Listing Program

1. **Controller Login (App/Http/Controller/Auth/LoginControlle r.php)**

```
<?php
namespace App\Http\Controllers\Auth;
use App\Http\Controllers\Controller;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
class LoginController extends Controller{
   public function showLoginForm(){
      return view('auth.login');
   }
   public function login(Request $request){
      $request->validate([
         'username' => ['required', 'string'],
         'password' => ['required'],
      ]);
      $loginType = filter_var($request-
>username, FILTER_VALIDATE_EMAIL) ?
'email' : 'username';

      if ($loginType === 'email') {
         // Find user by pegawai's email
         $user =
\App\Models\UserModel::whereHas('pegawai',
function ($query) use ($request) {
            $query->where('email', $request-
>username);
         })->first();
         if ($user && Auth::attempt(['username'
=> $user->username, 'password' => $request-
>password], $request->boolean('remember'))) {
            $request->session()->regenerate();
            return redirect()-
>intended('dashboard');
         }
      } else {
         if (Auth::attempt(['username' =>
$request->username, 'password' => $request-
>password], $request->boolean('remember'))) {
            $request->session()->regenerate();
            return redirect()-
>intended('dashboard');
         }
      }
      return back()->withErrors([
         'username' => 'The provided credentials
do not match our records.',
      ])->onlyInput('username');
   }
   public function logout(Request $request){
      Auth::logout();
      $request->session()->invalidate();
      $request->session()->regenerateToken();

      return redirect('/login');
   }
}
```

2. **Tampilan Login (resources/views/auth/login.blade.php)**

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport"
content="width=device-width, initial-scale=1.0">
   <title>Login - SPPD KPU Deli Serdang</title>
   @vite(['resources/css/app.css',
'resources/js/app.js'])
</head>
<body class="bg-slate-900 min-h-screen flex
items-center justify-center p-4 relative overflow-
hidden">
   <!-- Background Image with Overlay -->
   <div class="absolute inset-0 z-0">
      <img src="{{ asset('images/login_bg.jpg') }}"
class="w-full h-full object-cover opacity-40 blur-
[2px]" alt="Background">
      <div class="absolute inset-0 bg-gradient-to-
t from-slate-900 via-slate-900/60 to-
transparent"></div>
   </div>
   <div class="max-w-md w-full relative z-10">
      <!-- Logo/Header -->
      <div class="text-center mb-8">
         <div class="inline-flex items-center
justify-center w-24 h-24  mb-4">
            <img src="{{
asset('images/kpu_logo.svg') }}" alt="" class="w-
24 h-24">
         </div>
         <h1 class="text-2xl font-bold text-white
tracking-tight">SPPD KPU Deli Serdang</h1>
         <p class="text-slate-300 mt-2 font-
medium">Sistem Informasi Perjalanan
Dinas</p>
      </div>
      <!-- Login Card -->
      <div class="bg-white rounded-3xl shadow-
xl  p-8 border border-slate-100">
         <form method="POST" action="{{
route('login') }}" class="space-y-6">
            @csrf
            <div>
               <label for="username" class="block
text-sm font-semibold text-slate-700 mb-
2">Username</label>
               <div class="relative">
```

```
                <span class="absolute inset-y-0
left-0 pl-4 flex items-center text-slate-400">
                  <i class="fas fa-user"></i>
                </span>
                <input type="text"
name="username" id="username" value="{{
old('username') }}" required autofocus
class="block w-full pl-11 pr-4 py-3 bg-slate-50
border border-slate-200 rounded-2xl text-slate-
900 focus:ring-2 focus:ring-primary
focus:border-transparent transition-all
placeholder:text-slate-
400"placeholder="Masukkan username">
              </div>
              @error('username')
                <p class="mt-2 text-sm text-rose-
600">{{ $message }}</p>
              @enderror
            </div>
            <div>
              <label for="password" class="block
text-sm font-semibold text-slate-700 mb-
2">Password</label>
              <div class="relative" x-data="{
show: false }">
                <span class="absolute inset-y-0
left-0 pl-4 flex items-center text-slate-400"><i
class="fas fa-lock"></i>
                </span>
                <input :type="show ? 'text' :
'password'" name="password" id="password"
required
                       class="block w-full pl-11 pr-
12 py-3 bg-slate-50 border border-slate-200
rounded-2xl text-slate-900 focus:ring-2
focus:ring-primary focus:border-transparent
transition-all placeholder:text-slate-400"
placeholder="••••••••">
                <button type="button"
@click="show = !show" class="absolute inset-y-
0 right-0 pr-4 flex items-center text-slate-400
hover:text-slate-600"><i class="fas"
:class="show ? 'fa-eye-slash' : 'fa-eye'"></i>
                </button>
              </div>
            </div>
            <div class="flex items-center justify-
between">
              <label class="flex items-center">
                <input type="checkbox"
name="remember" class="w-4 h-4 text-primary
border-slate-300 rounded focus:ring-primary">
                <span class="ml-2 text-sm text-
slate-600">Ingat saya</span>
              </label>
            </div>
            <button type="submit" class="w-full
py-3.5 px-4 bg-primary hover:bg-primary-dark
text-white font-bold rounded-2xl shadow-lg
shadow-primary/20 transition-all transform
active:scale-[0.98]">  Login Ke Sistem\
</button>
          </form>
        </div>
        <p class="text-center mt-8 text-sm text-
slate-500">
          &copy; {{ now()->year }} KPU Kabupaten
Deli Serdang.
        </p>
      </div>
</body>
</html>
```

3. Controller Halaman Dashboard Utama (app\Http\Controllers\DashboardControll er.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\DisposisiModel;
use App\Models\DisposisiSubbagianModel;
use App\Models\SuratMasukModel;
use App\Models\SuratTugasModel;
use Illuminate\Support\Facades\Auth;
class DashboardController extends Controller{
   public function index(){
      $user = Auth::user();
      $stats = [];
      $recentItems = collect();

      if ($user->hasRole('admin')) {
         $stats['total_surat_masuk'] =
SuratMasukModel::count();
         $stats['total_disposisi']   =
DisposisiModel::count();
         $stats['total_st']          =
SuratTugasModel::count();
         $stats['menunggu_disposisi']=
SuratMasukModel::where('status', 'didisposisi')-
>doesntHave('disposisi')->count();
         $recentItems = $recentItems-
>merge(SuratMasukModel::with('pembuatBy')-
>latest()->limit(7)->get());
      }

      if ($user->hasRole('subbag_umum')) {
         $unread =
DisposisiSubbagianModel::where('subbagian_us
er_id', $user->id)->where('dibaca', false)-
>count();
         $stats['total_diinput']   =
SuratMasukModel::count();
```

```
            $stats['menunggu_arahan'] =
SuratMasukModel::whereIn('status', ['di_ketua',
'di_sekretaris'])->count();
            $stats['perlu_disposisi'] =
SuratMasukModel::where('status',
'kembali_ke_umum')->count();
            $stats['disposisi_baru']  = $unread;
            $recentItems = $recentItems-
>merge(SuratMasukModel::latest()->limit(7)-
>get());
        }
        if ($user->hasRole('ketua')) {
            $belumInstruksi =
SuratMasukModel::where('status', 'di_ketua')-
>count();
            $stats['perlu_instruksi'] =
$belumInstruksi;
            if (!isset($stats['total_surat'])) {
                $stats['total_surat'] =
SuratMasukModel::whereIn('status', ['di_ketua',
'di_sekretaris', 'kembali_ke_umum', 'didisposisi',
'selesai'])->count();
            }
            $recentItems = $recentItems-
>merge(SuratMasukModel::whereIn('status',
['di_ketua', 'di_sekretaris', 'kembali_ke_umum',
'didisposisi', 'selesai'])->latest()->limit(7)->get());
        }
        if ($user->hasRole('sekretaris')) {
            $belumArahan =
SuratMasukModel::where('status',
'di_sekretaris')->count();
            $stats['perlu_arahan'] = $belumArahan;
            if (!isset($stats['total_surat'])) {
                $stats['total_surat'] =
SuratMasukModel::whereIn('status',
['di_sekretaris', 'kembali_ke_umum', 'didisposisi',
'selesai'])->count();
            }
            $recentItems = $recentItems-
>merge(SuratMasukModel::whereIn('status',
['di_sekretaris', 'kembali_ke_umum', 'didisposisi',
'selesai'])->latest()->limit(7)->get());
        }
        if ($user->hasAnyRole(['subbag_hukum',
'subbag_teknis', 'subbag_perencanaan']) ||
($user->hasRole('subbag_umum') && !$user-
>hasRole('admin'))) {
            $unread =
DisposisiSubbagianModel::where('subbagian_us
er_id', $user->id)->where('dibaca', false)-
>count();
            if (!isset($stats['disposisi_baru'])) {
                $stats['disposisi_baru'] = $unread;
            }
            $stats['perlu_konfirmasi'] =
DisposisiSubbagianModel::where('subbagian_us
er_id', $user->id)->where('status',
'menunggu_konfirmasi')->count();
            $stats['selesai']        =
DisposisiSubbagianModel::where('subbagian_us
er_id', $user->id)->where('status', 'selesai')-
>count();
            $recentItems = $recentItems-
>merge(DisposisiSubbagianModel::where('subb
agian_user_id', $user->id) -
>with(['disposisi.suratMasuk'])->latest()->limit(7)-
>get());
        }
        $recentItems = $recentItems->unique('id')-
>take(10);
        return view('dashboard', compact('stats',
'recentItems'));
    }
}
```

4. Tampilan Halaman Dashboard Utama System (resources\views\dashboard.blade.php)

```
@extends('layouts.app')
@section('title', 'Dashboard')
@section('content')
<div class="space-y-6">
    @php $user = auth()->user(); @endphp
    {{-- Welcome Banner --}}
    <div class="bg-gradient-to-r from-slate-800 to-
slate-700 rounded-3xl p-6 text-white">
        <div class="flex items-center justify-
between">
            <div>
                <p class="text-slate-400 text-sm mb-
1">Selamat datang,</p>
                <h2 class="text-xl font-bold">{{ $user-
>pegawai?->nama_lengkap ?? $user-
>username }}</h2>
                <p class="text-slate-400 text-sm mt-
1">
                    Role Akses: <span class="font-
semibold text-slate-200 uppercase">{{ $user-
>roles->pluck('name')->implode(' & ') }}</span>
                </p>
            </div>
            <div class="w-16 h-16 bg-white/10
rounded-2xl flex items-center justify-center">
                <i class="fas fa-building text-3xl text-
white/70"></i>
            </div>
        </div>
    </div>
    {{-- Stats Cards --}}
```

```
    <div class="grid grid-cols-2 lg:grid-cols-4 gap-4">
        @php
            $colors = ['blue', 'amber', 'purple', 'green'];
            $icons  = ['fa-envelope', 'fa-hourglass-half', 'fa-spinner', 'fa-check-circle'];
            $statValues = array_values($stats);
            $statLabels = array_keys($stats);
            $labelMap = [
                'total_pengajuan'    => 'Total Pengajuan',
                'pending_approval'   => 'Pending Approval',
                'total_realisasi'    => 'Total Realisasi',
                'total_surat_masuk'  => 'Total Surat Masuk',
                'total_disposisi'    => 'Total Disposisi',
                'total_st'           => 'Surat Tugas',
                'menunggu_disposisi' => 'Menunggu Disposisi',
                'total_diinput'      => 'Total Surat',
                'menunggu_arahan'    => 'Tunggu Arahan',
                'perlu_disposisi'    => 'Perlu Disposisi',
                'menunggu_konfirm'   => 'Tunggu Konfirm',
                'selesai'            => 'Selesai',
                'perlu_instruksi'    => 'Perlu Instruksi',
                'perlu_arahan'       => 'Perlu Arahan',
                'total_surat'        => 'Total Surat',
                'disposisi_baru'     => 'Disposisi Baru',
                'perlu_konfirmasi'   => 'Perlu Konfirmasi',
            ];
            $colorMap = [
                'blue'   => ['bg' => 'bg-blue-50',   'text' => 'text-blue-600'],
                'amber'  => ['bg' => 'bg-amber-50',  'text' => 'text-amber-600'],
                'purple' => ['bg' => 'bg-purple-50', 'text' => 'text-purple-600'],
                'green'  => ['bg' => 'bg-green-50',  'text' => 'text-green-600'],
            ];
        @endphp
        @foreach($stats as $key => $value)
        @php
            $i = $loop->index % 4;
            $color = $colors[$i];
            $icon  = $icons[$i];
            $label = $labelMap[$key] ?? ucwords(str_replace('_', ' ', $key));
        @endphp
        <div class="bg-white rounded-2xl border border-slate-100 shadow-sm p-5 flex items-center gap-4">
            <div class="w-12 h-12 rounded-xl {{ $colorMap[$color]['bg'] }} {{ $colorMap[$color]['text'] }} flex items-center justify-center flex-shrink-0">
                <i class="fas {{ $icon }} text-xl"></i>
            </div>
            <div>
                <p class="text-2xl font-bold text-slate-800">{{ $value }}</p>
                <p class="text-xs text-slate-500 leading-tight">{{ $label }}</p>
            </div>
        </div>
        @endforeach
    </div>
    {{-- Alur Kerja Info --}}
    <div class="bg-white rounded-3xl border border-slate-100 shadow-sm p-6">
        <h3 class="font-bold text-slate-800 mb-4">Alur Kerja SPPD</h3>
        <div class="flex items-center gap-2 flex-wrap">
            @php
            $steps = [
                ['icon' => 'fa-envelope-open-text', 'label' => 'Surat Masuk', 'role' => 'Bag. Umum', 'color' => 'blue'],
                ['icon' => 'fa-comments', 'label' => 'Arahan/Disposisi','role' => 'Pimpinan (Ketua/Sekretaris)',  'color' => 'amber'],
                ['icon' => 'fa-share', 'label' => 'Disposisi (ops)', 'role' => 'Bag. Umum', 'color' => 'indigo'],
                ['icon' => 'fa-users', 'label' => 'Konfirmasi', 'role' => 'Sub Bagian',  'color' => 'purple'],
                ['icon' => 'fa-file-signature', 'label' => 'Surat Tugas & SPD', 'role' => 'Bag. Umum', 'color' => 'green'],
                ['icon' => 'fa-print', 'label' => 'Cetak PDF ST & SPD', 'role' => 'Bag. Umum',   'color' => 'slate'],
                ['icon' => 'fa-file-upload',        'label' => 'Upload Laporan LPJ', 'role' => 'Subbag/Umum', 'color' => 'teal'],
            ];
            @endphp
            @foreach($steps as $step)
            <div class="flex items-center gap-2">
                <div class="flex flex-col items-center text-center">
```

```
                <div class="w-10 h-10 bg-{{
$step['color'] }}-100 text-{{ $step['color'] }}-600
rounded-xl flex items-center justify-center">
                    <i class="fas {{ $step['icon'] }}
text-sm"></i>
                </div>
                <p class="text-xs font-semibold
text-slate-700 mt-1">{{ $step['label'] }}</p>
                <p class="text-xs text-slate-400">{{
$step['role'] }}</p>
              </div>
              @if(!$loop->last)
              <i class="fas fa-chevron-right text-
slate-300 text-sm mx-1"></i>
              @endif
            </div>
            @endforeach
          </div>
        </div>
        {{-- Recent Items --}}
        @if($recentItems->isNotEmpty())
        <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden">
          <div class="px-6 py-5 border-b border-
slate-100">
            <h3 class="font-bold text-slate-
800">Aktivitas Terbaru</h3>
          </div>
          <div class="divide-y divide-slate-50">
            @foreach($recentItems as $item)
            <div class="px-6 py-4 flex items-center
justify-between hover:bg-slate-50/50 transition-
colors">
              <div class="flex items-center gap-3">
                <div class="w-9 h-9 bg-slate-100
rounded-xl flex items-center justify-center flex-
shrink-0">
                  @if($user-
>hasAnyRole(['subbag_hukum', 'subbag_teknis',
'subbag_perencanaan']))
                  <i class="fas fa-inbox text-slate-
500 text-sm"></i>
                  @else
                  <i class="fas fa-envelope text-
slate-500 text-sm"></i>
                  @endif
                </div>
                <div>
                  @if($user-
>hasAnyRole(['subbag_hukum', 'subbag_teknis',
'subbag_perencanaan']))
                  <p class="text-sm font-semibold
text-slate-800 line-clamp-1">
                    {{ $item->disposisi?-
>suratMasuk?->perihal ?? 'Disposisi' }}
                  </p>
                  <p class="text-xs text-slate-
500">{{ $item->disposisi?->suratMasuk?-
>no_surat }}</p>
                  @else
                  <p class="text-sm font-semibold
text-slate-800 line-clamp-1">{{ $item->perihal ??
'-' }}</p>
                  <p class="text-xs text-slate-
500">{{ $item->no_surat ?? '-' }}</p>
                  @endif
                </div>
              </div>
              <div class="text-right flex-shrink-0">
                @if($user-
>hasAnyRole(['subbag_hukum', 'subbag_teknis',
'subbag_perencanaan']))
                  {!! $item->status_badge !!}
                @else
                  {!! $item->status_badge !!}
                @endif
              </div>
            </div>
            @endforeach
          </div>
        </div>
        @endif
</div>
@endsection
```

5. Controller Surat Masuk (app\Http\Controllers\SuratMasukController.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\SuratMasukModel;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\Storage;
class SuratMasukController extends Controller{
    public function index(Request $request){
        $query =
SuratMasukModel::with(['pembuatBy',
'disposisi'])->latest();
        // Subbag umum hanya lihat milik sendiri
jika dibuat_oleh terisi
        if (Auth::user()->hasRole('subbag_umum'))
{
            $query->where('dibuat_oleh', Auth::id());
        }
        if ($request->status) {
            if ($request->status ===
'menunggu_disposisi') {
                $query->whereIn('status', ['masuk',
'di_ketua', 'di_sekretaris', 'kembali_ke_umum']);
            } else {
```

```
            $query->where('status', $request->status);
        }
    }
    if ($request->tgl_mulai) {
        $query->whereDate('tanggal_terima', '>=', $request->tgl_mulai);
    }
    if ($request->tgl_selesai) {
        $query->whereDate('tanggal_terima', '<=', $request->tgl_selesai);
    }
    if ($request->search) {
        $query->where(function ($q) use ($request) {
            $q->where('no_surat', 'like', '%' . $request->search . '%')
              ->orWhere('asal_surat', 'like', '%' . $request->search . '%')
              ->orWhere('perihal', 'like', '%' . $request->search . '%')
              ->orWhere('keterangan', 'like', '%' . $request->search . '%');
        });
    }

    $suratMasuks = $query->paginate(15)->withQueryString();
    // Base query untuk perhitungan statistik kartu
    $baseQuery = SuratMasukModel::query();
    if (Auth::user()->hasRole('subbag_umum')) {
        $baseQuery->where('dibuat_oleh', Auth::id());
    }
    $counts = [
        'total'             => (clone $baseQuery)->count(),
        'menunggu_disposisi' => (clone $baseQuery)->whereIn('status', ['masuk', 'di_ketua', 'di_sekretaris', 'kembali_ke_umum'])->count(),
        'didisposisi'       => (clone $baseQuery)->where('status', 'didisposisi')->count(),
        'selesai'           => (clone $baseQuery)->where('status', 'selesai')->count(),
    ];
    return view('surat-masuk.index', compact('suratMasuks', 'counts'));
}
public function create(){
    return view('surat-masuk.form');
}
public function store(Request $request){
    $validated = $request->validate([
        'no_surat'      => 'required|string|max:100',
        'tanggal_surat'  => 'required|date',
        'tanggal_terima' => 'required|date|after_or_equal:tanggal_surat',
        'asal_surat'    => 'required|string|max:200',
        'perihal'       => 'required|string|max:500',
        'file_lampiran'  => 'nullable|file|mimes:pdf,jpg,jpeg,png|max:5120',
        'keterangan'    => 'nullable|string',
    ], [
        'tanggal_terima.after_or_equal' => 'Tanggal diterima harus sama dengan atau setelah tanggal surat.',
    ]);

    if ($request->hasFile('file_lampiran')) {
        $path = $request->file('file_lampiran')->store('lampiran-surat', 'public');
        $validated['file_lampiran'] = $path;
    }

    $validated['status']    = 'masuk';
    $validated['dibuat_oleh'] = Auth::id();
    SuratMasukModel::create($validated);
    return redirect()->route('surat-masuk.index')->with('success', 'Surat masuk berhasil diinput.');
}
public function show(SuratMasukModel $suratMasuk){
    $suratMasuk->load(['pembuatBy', 'disposisi.subbagianList.subbagianUser', 'disposisi.subbagianList.pegawaiList', 'disposisi.pimpinan']);
    return view('surat-masuk.show', compact('suratMasuk'));
}
public function edit(SuratMasukModel $suratMasuk){
    if ($suratMasuk->status !== 'masuk') {
        return back()->with('error', 'Surat yang sudah dikirim ke pimpinan tidak dapat diedit.');
    }
    return view('surat-masuk.form', compact('suratMasuk'));
}
public function update(Request $request, SuratMasukModel $suratMasuk) {
    if ($suratMasuk->status !== 'masuk') {
        return back()->with('error', 'Surat yang sudah dikirim ke pimpinan tidak dapat diedit.');
    }

    $validated = $request->validate([
```

```
            'no_surat'      =>
'required|string|max:100',
            'tanggal_surat'  => 'required|date',
            'tanggal_terima' =>
'required|date|after_or_equal:tanggal_surat',
            'asal_surat'    =>
'required|string|max:200',
            'perihal'       => 'required|string|max:500',
            'file_lampiran'  =>
'nullable|file|mimes:pdf,jpg,jpeg,png|max:5120',
            'keterangan'    => 'nullable|string',
        ], [
            'tanggal_terima.after_or_equal' =>
'Tanggal diterima harus sama dengan atau
setelah tanggal surat.',
        ]);
        if ($request->hasFile('file_lampiran')) {
            // Hapus file lama jika ada
            if ($suratMasuk->file_lampiran) {
                Storage::disk('public')-
>delete($suratMasuk->file_lampiran);
            }
            $path = $request->file('file_lampiran')-
>store('lampiran-surat', 'public');
            $validated['file_lampiran'] = $path;
        }
        $suratMasuk->update($validated);
        return redirect()->route('surat-masuk.index')
                         ->with('success', 'Surat masuk
berhasil diperbarui.');
    }
    public function destroy(SuratMasukModel
$suratMasuk){
        if ($suratMasuk->status !== 'masuk') {
            return back()->with('error', 'Surat yang
sudah diproses tidak dapat dihapus.');
        }
        if ($suratMasuk->file_lampiran) {
            Storage::disk('public')-
>delete($suratMasuk->file_lampiran);
        }
        $suratMasuk->delete();
        return redirect()->route('surat-
masuk.index')->with('success', 'Surat masuk
berhasil dihapus.');
    }
    public function kirimKeKetua(Request
$request, SuratMasukModel $suratMasuk){
        if ($suratMasuk->status !== 'masuk') {
            return back()->with('error', 'Surat sudah
dikirim sebelumnya.');
        }

        $tujuan = $request->input('tujuan', 'ketua');
        if ($tujuan === 'sekretaris') {
            $suratMasuk->update(['status' =>
'di_sekretaris']);
            \App\Services\NotificationService::sendT
oRole(
                'sekretaris',
                'Surat Masuk Baru',
                'Terdapat surat masuk baru no. ' .
$suratMasuk->no_surat . ' menunggu arahan
Anda.',
                route('pimpinan.inbox-sekretaris'),
                $suratMasuk->id,
                'SuratMasuk'
            );
            return back()->with('success', 'Surat
masuk berhasil dikirim ke Sekretaris KPU.');
        }
        $suratMasuk->update(['status' =>
'di_ketua']);
        \App\Services\NotificationService::sendToR
ole(
            'ketua',
            'Surat Masuk Baru',
            'Terdapat surat masuk baru no. ' .
$suratMasuk->no_surat . ' menunggu instruksi
Anda.',
            route('pimpinan.inbox-ketua'),
            $suratMasuk->id,
            'SuratMasuk'
        );
        return back()->with('success', 'Surat masuk
berhasil dikirim ke Ketua KPU.');
    }
}
```

6. Tampilan Halaman Surat Masuk (resources\views\surat-masuk\index.blade.php)

```
@extends('layouts.app')
@section('title', 'Surat Masuk')
@section('content')
<div class="space-y-6">
    {{-- Header --}}
    <div class="flex flex-col sm:flex-row sm:items-
center sm:justify-between gap-4">
        <div>
            <h3 class="text-slate-800 font-semibold
text-lg">Daftar Surat Masuk</h3>
            <p class="text-slate-500 text-sm mt-
0.5">Kelola surat masuk/undangan yang
diterima</p>
        </div>
        @hasanyrole('admin|subbag_umum')
        <a href="{{ route('surat-masuk.create') }}"
```

```
        class="inline-flex items-center bg-primary
hover:bg-primary-dark text-white px-5 py-2.5
rounded-2xl font-semibold text-sm shadow-lg
shadow-primary/20 transition-all">
            <i class="fas fa-plus mr-2"></i>
            Input Surat Masuk
        </a>
        @endhasanyrole
    </div>

    {{-- Status Summary Cards --}}
    <div class="grid grid-cols-2 lg:grid-cols-4 gap-
4">
        @php
            $statCards = [
                ['label' => 'Total Masuk',       'value' =>
$counts['total'],              'icon' => 'fa-envelope',
'color' => 'blue'],
                ['label' => 'Menunggu Disposisi',
'value' => $counts['menunggu_disposisi'], 'icon'
=> 'fa-hourglass-half', 'color' => 'yellow'],
                ['label' => 'Diproses Subbag',    'value'
=> $counts['didisposisi'],       'icon' => 'fa-
spinner',          'color' => 'purple'],
                ['label' => 'Selesai',           'value' =>
$counts['selesai'],            'icon' => 'fa-check-
circle',      'color' => 'green'],
            ];
            $colorMap = [
                'blue'   => 'bg-blue-50 text-blue-600',
                'yellow' => 'bg-yellow-50 text-yellow-
600',
                'purple' => 'bg-purple-50 text-purple-
600',
                'green'  => 'bg-green-50 text-green-
600',
            ];
        @endphp
        @foreach($statCards as $card)
        <div class="bg-white rounded-2xl border
border-slate-100 shadow-sm p-4 flex items-
center gap-4">
            <div class="w-12 h-12 rounded-xl {{
$colorMap[$card['color']] }} flex items-center
justify-center flex-shrink-0">
                <i class="fas {{ $card['icon'] }} text-
xl"></i>
            </div>
            <div>
                <p class="text-2xl font-bold text-slate-
800">{{ $card['value'] }}</p>
                <p class="text-xs text-slate-500
leading-tight">{{ $card['label'] }}</p>
            </div>
        </div>
        @endforeach
    </div>

    {{-- Filter & Search --}}
    <form method="GET" class="flex flex-col
xl:flex-row gap-3">
        <div class="flex-1">
            <div class="relative">
                <i class="fas fa-search absolute left-3
top-1/2 -translate-y-1/2 text-slate-400 text-
sm"></i>
                <input type="text" name="search"
value="{{ request('search') }}"
                    placeholder="Cari no. surat, asal,
atau perihal..."
                    class="w-full pl-10 pr-4 py-2.5
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none">
            </div>
        </div>
        {{-- Filter Tanggal Terima --}}
        <div class="flex items-center gap-2 bg-
white border border-slate-200 rounded-xl px-3
py-1.5 shadow-sm">
            <i class="fas fa-calendar-alt text-slate-
400 text-sm"></i>
            <span class="text-xs font-semibold text-
slate-500 whitespace-nowrap">Tgl
Terima:</span>
            <input type="date" name="tgl_mulai"
value="{{ request('tgl_mulai') }}"
                title="Tanggal Terima Mulai"
                class="py-1 text-xs text-slate-600
outline-none bg-transparent font-medium">
            <span class="text-slate-300 text-xs font-
bold">-</span>
            <input type="date" name="tgl_selesai"
value="{{ request('tgl_selesai') }}"
                title="Tanggal Terima Sampai"
                class="py-1 text-xs text-slate-600
outline-none bg-transparent font-medium">
        </div>
        {{-- Filter Status --}}
        <select name="status" class="px-4 py-2.5
border border-slate-200 rounded-xl text-sm text-
slate-600 focus:ring-2 focus:ring-primary/20
focus:border-primary outline-none bg-white">
            <option value="">Semua
Status</option>
            <option value="masuk" {{
request('status') == 'masuk' ? 'selected' : ''
}}>Baru Masuk</option>
            <option value="di_ketua" {{
request('status') == 'di_ketua' ? 'selected' : ''
}}>Di Ketua</option>
```

```
            <option value="di_sekretaris" {{
request('status') == 'di_sekretaris' ? 'selected' : ''
}}>Di Sekretaris</option>
            <option value="kembali_ke_umum" {{
request('status') == 'kembali_ke_umum' ?
'selected' : '' }}>Kembali ke Umum</option>
            <option value="didisposisi" {{
request('status') == 'didisposisi' ? 'selected' : ''
}}>Menunggu Konfirmasi Subbag</option>
            <option value="selesai" {{
request('status') == 'selesai' ? 'selected' : ''
}}>Selesai (ST Terbit)</option>
        </select>
        <div class="flex items-center gap-2">
            <button type="submit" class="px-5 py-
2.5 bg-slate-800 text-white rounded-xl text-sm
font-medium hover:bg-slate-700 transition-colors
flex items-center gap-2">
                <i class="fas fa-filter text-xs"></i>
Filter
            </button>
            @if(request('search') || request('status') ||
request('tgl_mulai') || request('tgl_selesai'))
            <a href="{{ route('surat-masuk.index') }}"
              class="px-4 py-2.5 bg-slate-100 text-
slate-600 rounded-xl text-sm font-medium
hover:bg-slate-200 transition-colors flex items-
center gap-1.5"
               title="Reset Filter">
                <i class="fas fa-redo text-xs"></i>
Reset
            </a>
            @endif
        </div>
    </form>

    {{-- Table --}}
    <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden">
        <div class="overflow-x-auto">
            <table class="w-full text-left">
                <thead class="bg-slate-50/50 border-b
border-slate-100">
                    <tr>
                        <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">No. Surat</th>
                        <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">Asal & Perihal</th>
                        <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">Tgl Terima</th>
                        <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider text-center">Status</th>
                        <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider text-right">Aksi</th>
                    </tr>
                </thead>
                <tbody class="divide-y divide-slate-
50">
                    @forelse($suratMasuks as $surat)
                    <tr class="hover:bg-slate-50/50
transition-colors">
                        <td class="px-6 py-4">
                            <p class="font-semibold text-
slate-800 text-sm">{{ $surat->no_surat }}</p>
                            <p class="text-xs text-slate-
400 mt-0.5">{{ $surat->tanggal_surat?-
>format('d M Y') }}</p>
                        </td>
                        <td class="px-6 py-4 max-w-xs">
                            <p class="font-medium text-
slate-700 text-sm">{{ $surat->asal_surat }}</p>
                            <p class="text-xs text-slate-
500 mt-0.5 line-clamp-2">{{ $surat->perihal
}}</p>
                            @if($surat->file_lampiran)
                            @php
                                $ext =
strtolower(pathinfo($surat->file_lampiran,
PATHINFO_EXTENSION));
                                $isImg = in_array($ext,
['jpg', 'jpeg', 'png', 'gif', 'webp', 'svg']);
                                $isPdf = ($ext === 'pdf');
                                $isOffice = in_array($ext,
['doc', 'docx', 'xls', 'xlsx', 'ppt', 'pptx']);
                                $badgeLabel = $isImg ?
'Lampiran Gambar' : ($isPdf ? 'Lampiran PDF' :
($isOffice ? 'Lampiran Office' : 'Lihat Lampiran'));
                                $badgeIcon = $isImg ? 'fa-
file-image' : ($isPdf ? 'fa-file-pdf' : ($isOffice ?
'fa-file-word' : 'fa-paperclip'));
                                $badgeStyle = $isImg ?
'text-blue-600 bg-blue-50 border-blue-100
hover:text-blue-700' : ($isPdf ? 'text-rose-600
bg-rose-50 border-rose-100 hover:text-rose-700'
: 'text-slate-600 bg-slate-50 border-slate-200
hover:text-slate-700');
                            @endphp
                            <a href="#"
@click.prevent="$dispatch('preview-doc', { url: '{{
Storage::url($surat->file_lampiran) }}', title:
'Lampiran: {{ $surat->no_surat }}', google: true
})"
                               class="inline-flex items-
center gap-1 mt-1 text-[11px] font-semibold {{
$badgeStyle }} border px-2 py-0.5 rounded-md
transition-colors">
```

```
                        <i class="fas {{ $badgeIcon }}"></i> {{ $badgeLabel }}
                    </a>
                    @endif
                </td>
                <td class="px-6 py-4">
                    <p class="text-sm text-slate-600">{{ $surat->tanggal_terima?->format('d M Y') }}</p>
                </td>
                <td class="px-6 py-4 text-center">
                    {!! $surat->status_badge !!}
                </td>
                <td class="px-6 py-4">
                    <div class="flex items-center justify-end gap-2">
                        <a href="{{ route('surat-masuk.show', $surat->id) }}"
                           class="p-2 text-slate-500 hover:text-blue-600 hover:bg-blue-50 rounded-lg transition-colors" title="Detail"> <i class="fas fa-eye text-sm"></i>
                        </a>

                        @hasanyrole('admin|subbag_umum')
                        @if($surat->status === 'masuk')
                        <a href="{{ route('surat-masuk.edit', $surat->id) }}"
                           class="p-2 text-slate-500 hover:text-amber-600 hover:bg-amber-50 rounded-lg transition-colors" title="Edit">
                            <i class="fas fa-pencil-alt text-sm"></i>
                        </a>
                        <button type="button"
                                @click="$dispatch('send-pimpinan-modal', { url: '{{ route('surat-masuk.kirim', $surat->id) }}', noSurat: '{{ $surat->no_surat }}' })"
                                class="px-3 py-1.5 bg-emerald-600 hover:bg-emerald-700 text-white rounded-xl text-xs font-semibold transition-colors flex items-center gap-1 shadow-sm" title="Kirim ke Pimpinan">
                            <i class="fas fa-paper-plane text-xs"></i> Kirim
                        </button>
                        @endif
                        @if($surat->status === 'kembali_ke_umum')
                            @if($surat->disposisi)
                            <a href="{{ route('disposisi.edit', $surat->disposisi->id) }}"
                               class="px-3 py-1.5 bg-primary hover:bg-primary-dark text-white rounded-xl text-xs font-semibold transition-colors flex items-center gap-1 shadow-sm shadow-primary/20" title="Disposisi ke Subbagian"> <i class="fas fa-stamp text-xs"></i> Disposisi ke Subbag
                            </a>
                            @else
                            <a href="{{ route('disposisi.create', ['surat_masuk_id' => $surat->id]) }}"
                               class="px-3 py-1.5 bg-primary hover:bg-primary-dark text-white rounded-xl text-xs font-semibold transition-colors flex items-center gap-1 shadow-sm shadow-primary/20" title="Buat Disposisi ke Subbagian"> <i class="fas fa-stamp text-xs"></i> Disposisi ke Subbag
                            </a>
                            @endif
                        @endif
                        @endhasrole
                        {{-- Pimpinan (Ketua & Sekretaris): Proses Disposisi --}}

                        @hasanyrole('admin|ketua|sekretaris|pimpinan')
                        @if(in_array($surat->status, ['di_ketua', 'di_sekretaris']))
                            @if($surat->disposisi)
                            <a href="{{ route('disposisi.edit', $surat->disposisi->id) }}"
                               class="px-3 py-1.5 bg-indigo-600 hover:bg-indigo-700 text-white rounded-xl text-xs font-semibold transition-colors flex items-center gap-1 shadow-sm" title="Proses Disposisi Pimpinan">
                                <i class="fas fa-pen-fancy text-xs"></i> Disposisi Pimpinan
                            </a>
                            @else
                            <a href="{{ route('disposisi.create', ['surat_masuk_id' => $surat->id]) }}"
                               class="px-3 py-1.5 bg-indigo-600 hover:bg-indigo-700 text-white rounded-xl text-xs font-semibold transition-colors flex items-center gap-1 shadow-sm" title="Proses Disposisi Pimpinan">
                                <i class="fas fa-pen-fancy text-xs"></i> Disposisi Pimpinan
                            </a>
                            @endif
                        @endif
```

```
                        @if(in_array($surat->status,
['didisposisi', 'selesai']) && $surat->disposisi)
                        <a href="{{
route('disposisi.show', $surat->disposisi->id) }}"
                           class="px-3 py-1.5 bg-
slate-700 hover:bg-slate-800 text-white rounded-
xl text-xs font-semibold transition-colors flex
items-center gap-1" title="Lihat Detail
Disposisi">
                            <i class="fas fa-file-alt
text-xs"></i> Lihat Disposisi
                        </a>
                        @endif
                        @endhasrole
                      </div>
                    </td>
                  </tr>
                  @empty
                  <tr>
                    <td colspan="5" class="px-6 py-
16 text-center">
                      <div class="flex flex-col items-
center">
                        <div class="w-16 h-16 bg-
slate-100 rounded-2xl flex items-center justify-
center mb-4"> <i class="fas fa-envelope-open
text-slate-400 text-2xl"></i>
                        </div>
                        <p class="text-slate-500
font-medium">Belum ada surat masuk</p>
                        <p class="text-slate-400
text-sm mt-1">Klik "Input Surat Masuk" untuk
menambahkan</p>
                      </div>
                    </td>
                  </tr>
                  @endforelse
                </tbody>
              </table>
            </div>
            @if($suratMasuks->hasPages())
            <div class="px-6 py-4 border-t border-slate-
100">
              {{ $suratMasuks->links() }}
            </div>
            @endif
          </div>
        </div>
        @endsection
```

7. Tampilan Form Surat Masuk Tambah dan Hapus (resources\views\surat-masuk\form.blade.php)

```
@extends('layouts.app')
@section('title', isset($suratMasuk) ? 'Edit Surat
Masuk' : 'Input Surat Masuk')
@section('content')
<div class="max-w-3xl mx-auto space-y-6">
  {{-- Header --}}
  <div class="flex items-center gap-4">
    <a href="{{ route('surat-masuk.index') }}"
class="p-2 text-slate-500 hover:text-slate-800
hover:bg-slate-100 rounded-xl transition-
colors">
      <i class="fas fa-arrow-left"></i>
    </a>
    <div>
      <h3 class="font-semibold text-slate-800
text-lg">{{ isset($suratMasuk) ? 'Edit Surat
Masuk' : 'Input Surat Masuk Baru' }}</h3>
      <p class="text-slate-500 text-sm">{{
isset($suratMasuk) ? 'Perbarui data surat
masuk' : 'Catat surat undangan yang diterima'
}}</p>
    </div>
  </div>

  {{-- Form --}}
  <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm p-8">
    <form action="{{ isset($suratMasuk) ?
route('surat-masuk.update', $suratMasuk->id) :
route('surat-masuk.store') }}"
          method="POST"
enctype="multipart/form-data" class="space-y-
6">
      @csrf
      @if(isset($suratMasuk))
@method('PUT') @endif
      {{-- Nomor & Tanggal Surat --}}
      <div class="grid grid-cols-1 sm:grid-cols-
2 gap-6">
        <div>
          <label class="block text-sm font-
medium text-slate-700 mb-2">
            Nomor Surat <span class="text-
rose-500">*</span>
          </label>
          <input type="text" name="no_surat"
                 value="{{ old('no_surat',
$suratMasuk->no_surat ?? '') }}"
                 placeholder="Contoh:
464/PL.01.1-SD/06/2026"
                 class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('no_surat') border-rose-400
@enderror">
```

```
                @error('no_surat') <p class="text-
rose-500 text-xs mt-1">{{ $message }}</p>
@enderror
            </div>
            <div>
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Tanggal Surat <span class="text-
rose-500">*</span>
                </label>
                <input type="date"
name="tanggal_surat"
                    value="{{ old('tanggal_surat',
isset($suratMasuk) ? $suratMasuk-
>tanggal_surat?->format('Y-m-d') : '') }}"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('tanggal_surat') border-
rose-400 @enderror">
                @error('tanggal_surat') <p
class="text-rose-500 text-xs mt-1">{{ $message
}}</p> @enderror
            </div>
        </div>
        {{-- Tanggal Terima & Asal Surat --}}
        <div class="grid grid-cols-1 sm:grid-cols-
2 gap-6">
            <div>
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Tanggal Diterima <span
class="text-rose-500">*</span>
                </label>
                <input type="date"
name="tanggal_terima"
                    value="{{ old('tanggal_terima',
isset($suratMasuk) ? $suratMasuk-
>tanggal_terima?->format('Y-m-d') : date('Y-m-
d')) }}"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('tanggal_terima') border-
rose-400 @enderror">
                @error('tanggal_terima') <p
class="text-rose-500 text-xs mt-1">{{ $message
}}</p> @enderror
            </div>
            <div>
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Instansi Pengirim <span
class="text-rose-500">*</span>
                </label>
                <input type="text"
name="asal_surat"
                    value="{{ old('asal_surat',
$suratMasuk->asal_surat ?? '') }}"
                    placeholder="Nama
instansi/lembaga pengirim"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('asal_surat') border-rose-
400 @enderror">
                @error('asal_surat') <p class="text-
rose-500 text-xs mt-1">{{ $message }}</p>
@enderror
            </div>
        </div>
        {{-- Perihal --}}
        <div>
            <label class="block text-sm font-
medium text-slate-700 mb-2">
                Perihal / Subjek Surat <span
class="text-rose-500">*</span>
            </label>
            <textarea name="perihal" rows="3"
                placeholder="Tulis perihal surat
secara lengkap..."
                class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none resize-none @error('perihal')
border-rose-400 @enderror">{{ old('perihal',
$suratMasuk->perihal ?? '') }}</textarea>
            @error('perihal') <p class="text-rose-
500 text-xs mt-1">{{ $message }}</p>
@enderror
        </div>
        {{-- Lampiran --}}
        <div>
            <label class="block text-sm font-
medium text-slate-700 mb-2">Lampiran
Surat</label>
            <div class="border-2 border-dashed
border-slate-200 rounded-xl p-6 text-center
hover:border-primary/50 transition-colors">
                <input type="file"
name="file_lampiran" id="file_lampiran"
accept=".pdf,.jpg,.jpeg,.png"
                    class="hidden"
onchange="showFileName(this)">
                <label for="file_lampiran"
class="cursor-pointer">
                    <i class="fas fa-cloud-upload-alt
text-3xl text-slate-300 mb-3 block"></i>
                    <p class="text-sm text-slate-500"
id="file-label">
```

```
                    Klik atau seret file
PDF/gambar ke sini
                </p>
                <p class="text-xs text-slate-400
mt-1">Maks. 5MB (PDF, JPG, PNG)</p>
            </label>
        </div>
        @if(isset($suratMasuk) &&
$suratMasuk->file_lampiran)
        <div class="mt-2 flex items-center
gap-2 text-sm text-slate-600">
            <i class="fas fa-paperclip text-slate-
400"></i>
            <a href="{{
Storage::url($suratMasuk->file_lampiran) }}"
target="_blank" class="text-primary
hover:underline">
                File lampiran saat ini
            </a>
        </div>
        @endif
        @error('file_lampiran') <p class="text-
rose-500 text-xs mt-1">{{ $message }}</p>
@enderror
    </div>
    {{-- Keterangan --}}
    <div>
        <label class="block text-sm font-
medium text-slate-700 mb-2">Keterangan
Tambahan</label>
        <textarea name="keterangan"
rows="2" placeholder="Catatan atau keterangan
tambahan (opsional)" class="w-full px-4 py-3
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none resize-none">{{
old('keterangan', $suratMasuk->keterangan ??
'') }}</textarea>
    </div>

    {{-- Actions --}}
    <div class="flex items-center justify-end
gap-3 pt-2 border-t border-slate-100">
        <a href="{{ route('surat-masuk.index')
}}"
           class="px-6 py-2.5 border border-
slate-200 text-slate-600 rounded-xl text-sm font-
medium hover:bg-slate-50 transition-colors">
            Batal
        </a>
        <button type="submit"
                class="px-6 py-2.5 bg-primary
text-white rounded-xl text-sm font-semibold
shadow-lg shadow-primary/20 hover:bg-primary-
dark transition-all">
            <i class="fas fa-save mr-2"></i>
            {{ isset($suratMasuk) ? 'Simpan
Perubahan' : 'Simpan Surat Masuk' }}
        </button>
    </div>
</form>
</div>
</div>

@push('scripts')
<script>
function showFileName(input) {
    const label = document.getElementById('file-
label');
    if (input.files && input.files[0]) {
        label.textContent = '✓ ' +
input.files[0].name;
        label.classList.add('text-primary', 'font-
medium');
    }
}

// Client-side validation: pastikan tanggal terima
>= tanggal surat
document.addEventListener('DOMContentLoade
d', function() {
    const tglSurat =
document.querySelector('input[name="tanggal_s
urat"]');
    const tglTerima =
document.querySelector('input[name="tanggal_t
erima"]');

    if (tglSurat && tglTerima) {
        tglSurat.addEventListener('change',
function() {
            tglTerima.min = this.value;
            // Jika tanggal terima lebih kecil dari
tanggal surat yang baru, reset nilainya
            if (tglTerima.value && tglTerima.value <
this.value) {
                tglTerima.value = this.value;
            }
        });

        // Trigger saat pertama kali diload
        if (tglSurat.value) {
            tglTerima.min = tglSurat.value;
        }
    }
});
</script>
@endpush
@endsection
```

```
                        ->whereIn('eselon',
['II', 'III', 'IV']);
                })
                ->where('is_active', true)
                ->orderBy('nama_lengkap')
                ->get();

        return view('disposisi.form',
compact('suratMasuk', 'subbagianUsers',
'pimpinans'));
    }

    /**
     * Bagian Umum: simpan disposisi ke
Subbagian
     */
    public function store(Request $request)
    {
        $request->validate([
            'surat_masuk_id'      =>
'required|exists:surat_masuk,id',
            'catatan_disposisi'   => 'nullable|string',
            'tanggal_disposisi'   => 'required|date',
            'subbagian'           =>
'required|array|min:1',
            'subbagian.*.user_id' =>
'required|exists:users,id',
            'subbagian.*.catatan' => 'nullable|string',
            'pimpinan'            => 'nullable|array',
            'pimpinan.*'          => 'exists:pegawai,id',
        ]);

        $suratMasuk =
SuratMasukModel::findOrFail($request-
>surat_masuk_id);

        DB::transaction(function () use ($request,
$suratMasuk) {
            // Buat disposisi utama
            $disposisi = DisposisiModel::create([
                'surat_masuk_id'   => $suratMasuk-
>id,
                'pimpinan_id'      => Auth::id(), // Diisi
oleh pembuat disposisi (Bagian Umum)
                'catatan_disposisi' => $request-
>catatan_disposisi,
                'tanggal_disposisi' => $request-
>tanggal_disposisi,
                'status'           => 'terkirim',
            ]);

            // Buat entri per subbagian
            foreach ($request->subbagian as $item)
{
                $ds =
DisposisiSubbagianModel::create([
                    'disposisi_id'    => $disposisi->id,
                    'subbagian_user_id'=>
$item['user_id'],
                    'catatan_khusus'  =>
$item['catatan'] ?? null,
                    'status'          =>
'menunggu_konfirmasi',
                ]);

                // Jika ada pimpinan yang dicek,
otomatis attach ke disposisi_subbagian ini
                if (!empty($request->pimpinan)) {
                    $ds->pegawaiList()-
>attach($request->pimpinan);
                }


\App\Services\NotificationService::sendToUser(
                    $item['user_id'],
                    'Disposisi Subbagian',
                    'Anda menerima disposisi baru
untuk dikonfirmasi personilnya. (Surat no. ' .
$suratMasuk->no_surat . ')',
                    route('disposisi.inbox'),
                    $ds->id,
                    'DisposisiSubbagian'
                );
            }

            $suratMasuk->update(['status' =>
'didisposisi']);
        });

        return redirect()->route('disposisi.index')
                         ->with('success', 'Berhasil
mendisposisikan surat ke Subbagian.');
    }

    /**
     * Pimpinan: detail disposisi
     */
    public function show(DisposisiModel
$disposisi)
    {
        $disposisi->load([
            'suratMasuk',
            'pimpinan.pegawai',

'subbagianList.subbagianUser.pegawai.jabatan',
            'subbagianList.pegawaiList.jabatan',
        ]);

        return view('disposisi.show',
compact('disposisi'));
    }
```

```
    /**
     * Pimpinan: edit disposisi (jika masih
draft/terkirim)
     */
    public function edit(DisposisiModel $disposisi)
    {
        if ($disposisi->status === 'selesai') {
            return back()->with('error', 'Disposisi
yang sudah selesai tidak dapat diedit.');
        }

        $disposisi->load(['suratMasuk',
'subbagianList.pegawaiList']);

        $subbagianUsers =
UserModel::whereHas('roles', function ($query) {
                $query->whereIn('name',
['subbag_umum', 'subbag_hukum',
'subbag_teknis', 'subbag_perencanaan']);
            })
            ->with('pegawai.jabatan')
            ->get();

        $pimpinans =
PegawaiModel::whereHas('jabatan',
function($query) {
                $query-
>whereNull('kode_subbagian')
                    ->whereIn('eselon',
['II', 'III', 'IV']);
            })
            ->where('is_active', true)
            ->orderBy('nama_lengkap')
            ->get();

        $pegawais =
PegawaiModel::where('is_active', true)
            ->with(['jabatan',
'golongan'])
            ->orderBy('nama_lengkap')
            ->get();

        $suratMasuk = $disposisi->suratMasuk;

        return view('disposisi.form',
compact('disposisi', 'suratMasuk',
'subbagianUsers', 'pegawais', 'pimpinans'));
    }

    /**
     * Sub Bagian: inbox disposisi yang masuk
untuk subbagian ini
     */
    public function inbox(Request $request)
    {
        $query =
DisposisiSubbagianModel::where('subbagian_us
er_id', Auth::id())
                    ->with([
                        'disposisi.suratMasuk',
                        'disposisi.pimpinan.pegawai',
                        'pegawaiList.jabatan',
                    ])
                    ->latest();

        if ($request->filled('search')) {
            $search = $request->search;
            $query->where(function ($q) use
($search) {
                $q->where('catatan_khusus', 'like',
"%{$search}%")
                    -
>orWhereHas('disposisi.suratMasuk', function
($smq) use ($search) {
                        $smq->where('no_surat', 'like',
"%{$search}%")
                            ->orWhere('asal_surat', 'like',
"%{$search}%")
                            ->orWhere('perihal', 'like',
"%{$search}%");
                    })
                    ->orWhereHas('disposisi', function
($dq) use ($search) {
                        $dq->where('catatan_disposisi',
'like', "%{$search}%");
                    });
            });
        }

        if ($request->filled('tgl_mulai')) {
            $query->whereDate('created_at', '>=',
$request->tgl_mulai);
        }

        if ($request->filled('tgl_selesai')) {
            $query->whereDate('created_at', '<=',
$request->tgl_selesai);
        }

        if ($request->status) {
            $query->where('status', $request-
>status);
        }

        $disposisiList = $query->paginate(15)-
>withQueryString();

        // Hitung unread
```

```
        $unreadCount =
DisposisiSubbagianModel::where('subbagian_us
er_id', Auth::id())
                                    ->where('dibaca',
false)
                                    ->count();

        return view('disposisi.inbox',
compact('disposisiList', 'unreadCount'));
    }

    /**
     * Sub Bagian: tandai disposisi sebagai sudah
dibaca
     */
    public function
baca(DisposisiSubbagianModel
$disposisiSubbagian)
    {
        if ($disposisiSubbagian-
>subbagian_user_id !== Auth::id()) {
            abort(403);
        }

        if (!$disposisiSubbagian->dibaca) {
            $disposisiSubbagian->update([
                'dibaca'    => true,
                'dibaca_at' => now(),
            ]);
        }

        return redirect()->route('disposisi.inbox');
    }

    /**
     * Sub Bagian: Form Konfirmasi Personil
     */
    public function
konfirmasiPersonilForm(DisposisiSubbagianMod
el $disposisiSubbagian)
    {
        if (!Auth::user()->hasAnyRole(['admin',
'subbag_umum']) && $disposisiSubbagian-
>subbagian_user_id !== Auth::id()) {
            abort(403, 'Akses ditolak. Anda tidak
memiliki izin untuk mengkonfirmasi personil
subbagian ini.');
        }

        // Tandai sudah dibaca jika belum
        if (!$disposisiSubbagian->dibaca) {
            $disposisiSubbagian->update([
                'dibaca'    => true,
                'dibaca_at' => now(),
            ]);
        }

        $disposisiSubbagian->load([
            'disposisi.suratMasuk',
            'disposisi.suratTugas.lpj',
            'disposisi.subbagianList.pegawaiList',

'disposisi.subbagianList.subbagianUser.pegawai
.jabatan',
            'pegawaiList'
        ]);

        $st = $disposisiSubbagian->disposisi?-
>suratTugas;
        $isLocked = $st !== null ||
$disposisiSubbagian->status === 'selesai';

        $selectedByOtherSubbagian = [];
        if ($disposisiSubbagian->disposisi) {
            foreach ($disposisiSubbagian->disposisi-
>subbagianList as $otherSbg) {
                if ($otherSbg->id !==
$disposisiSubbagian->id) {
                    $userLabel = $otherSbg-
>subbagianUser?->pegawai?->jabatan?-
>nama_jabatan ?? $otherSbg-
>subbagianUser?->name ?? 'Subbag Lain';
                    $subbagName =
ucwords(str_replace('_', ' ', $userLabel));
                    foreach ($otherSbg->pegawaiList
as $pgw) {

$selectedByOtherSubbagian[$pgw->id] =
$subbagName;
                    }
                }
            }
        }

        $pegawais =
PegawaiModel::where('is_active', true)
                        ->with(['jabatan',
'golongan'])
                        ->orderBy('nama_lengkap')
                        ->get();

        return view('disposisi.konfirmasi',
compact('disposisiSubbagian', 'pegawais',
'selectedByOtherSubbagian', 'isLocked'));
    }

    /**
     * Sub Bagian / Subbag Umum: Simpan
Konfirmasi Personil
     */
```

```
    public function
simpanKonfirmasiPersonil(Request $request,
DisposisiSubbagianModel $disposisiSubbagian)
    {
        if (!Auth::user()->hasAnyRole(['admin',
'subbag_umum']) && $disposisiSubbagian-
>subbagian_user_id !== Auth::id()) {
            abort(403, 'Akses ditolak. Anda tidak
memiliki izin untuk mengkonfirmasi personil
subbagian ini.');
        }

        $st = $disposisiSubbagian->disposisi?-
>suratTugas;
        $isLocked = $st !== null ||
$disposisiSubbagian->status === 'selesai';
        if ($isLocked) {
            return back()->with('error', 'Personil tidak
dapat diubah karena Surat Tugas / LPJ sudah
diterbitkan atau kegiatan telah selesai.');
        }

        $request->validate([
            'pegawai'   => 'required|array|min:1',
            'pegawai.*' => 'exists:pegawai,id',
        ]);

        $disposisiSubbagian-
>load(['disposisi.subbagianList.pegawaiList']);

        $otherSubbagPegawaiIds = [];
        if ($disposisiSubbagian->disposisi) {
            foreach ($disposisiSubbagian->disposisi-
>subbagianList as $otherSbg) {
                if ($otherSbg->id !==
$disposisiSubbagian->id) {
                    foreach ($otherSbg->pegawaiList
as $pgw) {
                        $otherSubbagPegawaiIds[] =
$pgw->id;
                    }
                }
            }
        }

        // Prevent selecting pegawais that are
already selected by another subbagian
        $validRequestPegawai =
array_values(array_diff($request->pegawai,
$otherSubbagPegawaiIds));

        if (empty($validRequestPegawai)) {
            return back()->withErrors(['pegawai' =>
'Semua pegawai yang Anda pilih sudah
dikonfirmasi oleh Subbagian lain untuk surat ini.
Silakan pilih pegawai yang belum ditugaskan.'])-
>withInput();
        }

        // Find currently attached pimpinan (eselon
II, III, or IV) to preserve them
        $pimpinanIds = $disposisiSubbagian-
>pegawaiList->filter(function ($pegawai) {
            return $pegawai->jabatan &&
in_array($pegawai->jabatan->eselon, ['II', 'III',
'IV']);
        })->pluck('id')->toArray();

        $allPegawaiIds =
array_unique(array_merge($validRequestPegaw
ai, $pimpinanIds));

        $disposisiSubbagian->pegawaiList()-
>sync($allPegawaiIds);

        $disposisiSubbagian->update([
            'status'    => 'personil_dikonfirmasi',
            'dibaca'    => true,
            'dibaca_at' => $disposisiSubbagian-
>dibaca_at ?? now(),
        ]);

        $suratNo = $disposisiSubbagian-
>disposisi->suratMasuk->no_surat ?? '';

\App\Services\NotificationService::sendToRole(
            'subbag_umum',
            'Personil Dikonfirmasi',
            "Subbagian telah mengkonfirmasi
personil untuk surat no. {$suratNo}. Menunggu
pembuatan Surat Tugas.",
            route('surat-tugas.index'),
            $disposisiSubbagian->id,
            'DisposisiSubbagian'
        );

        if (Auth::user()->hasAnyRole(['admin',
'subbag_umum'])) {
            return redirect()->route('surat-
tugas.index')
                        ->with('success', 'Personil
berhasil dikonfirmasi untuk Subbagian.');
        }

        return redirect()->route('disposisi.inbox')
                    ->with('success', 'Personil
berhasil dikonfirmasi dan diserahkan ke Bagian
Umum.');
    }
}
```

9. **Tampilan Halaman Disposisi Ketua KPU, Bendahara, Subbag Umum (resources\views\disposisi\index.blade.php)**

```
@extends('layouts.app')
@section('title', 'Inbox Disposisi')
@section('content')
<div class="space-y-6">
  {{-- Header --}}
  <div class="flex items-center justify-between">
    <div>
      <h3 class="text-slate-800 font-semibold text-lg">Inbox Disposisi Subbag</h3>
      <p class="text-slate-500 text-sm">Daftar instruksi disposisi pimpinan untuk penunjukan personil pelaksana</p>
    </div>
    @if($unreadCount > 0)
    <div class="flex items-center gap-2 bg-amber-500 text-white px-4 py-2 rounded-xl shadow-md shadow-amber-500/20 font-bold text-sm">
      <i class="fas fa-exclamation-triangle animate-pulse"></i>
      <span>{{ $unreadCount }} Disposisi Perlu Konfirmasi</span>
    </div>
    @endif
  </div>
  {{-- Filter --}}
  <form method="GET" class="flex flex-col xl:flex-row gap-3">
    <div class="flex-1">
      <div class="relative">
        <i class="fas fa-search absolute left-3.5 top-1/2 -translate-y-1/2 text-slate-400 text-sm"></i>
        <input type="text" name="search" value="{{ request('search') }}"
               placeholder="Cari perihal, no. surat, asal, catatan..."
               class="w-full pl-10 pr-4 py-2.5 border border-slate-200 rounded-xl text-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none bg-white">
      </div>
    </div>
    {{-- Filter Tanggal --}}
    <div class="flex items-center gap-2 bg-white border border-slate-200 rounded-xl px-3 py-1.5 shadow-sm">
      <i class="fas fa-calendar-alt text-slate-400 text-sm"></i>
      <span class="text-xs font-semibold text-slate-500 whitespace-nowrap">Tanggal:</span>
      <input type="date" name="tgl_mulai" value="{{ request('tgl_mulai') }}"
             title="Tanggal Mulai"
             class="py-1 text-xs text-slate-600 outline-none bg-transparent font-medium">
      <span class="text-slate-300 text-xs font-bold">-</span>
      <input type="date" name="tgl_selesai" value="{{ request('tgl_selesai') }}"
             title="Tanggal Selesai"
             class="py-1 text-xs text-slate-600 outline-none bg-transparent font-medium">
    </div>
    <select name="status" class="px-4 py-2.5 border border-slate-200 rounded-xl text-sm text-slate-600 focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none bg-white font-medium">
      <option value="">Semua Status Konfirmasi</option>
      <option value="menunggu_konfirmasi" {{ request('status') == 'menunggu_konfirmasi' ? 'selected' : '' }}>⚠ Belum Konfirmasi Personil</option>
      <option value="personil_dikonfirmasi" {{ request('status') == 'personil_dikonfirmasi' ? 'selected' : '' }}>☑ Personil Dikonfirmasi</option>
      <option value="selesai" {{ request('status') == 'selesai' ? 'selected' : '' }}>✔ Selesai</option>
    </select>
    <div class="flex items-center gap-2">
      <button type="submit" class="px-5 py-2.5 bg-slate-800 text-white rounded-xl text-sm font-medium hover:bg-slate-700 transition-colors flex items-center gap-2">
        <i class="fas fa-filter text-xs"></i>
        Filter
      </button>
      @if(request('search') || request('status') || request('tgl_mulai') || request('tgl_selesai'))
      <a href="{{ route('disposisi.inbox') }}"
         class="px-4 py-2.5 bg-slate-100 text-slate-600 rounded-xl text-sm font-medium hover:bg-slate-200 transition-colors flex items-center gap-1.5"
         title="Reset Filter">
        <i class="fas fa-redo text-xs"></i>
        Reset
      </a>
      @endif
    </div>
  </form>
  {{-- List Disposisi --}}
```

```
    <div class="space-y-4">
        @forelse($disposisiList as $ds)
        @php
            $isPending = ($ds->status === 'menunggu_konfirmasi');
        @endphp
        <div class="bg-white rounded-3xl border {{ $isPending ? 'border-amber-300 bg-amber-50/20 shadow-md shadow-amber-500/5' : 'border-emerald-200 bg-white shadow-sm' }} p-6 transition-all">
            {{-- Header kartu --}}
            <div class="flex items-start justify-between gap-4">
                <div class="flex items-start gap-4">
                    {{-- Badge Status Icon --}}
                    <div class="w-12 h-12 rounded-2xl {{ $isPending ? 'bg-amber-500 text-white shadow-md shadow-amber-500/20' : 'bg-emerald-500 text-white shadow-md shadow-emerald-500/20' }} flex items-center justify-center flex-shrink-0 mt-0.5">
                        @if($isPending)
                        <i class="fas fa-user-clock text-xl animate-pulse"></i>
                        @else
                        <i class="fas fa-user-check text-xl"></i>
                        @endif
                    </div>
                    <div>
                        <div class="flex items-center gap-2 flex-wrap mb-1">
                            <h4 class="font-bold text-slate-900 text-base">{{ $ds->disposisi->suratMasuk->perihal }}</h4>
                            @if(!$ds->dibaca)
                            <span class="px-2.5 py-0.5 bg-rose-500 text-white text-[10px] rounded-full font-bold tracking-wider">BARU</span>
                            @endif
                        </div>
                        <p class="text-xs font-semibold text-slate-600">
                            No. Surat: <span class="font-mono text-slate-800">{{ $ds->disposisi->suratMasuk->no_surat }}</span> •
                            Dari: <span class="text-slate-700">{{ $ds->disposisi->suratMasuk->asal_surat }}</span>
                        </p>
                        <p class="text-xs text-slate-400 mt-1">
                            Disposisi oleh: <span class="font-medium text-slate-700">{{ $ds->disposisi->pimpinan?->pegawai?->nama_lengkap ?? 'Pimpinan' }}</span>
                            pada {{ $ds->disposisi->tanggal_disposisi?->translatedFormat('d F Y') ?? '-' }}
                        </p>
                    </div>
                </div>
                <div class="flex items-center gap-2 flex-shrink-0">
                    @if($isPending)
                    <span class="inline-flex items-center gap-1.5 px-3 py-1.5 bg-amber-500 text-white font-bold text-xs rounded-full shadow-sm shadow-amber-500/20">
                        <i class="fas fa-exclamation-triangle"></i> BELUM KONFIRMASI PERSONIL
                    </span>
                    @else
                    <span class="inline-flex items-center gap-1.5 px-3 py-1.5 bg-emerald-100 text-emerald-800 border border-emerald-300 font-bold text-xs rounded-full">
                        <i class="fas fa-check-circle text-emerald-600"></i> PERSONIL DIKONFIRMASI
                    </span>
                    @endif
                </div>
            </div>
            {{-- Alert / Catatan Disposisi --}}
            @if($isPending)
            <div class="mt-4 p-3.5 bg-amber-50 border border-amber-200 rounded-2xl text-xs flex items-center justify-between text-amber-900">
                <div class="flex items-center gap-2">
                    <i class="fas fa-info-circle text-amber-600 text-base"></i>
                    <span>Sub Bagian Anda <strong>belum menunjuk pegawai</strong> untuk menindaklanjuti tugas surat ini.</span>
                </div>
            </div>
            @endif
            @if($ds->disposisi->catatan_disposisi || $ds->catatan_khusus)
            <div class="mt-3 p-3 bg-slate-50 border border-slate-200 rounded-xl text-xs">
                <span class="font-bold text-slate-700 mr-2"><i class="fas fa-comment-alt text-slate-400 mr-1"></i>Catatan Disposisi:</span>
                <span class="text-slate-600 italic">
                    {{ $ds->catatan_khusus ?? $ds->disposisi->catatan_disposisi }}
                </span>
```

```
        </div>
        @endif
        {{-- Daftar Pegawai yang Ditunjuk --}}
        @if($ds->pegawaiList->count() > 0)
        <div class="mt-4 pt-3 border-t border-slate-100">
            <p class="text-[11px] font-bold text-emerald-700 uppercase tracking-wider mb-2 flex items-center gap-1">
                <i class="fas fa-user-check"></i> Pegawai yang telah ditunjukkan oleh Subbag:
            </p>
            <div class="flex flex-wrap gap-2">
                @foreach($ds->pegawaiList as $pgw)
                <div class="flex items-center gap-2.5 bg-emerald-50/80 border border-emerald-200 rounded-xl px-3.5 py-2 text-xs">
                    <div class="w-6 h-6 bg-emerald-500 text-white rounded-full flex items-center justify-center text-[10px] font-bold flex-shrink-0">
                        <i class="fas fa-check"></i>
                    </div>
                    <div>
                        <p class="font-bold text-slate-800 leading-tight">{{ $pgw->nama_lengkap }}</p>
                        <p class="text-[10px] text-slate-500 leading-tight">{{ $pgw->jabatan?->nama_jabatan ?? 'Staf Pelaksana' }}</p>
                    </div>
                </div>
                @endforeach
            </div>
        </div>
        @endif
        {{-- Footer & Action Button --}}
        <div class="mt-4 pt-4 border-t border-slate-100 flex items-center justify-between flex-wrap gap-3">
            <p class="text-xs text-slate-400">
                @if($ds->dibaca)
                    Dibaca: {{ $ds->dibaca_at?->diffForHumans() }}
                @else
                    Status: <span class="text-rose-500 font-semibold">Belum dibaca</span>
                @endif
            </p>
            <div>
                @if($isPending)
                <a href="{{ route('disposisi.konfirmasi-form', $ds->id) }}"
                   class="px-5 py-2.5 bg-amber-500 hover:bg-amber-600 text-white rounded-xl text-xs font-bold transition-all shadow-md shadow-amber-500/20 flex items-center gap-2">
                    <i class="fas fa-user-plus"></i>
                    <span>KONFIRMASI PERSONIL PELAKSANA</span>
                </a>
                @else
                <a href="{{ route('disposisi.konfirmasi-form', $ds->id) }}"
                   class="px-4 py-2 bg-slate-100 hover:bg-emerald-50 border border-slate-200 hover:border-emerald-300 text-slate-700 hover:text-emerald-800 rounded-xl text-xs font-semibold transition-all flex items-center gap-1.5">
                    <i class="fas fa-pencil-alt text-xs"></i>
                    <span>Edit Penunjukan Pegawai ({{ $ds->pegawaiList->count() }} Pegawai)</span>
                </a>
                @endif
            </div>
        </div>
    </div>
    @empty
    <div class="bg-white rounded-3xl border border-slate-100 shadow-sm p-16 text-center">
        <div class="flex flex-col items-center">
            <div class="w-20 h-20 bg-slate-100 rounded-3xl flex items-center justify-center mb-4">
                <i class="fas fa-inbox text-slate-400 text-3xl"></i>
            </div>
            <p class="text-slate-500 font-medium text-lg">Inbox kosong</p>
            <p class="text-slate-400 text-sm mt-1">Belum ada disposisi yang masuk dari Bagian Umum</p>
        </div>
    </div>
    @endforelse
</div>

@if($disposisiList->hasPages())
<div class="flex justify-center">
    {{ $disposisiList->links() }}
</div>
@endif
</div>
@endsection
```

10. Tampilan Form Konfirmasi Personel Penugasan Subbagian (resources\views\disposisi\konfirmasi.blade.php)

```
@extends('layouts.app')
@section('title', 'Konfirmasi Personil')
@section('content')
<div class="max-w-full mx-auto space-y-6" x-data="{ showForm: {{ $disposisiSubbagian->status === 'menunggu_konfirmasi' ? 'true' : 'false' }} }">
  {{-- Header --}}
  <div class="flex items-center justify-between gap-4 mb-6">
    <div class="flex items-center gap-4">
      <a href="{{ auth()->user()->hasAnyRole(['admin', 'subbag_umum']) ? route('surat-tugas.index') : route('disposisi.inbox') }}" class="w-10 h-10 bg-white border border-slate-200 rounded-xl flex items-center justify-center text-slate-500 hover:bg-slate-50 transition-colors" title="Kembali">
        <i class="fas fa-arrow-left"></i>
      </a>
      <div>
        <h3 class="text-slate-800 font-bold text-lg">
          Konfirmasi Personil Pelaksana
          <span class="text-primary font-semibold">({{ $disposisiSubbagian->subbagianUser?->pegawai?->jabatan?->nama_jabatan ?? 'Sub Bagian' }})</span>
        </h3>
        <p class="text-slate-500 text-sm mt-0.5">Tentukan pegawai yang ditugaskan untuk subbagian ini (bebas memilih pegawai dari subbagian mana saja)</p>
      </div>
    </div>
    <div class="shrink-0">
      @if($disposisiSubbagian->status === 'menunggu_konfirmasi')
        <span class="px-3.5 py-1.5 bg-amber-500 text-white font-bold text-xs rounded-full shadow-sm shadow-amber-500/20 whitespace-nowrap">
          <i class="fas fa-exclamation-triangle"></i> Status: Belum Dikonfirmasi
        </span>
      @else
        <span class="px-3.5 py-1.5 bg-emerald-100 text-emerald-800 border border-emerald-300 font-bold text-xs rounded-full whitespace-nowrap">
          <i class="fas fa-check-circle text-emerald-600"></i> Status: Sudah Dikonfirmasi
        </span>
      @endif
    </div>
  </div>

  {{-- Info Surat --}}
  <div class="bg-white rounded-3xl border border-slate-100 shadow-sm overflow-hidden">
    <div class="p-6 border-b border-slate-100">
      <h4 class="font-bold text-slate-800 mb-4 uppercase tracking-wider text-xs">Informasi Surat & Arahan Pimpinan</h4>

      <div class="grid grid-cols-1 md:grid-cols-2 gap-4">
        <div class="bg-slate-50 p-4 rounded-2xl border border-slate-100">
          <p class="text-[10px] text-slate-400 font-bold uppercase tracking-wider mb-1">No Surat</p>
          <p class="text-sm text-slate-800 font-semibold font-mono">{{ $disposisiSubbagian->disposisi->suratMasuk->no_surat }}</p>
        </div>
        <div class="bg-slate-50 p-4 rounded-2xl border border-slate-100">
          <p class="text-[10px] text-slate-400 font-bold uppercase tracking-wider mb-1">Perihal</p>
          <p class="text-sm text-slate-800 font-semibold">{{ $disposisiSubbagian->disposisi->suratMasuk->perihal }}</p>
        </div>
        <div class="bg-amber-50/70 border border-amber-200 p-4 rounded-2xl md:col-span-2">
          <p class="text-xs text-amber-700 font-bold mb-1"><i class="fas fa-comment-dots mr-1"></i> Instruksi Pimpinan</p>
          <p class="text-sm text-amber-900 font-medium">{{ $disposisiSubbagian->disposisi->suratMasuk->instruksi_ketua ?? '-' }}</p>
        </div>
        <div class="bg-blue-50/70 border border-blue-200 p-4 rounded-2xl md:col-span-2">
          <p class="text-xs text-blue-700 font-bold mb-1"><i class="fas fa-share-alt mr-1"></i> Arahan Sekretaris</p>
          <p class="text-sm text-blue-900 font-medium">{{ $disposisiSubbagian-
```

```
>disposisi->suratMasuk->arahan_sekretaris ??
'-' }}</p>
            </div>
            @if($disposisiSubbagian-
>catatan_khusus)
            <div class="bg-purple-50/70 border
border-purple-200 p-4 rounded-2xl md:col-span-
2">
                <p class="text-xs text-purple-700
font-bold mb-1"><i class="fas fa-sticky-note mr-
1"></i> Catatan Khusus dari Bagian Umum</p>
                <p class="text-sm text-purple-900
font-medium">{{ $disposisiSubbagian-
>catatan_khusus }}</p>
            </div>
            @endif
            @if($disposisiSubbagian->disposisi-
>suratMasuk->file_lampiran)
            @php
                $lampFile = $disposisiSubbagian-
>disposisi->suratMasuk->file_lampiran;
                $ext =
strtolower(pathinfo($lampFile,
PATHINFO_EXTENSION));
                $isImg = in_array($ext, ['jpg', 'jpeg',
'png', 'gif', 'webp', 'svg']);
                $isPdf = ($ext === 'pdf');
                $isOffice = in_array($ext, ['doc',
'docx', 'xls', 'xlsx', 'ppt', 'pptx']);
                $badgeIcon = $isImg ? 'fa-file-
image text-blue-500' : ($isPdf ? 'fa-file-pdf text-
rose-500' : ($isOffice ? 'fa-file-word text-blue-
600' : 'fa-paperclip text-slate-500'));
                $bgIcon = $isImg ? 'bg-blue-100' :
($isPdf ? 'bg-rose-100' : 'bg-slate-100');
                $typeText = $isImg ? 'Gambar' :
($isPdf ? 'PDF' : ($isOffice ? 'Office' :
'Dokumen'));
            @endphp
            <div class="bg-slate-50 border border-
slate-200 p-4 rounded-2xl md:col-span-2 flex
items-center justify-between">
                <div class="flex items-center gap-
3">
                    <div class="w-10 h-10 {{ $bgIcon
}} rounded-xl flex items-center justify-center">
                        <i class="fas {{ $badgeIcon }}
text-lg"></i>
                    </div>
                    <div>
                        <p class="text-sm font-
semibold text-slate-800">Lampiran Surat Masuk
({{ $typeText }})</p>
                        <p class="text-xs text-slate-
400">File lampiran surat untuk referensi
penugasan</p>
                    </div>
                </div>
                <a href="#"
@click.prevent="$dispatch('preview-doc', { url: '{{
Storage::url($lampFile) }}', title: 'Lampiran: {{
$disposisiSubbagian->disposisi->suratMasuk-
>no_surat }}', google: true })"
                    class="px-4 py-2 bg-white border
border-slate-200 text-slate-700 rounded-xl text-
xs font-bold hover:bg-slate-50 transition-colors
shadow-sm flex items-center gap-1.5">
                    <i class="fas fa-eye text-
primary"></i> Preview Lampiran {{ $typeText }}
                </a>
            </div>
            @endif
        </div>

        {{-- TABEL LIST: Ditampilkan jika personil
SUDAH DIKONFIRMASI --}}
        @if($disposisiSubbagian->status !==
'menunggu_konfirmasi')
        <div class="p-6 border-b border-slate-100
bg-slate-50/50">
            <div class="flex items-center justify-
between mb-4">
                <div>
                    <h4 class="font-bold text-slate-800
text-base flex items-center gap-2">
                        <i class="fas fa-users text-
emerald-600"></i>
                        <span>Personil Pelaksana yang
Dikonfirmasi</span>
                    </h4>
                    <p class="text-xs text-slate-500 mt-
0.5">Daftar pegawai yang telah ditugaskan
untuk subbagian ini.</p>
                </div>
                @if($isLocked)
                    <span class="px-3.5 py-1.5 bg-
rose-50 text-rose-700 border border-rose-200
font-bold text-xs rounded-xl flex items-center
gap-1.5 shadow-sm">
                        <i class="fas fa-lock text-rose-
500"></i>
                        <span>Personil Terkunci (Surat
Tugas / LPJ Sudah Diterbitkan)</span>
                    </span>
                @else
                    <button type="button"
@click="showForm = !showForm" class="px-4
py-2 bg-emerald-50 hover:bg-emerald-100 text-
emerald-800 border border-emerald-200 font-
bold text-xs rounded-xl shadow-sm transition-all
flex items-center gap-2">
```

```
                    <i class="fas fa-user-edit text-emerald-600"></i>
                    <span x-text="showForm ? 'Sembunyikan Form Ubah' : 'Ubah Personil Pelaksana'">Ubah Personil Pelaksana</span>
                </button>
            @endif
        </div>
        <div class="overflow-x-auto rounded-2xl border border-slate-200 bg-white shadow-sm">
            <table class="w-full text-left border-collapse">
                <thead>
                    <tr class="bg-slate-50 border-b border-slate-200 text-xs font-bold text-slate-500 uppercase tracking-wider">
                        <th class="px-5 py-3 w-12 text-center">No</th>
                        <th class="px-5 py-3">Nama Pegawai</th>
                        <th class="px-5 py-3">Jabatan</th>
                        <th class="px-5 py-3">NIP</th>
                        <th class="px-5 py-3">Subbagian</th>
                        <th class="px-5 py-3 text-center">Status</th>
                    </tr>
                </thead>
                <tbody class="divide-y divide-slate-100 text-sm">
                    @php
                        $eselonOrder = [
                            'II'   => 1,
                            'II.A' => 1,
                            'II.B' => 2,
                            'III'  => 3,
                            'III.A'=> 3,
                            'III.B'=> 4,
                            'IV'   => 5,
                            'IV.A' => 5,
                            'IV.B' => 6,
                        ];
                        $sortedKonfirmasiPegawai = $disposisiSubbagian->pegawaiList->sortBy(function ($pgw) use ($eselonOrder) {
                            $eselon = strtoupper(trim($pgw->jabatan?->eselon ?? ''));
                            $eRank = $eselonOrder[$eselon] ?? 99;
                            $biayaRank = 10 - ($pgw->jabatan?->tingkat_biaya ?? 1);
                            $golName = $pgw->golongan?->kode_golongan ?? '';
                            return sprintf('%02d-%02d-%s-%s', $eRank, $biayaRank, $golName, $pgw->nama_lengkap);
                        })->values();
                    @endphp

                    @forelse($sortedKonfirmasiPegawai as $index => $pgw)
                        <tr class="hover:bg-slate-50/60 transition-colors">
                            <td class="px-5 py-3.5 text-center font-semibold text-slate-400 text-xs">{{ $index + 1 }}</td>
                            <td class="px-5 py-3.5 font-bold text-slate-800">{{ $pgw->nama_lengkap }}</td>
                            <td class="px-5 py-3.5 text-xs text-slate-600 font-medium">{{ $pgw->jabatan?->nama_jabatan ?? 'Staf' }}</td>
                            <td class="px-5 py-3.5 font-mono text-xs text-slate-500">{{ $pgw->nip ?? '-' }}</td>
                            <td class="px-5 py-3.5">
                                @if($pgw->jabatan?->kode_subbagian)
                                    <span class="px-2 py-0.5 bg-slate-100 text-slate-600 rounded text-[10px] font-semibold uppercase">
                                        {{ str_replace('_', ' ', $pgw->jabatan->kode_subbagian) }}
                                    </span>
                                @else
                                    <span class="text-xs text-slate-400">-</span>
                                @endif
                            </td>
                            <td class="px-5 py-3.5 text-center">
                                <span class="px-2.5 py-1 bg-emerald-100 text-emerald-800 font-bold text-[10px] rounded-full inline-flex items-center gap-1">
                                    <i class="fas fa-check-circle text-emerald-600"></i> Dikonfirmasi
                                </span>
                            </td>
                        </tr>
                    @empty
                        <tr>
                            <td colspan="6" class="px-5 py-8 text-center text-slate-400 italic">Belum ada personil yang dikonfirmasi.</td>
                        </tr>
                    @endforelse
                </tbody>
            </table>
```

```
        </div>
    </div>
    @endif

    {{-- FORM PILIH PEGAWAI (CARD GRID): Ditampilkan jika BELUM TERKUNCI --}}
    @if(!$isLocked)
    <form action="{{ route('disposisi.konfirmasi-simpan', $disposisiSubbagian->id) }}" method="POST" class="p-6" x-show="showForm" x-collapse>
        @csrf
        <div class="flex items-center justify-between mb-4">
            <div>
                <h4 class="font-bold text-slate-800 text-base">Pilih Pegawai Pelaksana</h4>
                <p class="text-xs text-slate-500 mt-0.5">Centang satu atau lebih pegawai dari daftar berikut untuk ditugaskan (dapat memilih pegawai dari subbagian lain).</p>
            </div>
        </div>

        <div class="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-3 max-h-[400px] overflow-y-auto pr-2">
            @foreach($pegawais as $pegawai)
            @php
                $claimedByOther = $selectedByOtherSubbagian[$pegawai->id] ?? null;
                $isCheckedByMe = $disposisiSubbagian->pegawaiList->contains($pegawai->id);
                $isDisabled = $claimedByOther && !$isCheckedByMe;
            @endphp
            <label class="flex items-start gap-3 p-4 border rounded-2xl transition-all {{ $isDisabled ? 'bg-slate-100/70 border-slate-200 opacity-60 cursor-not-allowed' : 'cursor-pointer hover:bg-slate-50 hover:border-emerald-400 has-[:checked]:border-emerald-500 has-[:checked]:bg-emerald-50/70 has-[:checked]:shadow-sm has-[:checked]:ring-1 has-[:checked]:ring-emerald-500 border-slate-200' }}">
                <input type="checkbox"
                    name="pegawai[]"
                    value="{{ $pegawai->id }}"
                    @checked($isCheckedByMe)
                    @disabled($isDisabled)
                    class="mt-1 w-4 h-4 rounded text-emerald-600 focus:ring-emerald-500/20 border-slate-300 disabled:bg-slate-200 disabled:cursor-not-allowed">
                <div class="min-w-0 flex-1">
                    <div class="flex items-center justify-between gap-1 flex-wrap">
                        <p class="text-sm font-bold text-slate-800 leading-tight">{{ $pegawai->nama_lengkap }}</p>
                        @if($claimedByOther)
                            <span class="px-2 py-0.5 bg-amber-100 text-amber-800 border border-amber-300 rounded text-[9px] font-bold" title="Pegawai ini sudah dikonfirmasi oleh {{ $claimedByOther }}">
                                <i class="fas fa-user-check mr-0.5"></i> {{ $claimedByOther }}
                            </span>
                        @endif
                    </div>
                    <p class="text-xs text-slate-500 mt-1 leading-tight">{{ $pegawai->jabatan?->nama_jabatan ?? 'Staf' }}</p>
                    @if($pegawai->jabatan?->kode_subbagian)
                        <span class="inline-block mt-1 px-2 py-0.5 bg-slate-100 text-slate-600 rounded text-[10px] font-semibold uppercase">
                            {{ str_replace('_', ' ', $pegawai->jabatan->kode_subbagian) }}
                        </span>
                    @endif
                    <p class="text-[10px] text-slate-400 mt-0.5 font-mono">NIP: {{ $pegawai->nip ?? '-' }}</p>
                </div>
            </label>
            @endforeach
        </div>
        @error('pegawai')
        <p class="text-rose-500 text-xs font-bold mt-3 flex items-center gap-1"><i class="fas fa-exclamation-circle"></i> {{ $message }}</p>
        @enderror
        <div class="mt-8 pt-6 border-t border-slate-100 flex items-center justify-between">
            <a href="{{ route('disposisi.inbox') }}" class="px-6 py-2.5 border border-slate-200 text-slate-600 rounded-xl text-sm font-medium hover:bg-slate-50 transition-colors">
                <i class="fas fa-times mr-1"></i> Batal
            </a>
            <button type="submit" class="px-7 py-3 bg-emerald-600 hover:bg-emerald-700 text-white rounded-xl text-sm font-bold shadow-lg
```

```
shadow-emerald-600/25 transition-all flex items-
center gap-2">
                <i class="fas fa-check-circle"></i>
                <span>SIMPAN KONFIRMASI
PERSONIL</span>
            </button>
        </div>
    </form>
    @endif
  </div>
</div>
@endsection
```

11. Controller Surat Tugas dan SPPD (app\Http\Controllers\SuratTugasControll er.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\DisposisiModel;
use App\Models\DisposisiSubbagianModel;
use App\Models\LogNotificationModel;
use App\Models\LpjHistoryModel;
use App\Models\PegawaiModel;
use App\Models\SuratTugasModel;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\DB;
use Illuminate\Support\Facades\File;
use Illuminate\Support\Facades\Storage;
class SuratTugasController extends Controller
{
  /**
   * Bagian Umum: daftar surat tugas yang
sudah dibuat dan disposisi yang siap dibuat ST
   */
  public function index(Request $request)
  {
    $user = Auth::user();
    // 1. Daftar Surat Tugas
    $query = SuratTugasModel::with([
      'disposisi.suratMasuk',

'disposisi.subbagianList.pegawaiList.jabatan',
      'penandatangan.jabatan',
      'lpj',
    ])->latest();
    // Jika subbagian (hukum, teknis,
perencanaan) dan bukan admin/subbag_umum,
filter hanya ST milik subbagiannya
    if (!$user->hasAnyRole(['admin',
'subbag_umum', 'ketua', 'sekretaris',
'bendahara', 'ppk'])) {
      $query-
>whereHas('disposisi.subbagianList',
function($q) use ($user) {
        $q->where('subbagian_user_id',
$user->id);
      });
    }
    // Filter Kata Kunci
    if ($request->filled('search')) {
      $search = $request->search;
      $query->where(function ($q) use
($search) {
        $q->where('no_st', 'like',
"%{$search}%")
          ->orWhere('kode_program', 'like',
"%{$search}%")
          ->orWhere('untuk', 'like',
"%{$search}%")
          ->orWhere('tempat_pelaksanaan',
'like', "%{$search}%")
          -
>orWhereHas('disposisi.suratMasuk', function
($smq) use ($search) {
            $smq->where('no_surat', 'like',
"%{$search}%")
              ->orWhere('perihal', 'like',
"%{$search}%")
              ->orWhere('asal_surat', 'like',
"%{$search}%");
          })
          -
>orWhereHas('disposisi.subbagianList.pegawaiL
ist', function ($pq) use ($search) {
            $pq->where('nama_lengkap', 'like',
"%{$search}%");
          });
      });
    }
    // Filter Tanggal
    if ($request->filled('tgl_mulai')) {
      $query->where(function ($q) use
($request) {
        $q-
>whereDate('tgl_pelaksanaan_mulai', '>=',
$request->tgl_mulai)
          ->orWhereDate('diterbitkan_at', '>=',
$request->tgl_mulai);
      });
    }
    if ($request->filled('tgl_selesai')) {
      $query->where(function ($q) use
($request) {
        $q-
>whereDate('tgl_pelaksanaan_mulai', '<=',
$request->tgl_selesai)
          ->orWhereDate('diterbitkan_at', '<=',
$request->tgl_selesai);
      });
    }
```

```
        $suratTugasList = $query->paginate(10,
['*'], 'st_page')->withQueryString();
        // 2. Daftar Disposisi ke Subbagian yang
belum dibuat ST (Siap / Menunggu Konfirmasi
Personil)
        $disposisiReady = collect();
        if ($user->hasAnyRole(['admin',
'subbag_umum'])) {
            $disposisiReady =
DisposisiModel::whereHas('subbagianList')
                            ->doesntHave('suratTugas')
                            ->with([
                                'suratMasuk',

'subbagianList.pegawaiList',

'subbagianList.subbagianUser.pegawai.jabatan'
                            ])
                            ->latest()
                            ->paginate(10, ['*'],
'ready_page')
                            ->withQueryString();
        }
        return view('surat-tugas.index',
compact('suratTugasList', 'disposisiReady'));
    }
    private function checkAccess()
    {
        if (!Auth::user()->hasAnyRole(['admin',
'subbag_umum'])) {
            abort(403, 'Akses membuat/mengedit
Surat Tugas hanya untuk Subbag Umum dan
Admin.');
        }
    }
    /**
     * Bagian Umum: form buat surat tugas dari
disposisi
     */
    public function create(Request $request)
    {
        $this->checkAccess();
        $disposisiId = $request->disposisi_id;
        $disposisi  = DisposisiModel::with([
            'suratMasuk',
            'pimpinan.pegawai.jabatan',
            'subbagianList.pegawaiList.jabatan',
            'subbagianList.pegawaiList.golongan',
        ])->findOrFail($disposisiId);
        // Cek apakah sudah ada ST
        if ($disposisi->suratTugas) {
            return redirect()->route('surat-tugas.edit',
$disposisi->suratTugas->id)
                             ->with('info', 'Surat tugas
sudah dibuat. Anda dapat mengedit.');
        }

        // Pejabat penandatangan - default
pimpinan
        $penandatanganList =
PegawaiModel::whereHas('jabatan', function
($q) {
            $q->whereIn('eselon', ['II', 'III']);
        })->with('jabatan')->get();

        $nextST =
SuratTugasModel::generateNumber('PL.01');
        $kodePrograms =
SuratTugasModel::kodePrograms();
        return view('surat-tugas.form', compact(
            'disposisi',
            'penandatanganList',
            'nextST',
            'kodePrograms'
        ));
    }
    /**
     * Bagian Umum: simpan surat tugas
     */
    public function store(Request $request)
    {
        $this->checkAccess();
        $validated = $request->validate([
            'disposisi_id'          =>
'required|exists:disposisi,id',
            'no_st'                 =>
'required|string|max:80|unique:surat_tugas,no_st
',
            'kode_program'          =>
'required|string|max:20',
            'penandatangan_id'      =>
'required|exists:pegawai,id',
            'kepada'                => 'required|string',
            'menimbang'             => 'nullable|array',
            'dasar'                 => 'nullable|array',
            'menimbang_a'           =>
'nullable|string',
            'menimbang_b'           =>
'nullable|string',
            'dasar_a'               => 'nullable|string',
            'dasar_b'               => 'nullable|string',
            'untuk'                 =>
'required|array|min:1',
            'untuk.*'               => 'nullable|string',
            'tempat_pelaksanaan'    =>
'required|string|max:200',
            'tgl_pelaksanaan_mulai' =>
'required|date',
            'tgl_pelaksanaan_selesai' =>
'required|date|after_or_equal:tgl_pelaksanaan_
mulai',
            'lampiran_personil'     =>
'nullable|boolean',
```

```
        ], [
            'no_st.unique' => 'Nomor Surat Tugas "' .
$request->no_st . '" sudah digunakan. Nomor
baru yang disarankan: ' .
SuratTugasModel::generateNumber($request-
>kode_program ?? 'PL.01'),
        ]);
        $validated['dibuat_oleh']   = Auth::id();
        $validated['diterbitkan_at'] = now();
        $validated['lampiran_personil'] = $request-
>has('lampiran_personil');
        // Filter null values from arrays
        if ($request->has('menimbang')) {
            $validated['menimbang'] =
array_values(array_filter($request-
>input('menimbang'), fn($val) => !is_null($val)
&& trim($val) !== ''));
        }
        if ($request->has('dasar')) {
            $validated['dasar'] =
array_values(array_filter($request-
>input('dasar'), fn($val) => !is_null($val) &&
trim($val) !== ''));
        }
        if ($request->has('untuk')) {
            $validated['untuk'] =
array_values(array_filter($request-
>input('untuk'), fn($val) => !is_null($val) &&
trim($val) !== ''));
        }
        $st = SuratTugasModel::create($validated);
        // Generate & Simpan PDF ST, Record
SPPD, dan PDF SPPD

\App\Services\PdfGeneratorService::generateAn
dSave($st);
        // Update status semua disposisi subbagian
menjadi selesai
        $disposisi =
DisposisiModel::findOrFail($validated['disposisi_i
d']);
        foreach ($disposisi->subbagianList as $ds)
{
            $ds->update(['status' => 'selesai']);
        }
        $disposisi->update(['status' => 'selesai']);
        if ($disposisi->suratMasuk) {
            $disposisi->suratMasuk->update(['status'
=> 'selesai']);
        }
        // Notify Subbagian that Surat Tugas is
ready and LPJ needs to be made
        foreach ($disposisi->subbagianList as $ds)
{
            if ($ds->subbagian_user_id) {
\App\Services\NotificationService::sendToUser(
                $ds->subbagian_user_id,
                'Surat Tugas Terbit',
                'Surat Tugas no. ' . $st->no_st . '
telah diterbitkan. Harap siapkan Laporan LPJ
jika perjalanan telah selesai.',
                route('lpj.index'),
                $st->id,
                'SuratTugas'
            );
        }
    }
    return redirect()->route('surat-tugas.show',
$st->id) ->with('success', 'Surat Tugas berhasil
diterbitkan.');
  }

  /**
   * Tampil detail surat tugas
   */
  public function show(SuratTugasModel
$suratTugas)
  {
    $user = Auth::user();
    if (!$user->hasAnyRole(['admin',
'subbag_umum', 'ketua', 'sekretaris',
'bendahara', 'ppk'])) {
        $hasAccess = $suratTugas->disposisi?-
>subbagianList()->where('subbagian_user_id',
$user->id)
                        ->exists();
        if (!$hasAccess) {
          abort(403, 'Anda tidak memiliki akses
ke Surat Tugas ini.');
        }
    }
    $suratTugas->load([
      'disposisi.suratMasuk',

'disposisi.subbagianList.pegawaiList.jabatan',

'disposisi.subbagianList.pegawaiList.golongan',
        'penandatangan.jabatan',
    ]);
    return view('surat-tugas.show',
compact('suratTugas'));
  }
  /**
   * Form edit surat tugas (sebelum dicetak
resmi)
   */
  public function edit(SuratTugasModel
$suratTugas)
  {
    $this->checkAccess();
```

```
        $suratTugas->load([
            'disposisi.suratMasuk',

'disposisi.subbagianList.pegawaiList.jabatan',
        ]);
        $penandatanganList =
PegawaiModel::whereHas('jabatan', function
($q) {
            $q->whereIn('eselon', ['II', 'III']);
        })->with('jabatan')->get();
        $kodePrograms =
SuratTugasModel::kodePrograms();
        return view('surat-tugas.form',
compact('suratTugas', 'penandatanganList',
'kodePrograms'));
    }
    public function update(Request $request,
SuratTugasModel $suratTugas)
    {
        $this->checkAccess();
        $validated = $request->validate([
            'no_st'                =>
'required|string|max:80|unique:surat_tugas,no_st
,' . $suratTugas->id,
            'kode_program'         =>
'required|string|max:20',
            'penandatangan_id'     =>
'required|exists:pegawai,id',
            'kepada'               => 'required|string',
            'menimbang'            => 'nullable|array',
            'dasar'                => 'nullable|array',
            'menimbang_a'          =>
'nullable|string',
            'menimbang_b'          =>
'nullable|string',
            'dasar_a'              => 'nullable|string',
            'dasar_b'              => 'nullable|string',
            'untuk'                =>
'required|array|min:1',
            'untuk.*'              => 'nullable|string',
            'tempat_pelaksanaan'   =>
'required|string|max:200',
            'tgl_pelaksanaan_mulai'  =>
'required|date',
            'tgl_pelaksanaan_selesai' =>
'required|date|after_or_equal:tgl_pelaksanaan_
mulai',
            'lampiran_personil'    =>
'nullable|boolean',
        ]);

        $validated['lampiran_personil'] = $request-
>has('lampiran_personil');

        // Filter null values from arrays
        if ($request->has('menimbang')) {
            $validated['menimbang'] =
array_values(array_filter($request-
>input('menimbang'), fn($val) => !is_null($val)
&& trim($val) !== ''));
        }
        if ($request->has('dasar')) {
            $validated['dasar'] =
array_values(array_filter($request-
>input('dasar'), fn($val) => !is_null($val) &&
trim($val) !== ''));
        }
        if ($request->has('untuk')) {
            $validated['untuk'] =
array_values(array_filter($request-
>input('untuk'), fn($val) => !is_null($val) &&
trim($val) !== ''));
        }
        $suratTugas->update($validated);
        // Generate & Simpan PDF ST, Record
SPPD, dan PDF SPPD

\App\Services\PdfGeneratorService::generateAn
dSave($suratTugas);

        return redirect()->route('surat-tugas.show',
$suratTugas->id)
                         ->with('success', 'Surat Tugas
berhasil diperbarui.');
    }
    public function destroy(SuratTugasModel
$suratTugas)
    {
        $this->checkAccess();
        $suratTugas->load([
            'sppd',
            'lpj.history',
            'disposisi.subbagianList.pegawaiList',
            'disposisi.suratMasuk',
        ]);

        DB::transaction(function () use
($suratTugas) {
            // 1. Hapus file PDF ST jika ada
            if ($suratTugas->file_st_pdf) {
                if (Storage::disk('public')-
>exists($suratTugas->file_st_pdf)) {
                    Storage::disk('public')-
>delete($suratTugas->file_st_pdf);
                }
                $fullStPath =
storage_path('app/public/' . $suratTugas-
>file_st_pdf);
                if (File::exists($fullStPath)) {
                    File::delete($fullStPath);
                }
            }
```

```
        // 2. Hapus relasi & file SPPD jika ada
        if ($suratTugas->sppd) {
            $sppd = $suratTugas->sppd;
            if ($sppd->file_sppd_pdf) {
                if (Storage::disk('public')->exists($sppd->file_sppd_pdf)) {
                    Storage::disk('public')->delete($sppd->file_sppd_pdf);
                }
                $fullSppdPath = storage_path('app/public/' . $sppd->file_sppd_pdf);
                if (File::exists($fullSppdPath)) {
                    File::delete($fullSppdPath);
                }
            }
            $sppd->delete();
        }
        // 3. Hapus relasi, history, & file LPJ jika ada
        if ($suratTugas->lpj) {
            $lpj = $suratTugas->lpj;
            if ($lpj->file_lpj) {
                if (Storage::disk('public')->exists($lpj->file_lpj)) {
                    Storage::disk('public')->delete($lpj->file_lpj);
                }
                $fullLpjPath = storage_path('app/public/' . $lpj->file_lpj);
                if (File::exists($fullLpjPath)) {
                    File::delete($fullLpjPath);
                }
            }
            // Hapus notifikasi terkait LPJ
            LogNotificationModel::where('reference_type', 'Lpj')
                ->where('reference_id', $lpj->id)
                ->delete();
            // Hapus history LPJ
            LpjHistoryModel::where('lpj_id', $lpj->id)->delete();
            $lpj->delete();
        }
        // 4. Hapus notifikasi terkait Surat Tugas
        LogNotificationModel::where('reference_type', 'SuratTugas')
            ->where('reference_id', $suratTugas->id)
            ->delete();
        // 5. Kembalikan (revert) status Disposisi, Disposisi Subbagian, & Surat Masuk
        if ($suratTugas->disposisi) {
            $disposisi = $suratTugas->disposisi;
            foreach ($disposisi->subbagianList as $ds) {
                $hasPegawai = $ds->pegawaiList()->exists();
                $ds->update([
                    'status' => $hasPegawai ? 'personil_dikonfirmasi' : 'menunggu_konfirmasi'
                ]);
            }
            $disposisi->update(['status' => 'terkirim']);
            if ($disposisi->suratMasuk) {
                $disposisi->suratMasuk->update(['status' => 'didisposisi']);
            }
        }
        // 6. Hapus record Surat Tugas
        $suratTugas->delete();
    });
    return redirect()->route('surat-tugas.index')->with('success', 'Surat Tugas dan seluruh data relasi berhasil dihapus.');
  }
}
```

12. Tampilan Halaman Daftar Surat Tugas dan SPPD

```
@extends('layouts.app')
@section('title', 'Surat Tugas')
@section('content')
<div class="space-y-8">
  {{-- 1. Daftar Disposisi Siap ST --}}
  @hasanyrole('admin|subbag_umum')
  <div>
    <div class="flex items-center justify-between mb-4">
      <div>
        <h3 class="text-slate-800 font-semibold text-lg flex items-center gap-2">
          <i class="fas fa-file-export text-amber-500"></i> Disposisi Menunggu Surat Tugas
        </h3>
        <p class="text-slate-500 text-sm">Surat masuk yang personilnya sudah dikonfirmasi oleh Sub Bagian</p>
      </div>
    </div>
    <div class="bg-white rounded-3xl border border-slate-100 shadow-sm overflow-hidden">
      <div class="overflow-x-auto">
        <table class="w-full text-left">
          <thead class="bg-amber-50/50 border-b border-amber-100">
            <tr>
```

```
                    <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">No Surat</th>
                    <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Sub Bagian</th>
                    <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Personil Dikonfirmasi</th>
                    <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-right">Aksi</th>
                  </tr>
                </thead>
                <tbody class="divide-y divide-slate-
50">
                  @forelse($disposisiReady as
$ds)
                  @php
                    $hasPersonnel = $ds-
>subbagianList->flatMap->pegawaiList->count()
> 0 || $ds->subbagianList->contains(fn($sbg) =>
$sbg->status === 'personil_dikonfirmasi');
                  @endphp
                  <tr class="hover:bg-slate-50/50
transition-colors">
                    <td class="px-6 py-4 max-w-
xs">
                      <p class="text-sm font-
medium text-slate-700">{{ $ds->suratMasuk?-
>no_surat }}</p>
                      <p class="text-xs text-slate-
500 mt-0.5 line-clamp-1">{{ $ds->suratMasuk?-
>perihal }}</p>
                    </td>
                    <td class="px-6 py-4">
                      <div class="flex flex-col gap-
2">
                        @foreach($ds-
>subbagianList as $sbg)
                          <div class="border-b
border-slate-100 pb-1">
                            <p class="text-xs font-
semibold text-slate-800">
                              {{ $sbg-
>subbagianUser?->pegawai?->jabatan?-
>nama_jabatan ?? 'Sub Bagian' }}
                            </p>
                          </div>
                          @endforeach
                      </div>
                    </td>
                    <td class="px-6 py-4">
                      <div class="flex flex-wrap
gap-1">
                        @php
                          $eselonOrder = [
                            'II'   => 1,
                            'II.A' => 1,
                            'II.B' => 2,
                            'III'  => 3,
                            'III.A'=> 3,
                            'III.B'=> 4,
                            'IV'   => 5,
                            'IV.A' => 5,
                            'IV.B' => 6,
                          ];

$uniquePegawaiReady = $ds->subbagianList-
>flatMap->pegawaiList->unique('id')-
>sortBy(function ($pgw) use ($eselonOrder) {
                            $eselon =
strtoupper(trim($pgw->jabatan?->eselon ?? ''));
                            $eRank =
$eselonOrder[$eselon] ?? 99;
                            $biayaRank = 10 -
($pgw->jabatan?->tingkat_biaya ?? 1);
                            $golName = $pgw-
>golongan?->kode_golongan ?? '';
                            return sprintf('%02d-
%02d-%s-%s', $eRank, $biayaRank, $golName,
$pgw->nama_lengkap);
                          })->values();
                        @endphp

@foreach($uniquePegawaiReady as $pgw)
                          <span class="inline-flex
items-center gap-1 text-xs bg-emerald-50 text-
emerald-800 font-bold px-2.5 py-1 rounded-lg
border border-emerald-200">
                            <i class="fas fa-user-
check text-emerald-600 text-[10px]"></i>
                            {{ $pgw-
>nama_lengkap }}
                          </span>
                        @endforeach
                      </div>
                    </td>
                    <td class="px-6 py-4 text-
right">
                      @if($hasPersonnel)
                        <a href="{{ route('surat-
tugas.create', ['disposisi_id' => $ds->id]) }}"
                          class="px-4 py-2 bg-
primary text-white rounded-xl text-xs font-
semibold hover:bg-primary-dark text-left
transition-colors shadow-sm shadow-primary/20
inline-flex items-center">
                          <i class="fas fa-file-
signature mr-2"></i>Buat ST
                        </a>
                      @else
```

```
                                <span class="px-3 py-2
bg-slate-50 text-slate-400 rounded-xl text-xs
font-normal border text-left border-slate-200
inline-flex items-center">
                                    <i class="fas fa-
hourglass-half mr-2"></i>Menunggu Konfirmasi
                                </span>
                            @endif
                        </td>
                    </tr>
                    @empty
                    <tr>
                        <td colspan="4" class="px-6
py-12 text-center">
                            <div class="flex flex-col
items-center">
                                <div class="w-16 h-16 bg-
slate-50 rounded-2xl flex items-center justify-
center mb-3">
                                    <i class="fas fa-check
text-slate-400 text-2xl"></i>
                                </div>
                                <p class="text-slate-500
font-medium">Tidak ada antrian</p>
                                <p class="text-slate-400
text-sm mt-1">Semua disposisi telah dibuatkan
surat tugas.</p>
                            </div>
                        </td>
                    </tr>
                    @endforelse
                </tbody>
            </table>
        </div>
        @if($disposisiReady->hasPages())
        <div class="px-6 py-4 border-t border-
slate-100">
            {{ $disposisiReady->links() }}
        </div>
        @endif
    </div>
</div>
@endhasanyrole
{{-- 2. Daftar Surat Tugas yang sudah dibuat -
-}}
<div>
    <div class="flex items-center justify-
between mb-4">
        <div>
            <h3 class="text-slate-800 font-
semibold text-lg flex items-center gap-2">
                <i class="fas fa-list text-
primary"></i> Daftar Surat Tugas
            </h3>
            <p class="text-slate-500 text-
sm">Arsip surat tugas yang sudah dibuat</p>
        </div>
    </div>
    {{-- Filter & Search Form --}}
    <form method="GET" action="{{
route('surat-tugas.index') }}" class="mb-4 flex
flex-col xl:flex-row gap-3">
        <div class="flex-1">
            <div class="relative">
                <i class="fas fa-search absolute
left-3.5 top-1/2 -translate-y-1/2 text-slate-400
text-sm"></i>
                <input type="text" name="search"
value="{{ request('search') }}"
                    placeholder="Cari no. ST,
perihal, pegawai, tempat pelaksanaan..."
                    class="w-full pl-10 pr-4 py-2.5
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none bg-white">
            </div>
        </div>

        {{-- Filter Tanggal --}}
        <div class="flex items-center gap-2 bg-
white border border-slate-200 rounded-xl px-3
py-1.5 shadow-sm">
            <i class="fas fa-calendar-alt text-slate-
400 text-sm"></i>
            <span class="text-xs font-semibold
text-slate-500 whitespace-
nowrap">Tanggal:</span>
            <input type="date" name="tgl_mulai"
value="{{ request('tgl_mulai') }}"
                title="Tanggal Mulai"
                class="py-1 text-xs text-slate-600
outline-none bg-transparent font-medium">
            <span class="text-slate-300 text-xs
font-bold">-</span>
            <input type="date" name="tgl_selesai"
value="{{ request('tgl_selesai') }}"
                title="Tanggal Selesai"
                class="py-1 text-xs text-slate-600
outline-none bg-transparent font-medium">
        </div>
        <div class="flex items-center gap-2">
            <button type="submit" class="px-5 py-
2.5 bg-slate-800 text-white rounded-xl text-sm
font-medium hover:bg-slate-700 transition-colors
flex items-center gap-2">
                <i class="fas fa-filter text-xs"></i>
                Filter
            </button>
            @if(request('search') ||
request('tgl_mulai') || request('tgl_selesai'))
            <a href="{{ route('surat-tugas.index')
}}"
```

```
                class="px-4 py-2.5 bg-slate-100 text-
slate-600 rounded-xl text-sm font-medium
hover:bg-slate-200 transition-colors flex items-
center gap-1.5"
                title="Reset Filter">
                 <i class="fas fa-redo text-xs"></i>
                 Reset
               </a>
               @endif
             </div>
          </form>
          <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden">
             <div class="overflow-x-auto">
               <table class="w-full text-left">
                 <thead class="bg-slate-50/50
border-b border-slate-100">
                   <tr>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Nomor ST</th>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Surat Masuk</th>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Subbagian</th>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Pegawai</th>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Tanggal</th>
                     <th class="px-6 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-right">Aksi</th>
                   </tr>
                 </thead>
                 <tbody class="divide-y divide-slate-
50">
                   @forelse($suratTugasList as $st)
                   <tr class="hover:bg-slate-50/50
transition-colors">
                     <td class="px-6 py-4">
                       <p class="font-semibold
text-slate-800 text-sm">{{ $st->no_st }}</p>
                       <p class="text-xs text-slate-
400 mt-0.5">{{ $st->kode_program }}</p>
                     </td>
                     <td class="px-6 py-4 max-w-
xs">
                       <p class="text-sm font-
medium text-slate-700">{{ $st->disposisi?-
>suratMasuk?->no_surat }}</p>
                       <p class="text-xs text-slate-
500 mt-0.5 line-clamp-1">{{ $st->disposisi?-
>suratMasuk?->perihal }}</p>
                     </td>
                     <td class="px-6 py-4">
                       <div class="flex flex-wrap
gap-1">
                         @if($st->disposisi)
                           @foreach($st-
>disposisi->subbagianList as $sbg)
                             <span class="text-xs
bg-blue-50 text-blue-700 px-2 py-0.5 rounded-lg
border border-blue-200 font-semibold">
                               {{ $sbg-
>subbagianUser?->pegawai?->jabatan?-
>nama_jabatan ?? $sbg->subbagianUser?-
>name ?? $sbg->subbagianUser?->username }}
                             </span>
                           @endforeach
                         @endif
                       </div>
                     </td>
                     <td class="px-6 py-4">
                       <div class="flex flex-wrap
gap-1">
                         @if($st->disposisi)
                           @php
                             $uniquePegawai =
$st->disposisi->subbagianList->flatMap-
>pegawaiList->unique('id');
                           @endphp

@foreach($uniquePegawai as $pgw)
                             <span class="text-xs
bg-slate-100 text-slate-700 px-2 py-0.5 rounded-
lg border border-slate-200 font-medium">{{
$pgw->nama_lengkap }}</span>
                           @endforeach
                         @endif
                       </div>
                     </td>
                     <td class="px-6 py-4">
                       <p class="text-sm text-slate-
600">{{ $st->diterbitkan_at?->format('d M Y')
}}</p>
                     </td>
                     <td class="px-6 py-4">
                       <div class="flex items-center
justify-end gap-2">
                         <a href="{{ route('surat-
tugas.show', $st->id) }}"
                           class="p-2 text-slate-
500 hover:text-blue-600 hover:bg-blue-50
rounded-lg transition-colors" title="Detail">
                           <i class="fas fa-eye
text-sm"></i>
```

```
                        </a>

@hasanyrole('admin|subbag_umum')
                        <a href="{{ route('surat-tugas.edit', $st->id) }}"
                           class="p-2 text-slate-500 hover:text-amber-600 hover:bg-amber-50 rounded-lg transition-colors" title="Edit">
                            <i class="fas fa-pencil-alt text-sm"></i>
                        </a>
                        <form action="{{ route('surat-tugas.destroy', $st->id) }}" method="POST" class="inline-block" @submit.prevent="$dispatch('confirm-modal', { message: 'Apakah Anda yakin ingin menghapus Surat Tugas ini? Seluruh data relasi (SPPD, LPJ, & file) juga akan dihapus dan status disposisi akan dikembalikan.', formElement: $el })">
                            @csrf
                            @method('DELETE')
                            <button type="submit" class="p-2 text-slate-500 hover:text-rose-600 hover:bg-rose-50 rounded-lg transition-colors" title="Hapus Surat Tugas">
                                <i class="fas fa-trash-alt text-sm"></i>
                            </button>
                        </form>
                        @endhasanyrole
                        <a href="#" @click.prevent="$dispatch('preview-doc', { url: '{{ route('pdf.preview-st-html', $st->id) }}', title: 'Preview Surat Tugas - {{ $st->no_st }}', google: false })"
                           class="p-2 text-slate-500 hover:text-purple-600 hover:bg-purple-50 rounded-lg transition-colors" title="Preview Surat Tugas">
                            <i class="fas fa-file-alt text-sm"></i>
                        </a>
                    </div>
                    <div class="flex items-center justify-end gap-2 mt-2">
                        @if($st->lpj)
                            @php
                                $lpj_colors = [
                                    'menunggu' => 'bg-amber-50 text-amber-700 border-amber-200',
                                    'disetujui' => 'bg-emerald-50 text-emerald-700 border-emerald-200',
                                    'ditolak' => 'bg-rose-50 text-rose-700 border-rose-200',
                                ];
                                $color = $lpj_colors[$st->lpj->status_validasi] ?? 'bg-slate-50 text-slate-700 border-slate-200';
                                $label = [
                                    'menunggu' => 'LPJ: Menunggu',
                                    'disetujui' => 'LPJ: Disetujui',
                                    'ditolak' => 'LPJ: Ditolak',
                                ];
                            @endphp
                            <span class="px-2.5 py-1 text-xs font-semibold rounded-lg border {{ $color }}">
                                {{ $label[$st->lpj->status_validasi] ?? $st->lpj->status_validasi }}
                            </span>
                        @else
                            <a href="{{ route('lpj.create', ['surat_tugas_id' => $st->id]) }}"
                               class="px-2.5 py-1 text-xs font-semibold bg-amber-500 text-white rounded-lg hover:bg-amber-600 transition-colors" title="Buat Laporan LPJ">
                                <i class="fas fa-clipboard-list mr-1"></i>Buat LPJ
                            </a>
                        @endif
                    </div>
                </td>
            </tr>
            @empty
            <tr>
                <td colspan="6" class="px-6 py-16 text-center">
                    <div class="flex flex-col items-center">
                        <div class="w-16 h-16 bg-slate-100 rounded-2xl flex items-center justify-center mb-4">
                            <i class="fas fa-file-signature text-slate-400 text-2xl"></i>
                        </div>
                        <p class="text-slate-500 font-medium">Belum ada surat tugas</p>
                        <p class="text-slate-400 text-sm mt-1">Surat tugas akan muncul di sini setelah dibuat.</p>
                    </div>
                </td>
            </tr>
            @endforelse
```

```
            </tbody>
          </table>
        </div>
        @if($suratTugasList->hasPages())
        <div class="px-6 py-4 border-t border-
slate-100">
          {{ $suratTugasList->links() }}
        </div>
        @endif
      </div>
    </div>
</div>
@endsection
```

13. Tampilan Form Penerbitan Surat Tugas dan SPPD (resources\views\surat-tugas\form.blade.php)

```
@extends('layouts.app')
@section('title', 'Buat Surat Tugas')
@section('content')
<div class="max-w-4xl mx-auto space-y-6">
  {{-- Header --}}
  <div class="flex items-center gap-4">
    <a href="{{ route('surat-tugas.index') }}"
class="p-2 text-slate-500 hover:text-slate-800
hover:bg-slate-100 rounded-xl transition-
colors">
      <i class="fas fa-arrow-left"></i>
    </a>
    <div>
      <h3 class="font-semibold text-slate-800
text-lg">
        {{ isset($suratTugas) ? 'Edit Surat
Tugas' : 'Buat Surat Tugas' }}
      </h3>
      <p class="text-slate-500 text-sm">Sesuai
format Surat Tugas KPU Kabupaten Deli
Serdang</p>
    </div>
  </div>
  @php
    $disposisi  = $suratTugas->disposisi ??
$disposisi;
    $suratMasuk  = $disposisi->suratMasuk;

    $allPegawai = collect();
    foreach($disposisi->subbagianList as $sbg)
{
      $allPegawai = $allPegawai-
>merge($sbg->pegawaiList);
    }
    $allPegawai = $allPegawai->unique('id');

    // Filter: Pelaksana/Staf saja
    $pegawaiList = $allPegawai-
>filter(function($pgw) {
      $eselon = $pgw->jabatan?->eselon;
      return !in_array($eselon, ['II', 'III', 'IV']);
    });

    // Filter: Pimpinan (Ketua, Sekretaris,
Kasubbag)
    $pimpinanList = $allPegawai-
>filter(function($pgw) {
      $eselon = $pgw->jabatan?->eselon;
      return in_array($eselon, ['II', 'III', 'IV']);
    });
  @endphp

  {{-- Info Disposisi --}}
  <div class="bg-blue-50 border border-blue-
100 rounded-2xl p-5">
    <div class="grid grid-cols-1 md:grid-cols-2
gap-x-8 gap-y-2 text-sm">
      <div>
        <span class="text-blue-600 font-
medium">Surat Masuk:</span>
        <span class="text-blue-800 ml-2">{{
$suratMasuk->no_surat }}</span>
      </div>
      <div>
        <span class="text-blue-600 font-
medium">Dari:</span>
        <span class="text-blue-800 ml-2">{{
$suratMasuk->asal_surat }}</span>
      </div>
      <div class="md:col-span-2">
        <span class="text-blue-600 font-
medium">Perihal:</span>
        <span class="text-blue-800 ml-2">{{
$suratMasuk->perihal }}</span>
      </div>
    </div>

    {{-- Pegawai yang ditunjuk --}}
    @if($pegawaiList->count() > 0 ||
$pimpinanList->count() > 0)
    <div class="mt-3 pt-3 border-t border-blue-
200">
      <p class="text-xs font-semibold text-
blue-600 mb-2">
        {{ $pimpinanList->count() > 0 ?
'Pimpinan & Pegawai yang Ditunjuk:' : 'Pegawai
yang Ditunjuk:' }}
      </p>
      <div class="flex flex-wrap gap-2">
        @foreach($pimpinanList as $pgw)
        <span class="px-2 py-1 bg-amber-100
text-amber-800 border border-amber-200
```

```
rounded-lg text-xs font-semibold">{{ $pgw->nama_lengkap }} (Pimpinan)</span>
            @endforeach
            @foreach($pegawaiList as $pgw)
            <span class="px-2 py-1 bg-blue-100 text-blue-700 rounded-lg text-xs font-medium">{{ $pgw->nama_lengkap }}</span>
            @endforeach
          </div>
        </div>
        @endif
    </div>

    {{-- Form Surat Tugas --}}
    <form action="{{ isset($suratTugas) ? route('surat-tugas.update', $suratTugas->id) : route('surat-tugas.store') }}"
          method="POST" class="space-y-5">
        @csrf
        @if(isset($suratTugas)) @method('PUT') @endif
        @if(!isset($suratTugas))
        <input type="hidden" name="disposisi_id" value="{{ $disposisi->id }}">
        @endif

        {{-- Nomor ST & Kode Program --}}
        <div class="bg-white rounded-3xl border border-slate-100 shadow-sm p-6">
          <h4 class="font-semibold text-slate-700 mb-5 pb-3 border-b border-slate-100">Identitas Surat Tugas</h4>
          <div class="grid grid-cols-1 md:grid-cols-3 gap-5">
            <div class="md:col-span-2">
              <label class="block text-sm font-medium text-slate-700 mb-2">
                Nomor Surat Tugas <span class="text-rose-500">*</span>
              </label>
              <div class="relative">
                <input type="text" name="no_st" id="no_st"
                       value="{{ old('no_st', $suratTugas->no_st ?? $nextST ?? '') }}"
                       placeholder="216/PL.01-ST/1207/2/2026"
                       class="w-full px-4 py-3 border border-slate-200 rounded-xl text-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none @error('no_st') border-rose-400 @enderror">
              </div>
              <p class="text-xs text-slate-400 mt-1">Format: {urut}/{kode}-ST/1207/{bulan}/{tahun}</p>
              @error('no_st') <p class="text-rose-500 text-xs mt-1">{{ $message }}</p> @enderror
            </div>
            <div>
              <label class="block text-sm font-medium text-slate-700 mb-2">
                Kode Program <span class="text-rose-500">*</span>
              </label>
              <select name="kode_program" id="kode_program"
                      onchange="updateNoST()"
                      class="w-full px-4 py-3 border border-slate-200 rounded-xl text-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none bg-white">
                @foreach($kodePrograms as $kode => $label)
                <option value="{{ $kode }}" {{ old('kode_program', $suratTugas->kode_program ?? 'PL.01') == $kode ? 'selected' : '' }}>
                  {{ $kode }}
                </option>
                @endforeach
              </select>
            </div>
          </div>

          <div class="mt-5">
            <label class="block text-sm font-medium text-slate-700 mb-2">
              Penandatangan <span class="text-rose-500">*</span>
            </label>
            <select name="penandatangan_id"
                    class="w-full px-4 py-3 border border-slate-200 rounded-xl text-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none bg-white @error('penandatangan_id') border-rose-400 @enderror">
              <option value="">-- Pilih Penandatangan --</option>
              @foreach($penandatanganList as $pnd)
              <option value="{{ $pnd->id }}" {{ old('penandatangan_id', $suratTugas->penandatangan_id ?? '') == $pnd->id ? 'selected' : '' }}>
                {{ $pnd->nama_lengkap }} - {{ $pnd->jabatan?->nama_jabatan }}
              </option>
              @endforeach
            </select>
```

```
            @error('penandatangan_id') <p
class="text-rose-500 text-xs mt-1">{{ $message
}}</p> @enderror
          </div>
        </div>

        {{-- Menimbang --}}
        <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm p-6">
          <div class="flex items-center justify-
between mb-5 pb-3 border-b border-slate-100">
            <h4 class="font-semibold text-slate-
700">Menimbang</h4>
            <button type="button"
onclick="addMenimbang()" class="text-xs bg-
primary/10 text-primary px-3 py-1.5 rounded-lg
font-bold hover:bg-primary/20 transition-colors">
              <i class="fas fa-plus mr-1"></i>
Tambah Poin
            </button>
          </div>
          <div id="menimbang-container"
class="space-y-4">
            @php
              $menimbangItems =
old('menimbang', isset($suratTugas) &&
is_array($suratTugas->menimbang) ?
$suratTugas->menimbang : []);
              if (empty($menimbangItems)) {
                // Fallback to old structure if
available, else standard placeholder
                if (isset($suratTugas) &&
($suratTugas->menimbang_a || $suratTugas-
>menimbang_b)) {
                  $menimbangItems =
array_filter([$suratTugas->menimbang_a,
$suratTugas->menimbang_b]);
                } else {
                  $menimbangItems = [''];
                }
              }
            @endphp
            @foreach($menimbangItems as
$index => $item)
            <div class="flex gap-4 items-start
menimbang-item">
              <span class="text-sm font-semibold
text-slate-600 mt-3 w-6 flex-shrink-0 poin-
index">{{ chr(97 + $index) }}.</span>
              <div class="flex-1">
                <textarea name="menimbang[]"
rows="3"
                  placeholder="Bahwa
dalam rangka..."
                  class="w-full px-4 py-3
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none resize-none">{{ $item
}}</textarea>
              </div>
              @if($index > 0)
              <button type="button"
onclick="removePoin(this, 'menimbang')"
class="mt-3 text-rose-500 hover:text-rose-700 p-
1">
                <i class="fas fa-trash"></i>
              </button>
              @endif
            </div>
            @endforeach
          </div>
        </div>

        {{-- Dasar --}}
        <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm p-6">
          <div class="flex items-center justify-
between mb-5 pb-3 border-b border-slate-100">
            <h4 class="font-semibold text-slate-
700">Dasar</h4>
            <button type="button"
onclick="addDasar()" class="text-xs bg-
primary/10 text-primary px-3 py-1.5 rounded-lg
font-bold hover:bg-primary/20 transition-colors">
              <i class="fas fa-plus mr-1"></i>
Tambah Poin
            </button>
          </div>
          <div id="dasar-container" class="space-
y-4">
            @php
              $dasarItems = old('dasar',
isset($suratTugas) && is_array($suratTugas-
>dasar) ? $suratTugas->dasar : []);
              if (empty($dasarItems)) {
                if (isset($suratTugas) &&
($suratTugas->dasar_a || $suratTugas-
>dasar_b)) {
                  $dasarItems =
array_filter([$suratTugas->dasar_a,
$suratTugas->dasar_b]);
                } else {
                  $dasarItems = [''];
                }
              }
            @endphp
            @foreach($dasarItems as $index =>
$item)
            <div class="flex gap-4 items-start
dasar-item">
```

```
                <span class="text-sm font-semibold
text-slate-600 mt-3 w-6 flex-shrink-0 poin-
index">{{ chr(97 + $index) }}.</span>
                <div class="flex-1">
                  <textarea name="dasar[]"
rows="2"
                            placeholder="Undang-
undang Nomor... / Surat KPU Nomor..."
                            class="w-full px-4 py-3
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none resize-none">{{ $item
}}</textarea>
                </div>
                @if($index > 0)
                <button type="button"
onclick="removePoin(this, 'dasar')" class="mt-3
text-rose-500 hover:text-rose-700 p-1">
                  <i class="fas fa-trash"></i>
                </button>
                @endif
              </div>
              @endforeach
            </div>
          </div>

          {{-- Memberi Tugas --}}
          <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm p-6">
            <h4 class="font-semibold text-slate-700
mb-5 pb-3 border-b border-slate-100">Memberi
Tugas</h4>

            {{-- Kepada (textarea input) --}}
            <div class="mb-5">
              <label class="block text-sm font-
medium text-slate-700 mb-2">
                Kepada <span class="text-rose-
500">*</span>
              </label>
              <textarea name="kepada" rows="3"
                        placeholder="ASN dan PPNPN
di Lingkungan KPU Kabupaten Deli
Serdang&#10;(Daftar Nama Terlampir)"
                        class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none resize-none @error('kepada')
border-rose-400 @enderror">{{ old('kepada',
$suratTugas->kepada ?? "ASN dan PPNPN di
Lingkungan KPU Kabupaten Deli
Serdang\n(Daftar Nama Terlampir)")
}}</textarea>
              @error('kepada') <p class="text-rose-
500 text-xs mt-1">{{ $message }}</p>
@enderror

              <div class="mt-4 flex items-center">
                <input type="checkbox"
name="lampiran_personil"
id="lampiran_personil" value="1"
                       {{ old('lampiran_personil',
$suratTugas->lampiran_personil ?? false) ?
'checked' : '' }}
                       class="w-4 h-4 text-primary
border-slate-300 rounded focus:ring-primary
focus:ring-opacity-20">
                <label for="lampiran_personil"
class="ml-2 text-sm font-semibold text-slate-700
select-none">
                  Lampirkan daftar nama personil
pada halaman lampiran PDF
                </label>
              </div>

              @if($pegawaiList->count() > 0 ||
$pimpinanList->count() > 0)
              <div class="mt-2 flex flex-wrap gap-
1.5">
                @foreach($pimpinanList as $pgw)
                <span class="px-2 py-1 bg-amber-
50 border border-amber-200 text-amber-800
rounded-lg text-xs font-semibold">{{ $pgw-
>nama_lengkap }} (Pimpinan)</span>
                @endforeach
                @foreach($pegawaiList as $pgw)
                <span class="px-2 py-1 bg-slate-
100 border border-slate-200 text-slate-600
rounded-lg text-xs">{{ $pgw->nama_lengkap
}}</span>
                @endforeach
              </div>
              @endif
            </div>

            {{-- Untuk --}}
            <div class="mb-5">
              <div class="flex items-center justify-
between mb-2">
                <label class="block text-sm font-
medium text-slate-700">
                  Untuk <span class="text-rose-
500">*</span>
                </label>
                <button type="button"
onclick="addUntuk()" class="text-xs bg-
primary/10 text-primary px-3 py-1.5 rounded-lg
font-bold hover:bg-primary/20 transition-colors">
                  <i class="fas fa-plus mr-1"></i>
Tambah Poin
                </button>
              </div>
```

```
            <div id="untuk-container"
class="space-y-3">
                @php
                    $untukItems = old('untuk',
isset($suratTugas) && is_array($suratTugas-
>untuk) ? $suratTugas->untuk : []);
                    if (empty($untukItems)) {
                        // Fallback jika data lama
berupa teks biasa
                        if (isset($suratTugas) &&
is_string($suratTugas->untuk) &&
!empty($suratTugas->untuk)) {
                            $untukItems =
array_values(array_filter(array_map('trim',
explode("\n", $suratTugas->untuk))));
                        } else {
                            $untukItems = [''];
                        }
                    }
                @endphp
                @foreach($untukItems as $index
=> $item)
                <div class="flex gap-3 items-start
untuk-item">
                    <span class="text-sm font-
semibold text-slate-500 mt-3 w-5 flex-shrink-0
untuk-index">{{ $index + 1 }}.</span>
                    <div class="flex-1">
                        <input type="text"
name="untuk[]"
                            value="{{ $item }}"
                            placeholder="Uraian tugas
/ tujuan penugasan..."
                            class="w-full px-4 py-3
border border-slate-200 rounded-xl text-sm
focus:ring-2 focus:ring-primary/20 focus:border-
primary outline-none @error('untuk') border-
rose-400 @enderror">
                    </div>
                    @if($index > 0)
                    <button type="button"
onclick="removeUntuk(this)" class="mt-3 text-
rose-500 hover:text-rose-700 p-1">
                        <i class="fas fa-trash"></i>
                    </button>
                    @endif
                </div>
                @endforeach
            </div>
            @error('untuk') <p class="text-rose-
500 text-xs mt-1">{{ $message }}</p>
@enderror
        </div>

        {{-- Tempat & Tanggal --}}
        <div class="grid grid-cols-1 md:grid-cols-
3 gap-5">
            <div class="md:col-span-1">
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Tempat Pelaksanaan <span
class="text-rose-500">*</span>
                </label>
                <input type="text"
name="tempat_pelaksanaan"
                    value="{{
old('tempat_pelaksanaan', $suratTugas-
>tempat_pelaksanaan ?? '') }}"
                    placeholder="Contoh: Aula
KPU Kabupaten Deli Serdang"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('tempat_pelaksanaan')
border-rose-400 @enderror">
                @error('tempat_pelaksanaan') <p
class="text-rose-500 text-xs mt-1">{{ $message
}}</p> @enderror
            </div>
            <div>
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Tanggal Mulai <span class="text-
rose-500">*</span>
                </label>
                <input type="date"
name="tgl_pelaksanaan_mulai"
                    value="{{
old('tgl_pelaksanaan_mulai', isset($suratTugas)
? $suratTugas->tgl_pelaksanaan_mulai?-
>format('Y-m-d') : '') }}"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('tgl_pelaksanaan_mulai')
border-rose-400 @enderror">
                @error('tgl_pelaksanaan_mulai') <p
class="text-rose-500 text-xs mt-1">{{ $message
}}</p> @enderror
            </div>
            <div>
                <label class="block text-sm font-
medium text-slate-700 mb-2">
                    Tanggal Selesai <span
class="text-rose-500">*</span>
                </label>
                <input type="date"
name="tgl_pelaksanaan_selesai"
                    value="{{
old('tgl_pelaksanaan_selesai',
isset($suratTugas) ? $suratTugas-
```

```
>tgl_pelaksanaan_selesai?->format('Y-m-d') : '')
}}"
                    class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none @error('tgl_pelaksanaan_selesai')
border-rose-400 @enderror">
                @error('tgl_pelaksanaan_selesai')
<p class="text-rose-500 text-xs mt-1">{{
$message }}</p> @enderror
            </div>
        </div>
    </div>

    {{-- Actions --}}
    <div class="flex items-center justify-
between">
        <a href="{{ route('disposisi.inbox') }}"
          class="px-6 py-2.5 border border-slate-
200 text-slate-600 rounded-xl text-sm font-
medium hover:bg-slate-50 transition-colors">
            Batal
        </a>
        <div class="flex gap-3">
          <button type="submit"
                class="px-6 py-2.5 bg-primary
text-white rounded-xl text-sm font-semibold
shadow-lg shadow-primary/20 hover:bg-primary-
dark transition-all">
              <i class="fas fa-paper-plane mr-
2"></i>
              {{ isset($suratTugas) ? 'Simpan
Perubahan' : 'Terbitkan Surat Tugas' }}
            </button>
        </div>
    </div>
  </form>
</div>

@push('scripts')
<script>
function addUntuk() {
  const container =
document.getElementById('untuk-container');
  const items =
container.getElementsByClassName('untuk-
item');
  const index = items.length;

  const div = document.createElement('div');
  div.className = 'flex gap-3 items-start untuk-
item';
  div.innerHTML = `
    <span class="text-sm font-semibold text-
slate-500 mt-3 w-5 flex-shrink-0 untuk-
index">${index + 1}.</span>
    <div class="flex-1">
      <input type="text" name="untuk[]"
          placeholder="Uraian tugas / tujuan
penugasan..."
          class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none">
    </div>
    <button type="button"
onclick="removeUntuk(this)" class="mt-3 text-
rose-500 hover:text-rose-700 p-1">
      <i class="fas fa-trash"></i>
    </button>
  `;
  container.appendChild(div);
}

function removeUntuk(button) {
  const item = button.closest('.untuk-item');
  item.remove();
  // Recalculate numbers
  const container =
document.getElementById('untuk-container');
  const items =
container.getElementsByClassName('untuk-
item');
  for (let i = 0; i < items.length; i++) {
    items[i].querySelector('.untuk-
index').textContent = (i + 1) + '.';
  }
}

function addMenimbang() {
  const container =
document.getElementById('menimbang-
container');
  const items =
container.getElementsByClassName('menimban
g-item');
  const index = items.length;
  const charCode = 97 + index; // 'a' starts at 97
  const label =
String.fromCharCode(charCode);

  const div = document.createElement('div');
  div.className = 'flex gap-4 items-start
menimbang-item';
  div.innerHTML = `
    <span class="text-sm font-semibold text-
slate-600 mt-3 w-6 flex-shrink-0 poin-
index">${label}.</span>
    <div class="flex-1">
      <textarea name="menimbang[]"
rows="3"
```

```
                placeholder="Bahwa dalam
rangka..."
                class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none resize-none"></textarea>
        </div>
        <button type="button"
onclick="removePoin(this, 'menimbang')"
class="mt-3 text-rose-500 hover:text-rose-700 p-
1">
            <i class="fas fa-trash"></i>
        </button>
    `;
    container.appendChild(div);
}

function addDasar() {
    const container =
document.getElementById('dasar-container');
    const items =
container.getElementsByClassName('dasar-
item');
    const index = items.length;
    const charCode = 97 + index;
    const label =
String.fromCharCode(charCode);

    const div = document.createElement('div');
    div.className = 'flex gap-4 items-start dasar-
item';
    div.innerHTML = `
        <span class="text-sm font-semibold text-
slate-600 mt-3 w-6 flex-shrink-0 poin-
index">${label}.</span>
        <div class="flex-1">
            <textarea name="dasar[]" rows="2"
                placeholder="Undang-undang
Nomor... / Surat KPU Nomor..."
                class="w-full px-4 py-3 border
border-slate-200 rounded-xl text-sm focus:ring-2
focus:ring-primary/20 focus:border-primary
outline-none resize-none"></textarea>
        </div>
        <button type="button"
onclick="removePoin(this, 'dasar')" class="mt-3
text-rose-500 hover:text-rose-700 p-1">
            <i class="fas fa-trash"></i>
        </button>
    `;
    container.appendChild(div);
}

function removePoin(button, type) {
    const item = button.closest(`.${type}-item`);
    const container =
document.getElementById(`${type}-container`);
    item.remove();

    // Recalculate letters
    const items =
container.getElementsByClassName(`${type}-
item`);
    for (let i = 0; i < items.length; i++) {
        const indexLabel =
items[i].querySelector('.poin-index');
        indexLabel.textContent =
String.fromCharCode(97 + i) + '.';
    }
}

function updateNoST() {
    const input =
document.getElementById('no_st');
    const select =
document.getElementById('kode_program');
    if (!input || !select) return;
    const kode = select.value;
    let val = input.value;
    if (val) {
        val = val.replace(/\/[A-Z0-9\.]+-STV/i, '/' +
kode + '-ST/');
        input.value = val;
    }
}
</script>
@endpush
@endsection
```

14. Controller Cetak Dokumen (app\Http\Controllers\PdfController.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\SuratTugasModel;
use Barryvdh\DomPDF\Facade\Pdf;
class PdfController extends Controller{
    private function
checkAccess(SuratTugasModel $suratTugas){
        $user = auth()->user();
        if ($user && !$user->hasAnyRole(['admin',
'subbag_umum', 'ketua', 'sekretaris',
'bendahara', 'ppk'])) {
            $hasAccess = $suratTugas->disposisi?-
>subbagianList()
                                -
>where('subbagian_user_id', $user->id)
                                ->exists();
            if (!$hasAccess) {
                abort(403, 'Anda tidak memiliki akses
ke Surat Tugas / SPPD ini.');
            }
```

```
        }
    }

    public function
cetakSuratTugas(SuratTugasModel
$suratTugas){
        $this->checkAccess($suratTugas);

\App\Services\PdfGeneratorService::generateAn
dSave($suratTugas);
        $safeNoSt = str_replace(['/', '\\'], '-',
$suratTugas->no_st);
        $fullPath = storage_path('app/public/' .
$suratTugas->file_st_pdf);
        if (file_exists($fullPath)) {
            return response()->download($fullPath,
'Surat_Tugas_' . $safeNoSt . '.pdf');
        }
        $pdf = Pdf::loadView('pdf.surat-tugas',
compact('suratTugas'))->setPaper('a4', 'portrait');
        return $pdf->download('Surat_Tugas_' .
$safeNoSt . '.pdf');
    }

    public function
previewSuratTugas(SuratTugasModel
$suratTugas){
        $this->checkAccess($suratTugas);

\App\Services\PdfGeneratorService::generateAn
dSave($suratTugas);
        $safeNoSt = str_replace(['/', '\\'], '-',
$suratTugas->no_st);
        $fullPath = storage_path('app/public/' .
$suratTugas->file_st_pdf);
        if (file_exists($fullPath)) {
            return response()->file($fullPath, [
                'Content-Type' => 'application/pdf',
                'Content-Disposition' => 'inline;
filename="Surat_Tugas_' . $safeNoSt . '.pdf"'
            ]);
        }
        $pdf = Pdf::loadView('pdf.surat-tugas',
compact('suratTugas'))->setPaper('a4', 'portrait');
        return $pdf->stream('Surat_Tugas_' .
$safeNoSt . '.pdf');
    }

    public function cetakSppd(SuratTugasModel
$suratTugas){
        $this->checkAccess($suratTugas);
        $res =
\App\Services\PdfGeneratorService::generateAn
dSave($suratTugas);
        $safeNoSt = str_replace(['/', '\\'], '-',
$suratTugas->no_st);
        $fullPath = storage_path('app/public/' .
($suratTugas->sppd?->file_sppd_pdf ??
$res['sppd_pdf']));
        if (file_exists($fullPath)) {
            return response()->download($fullPath,
'SPPD_' . $safeNoSt . '.pdf');
        }
        $pdf = Pdf::loadView('pdf.sppd',
compact('suratTugas'))->setPaper('a4', 'portrait');
        return $pdf->download('SPPD_' .
$safeNoSt . '.pdf');
    }

    public function
previewSppd(SuratTugasModel $suratTugas){
        $this->checkAccess($suratTugas);
        $res =
\App\Services\PdfGeneratorService::generateAn
dSave($suratTugas);
        $safeNoSt = str_replace(['/', '\\'], '-',
$suratTugas->no_st);
        $fullPath = storage_path('app/public/' .
($suratTugas->sppd?->file_sppd_pdf ??
$res['sppd_pdf']));
        if (file_exists($fullPath)) {
            return response()->file($fullPath, [
                'Content-Type' => 'application/pdf',
                'Content-Disposition' => 'inline;
filename="SPPD_' . $safeNoSt . '.pdf"'
            ]);
        }
        $pdf = Pdf::loadView('pdf.sppd',
compact('suratTugas'))->setPaper('a4', 'portrait');
        return $pdf->stream('SPPD_' . $safeNoSt .
'.pdf');
    }

    public function
previewHtmlSuratTugas(SuratTugasModel
$suratTugas){
        $this->checkAccess($suratTugas);
        $suratTugas->load([
            'disposisi.suratMasuk',

'disposisi.subbagianList.pegawaiList.jabatan',

'disposisi.subbagianList.pegawaiList.golongan',
            'penandatangan.jabatan',
        ]);
        return view('pdf.preview-st-html',
compact('suratTugas'));
    }

    public function
previewHtmlSppd(SuratTugasModel
$suratTugas){
```

```
        $this->checkAccess($suratTugas);
        $suratTugas->load([
            'disposisi.suratMasuk',

'disposisi.subbagianList.pegawaiList.jabatan',

'disposisi.subbagianList.pegawaiList.golongan',
            'penandatangan.jabatan',
            'sppd',
        ]);
        return view('pdf.preview-sppd-html',
compact('suratTugas'));
    }
}
```

15. Tampilan Cetak Dokumen PDF Surat Tugas Resmi (resources\views\pdf\surat-tugas.blade.php)

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Surat Tugas - {{ $suratTugas->no_st
}}</title>
    <style>
        @page { margin: 0.5cm 2cm 1cm 2cm; }
        body {
            font-family: Arial, sans-serif;
            font-size: 11pt;
            line-height: 1.2;
            color: #000;
        }
        /* Kop Surat */
        .kop-surat {
            text-align: center;
            border-bottom: 3px double #000;
            padding-bottom: 8px;
            margin-bottom: 20px;
        }
        .kop-surat h2 {
            font-size: 16pt;
            font-weight: bold;
            margin: 0;
            text-transform: uppercase;
            letter-spacing: 1px;
        }
        .kop-surat h3 {
            font-size: 14pt;
            font-weight: bold;
            margin: 0;
            text-transform: uppercase;
        }
        .kop-surat p {
            margin: 0;
            font-size: 10pt;
            line-height: 1.4;
        }
        /* Judul */
        .judul {
            text-align: center;
            margin-bottom: 4px;
        }
        .judul h1 {
            font-size: 14pt;
            font-weight: bold;
            text-decoration: underline;
            letter-spacing: 3px;
            margin: 0;
        }
        .nomor {
            text-align: center;
            margin-bottom: 20px;
            font-size: 12pt;
        }
        /* Section Headers */
        .section-label {
            width: 110px;
            vertical-align: top;
            font-weight: normal;
            padding-bottom: 8px;
        }
        .section-colon {
            width: 15px;
            vertical-align: top;
        }
        .section-content {
            vertical-align: top;
            padding-bottom: 8px;
            text-align: justify;
        }
        /* Poin a, b */
        .poin-table {
            width: 100%;
            border-collapse: collapse;
        }
        .poin-label {
            width: 20px;
            vertical-align: top;
            padding-bottom: 6px;
        }
        .poin-content {
            vertical-align: top;
            padding-bottom: 6px;
            text-align: justify;
        }
        /* Memberi Tugas */
        .memberi-tugas {
            text-align: center;
            font-weight: bold;
            font-size: 13pt;
            margin: 18px 0 14px 0;
```

```
            text-decoration: underline;
        }
        /* Tabel pegawai */
        .tabel-pegawai {
            width: 100%;
            border-collapse: collapse;
            margin-bottom: 14px;
        }
        .tabel-pegawai td {
            vertical-align: top;
            padding: 3px 0;
        }
        .tabel-pegawai .col-label { width: 110px; }
        .tabel-pegawai .col-colon { width: 15px; }
        .tabel-pegawai .col-separator {
            border-left: 1px solid #000;
            padding: 6px 8px;
        }
        /* Daftar nama pegawai */
        .pegawai-row { margin-bottom: 4px; }
        .pegawai-no { display: inline-block; width:
20px; }
        /* Footer TTD */
        .footer-ttd {
            margin-top: 30px;
            float: right;
            width: 280px;
            text-align: center;
        }
        .footer-ttd p { margin: 0; line-height: 1.5; }
        .ttd-space { height: 70px; }
        .nama-ttd {
            font-weight: bold;
            text-decoration: underline;
        }
        .clearfix::after { content: ''; display: table;
clear: both; }
        /* Penutup */
        .penutup { margin-top: 16px; }
    </style>
</head>
<body>
@php
    $logoPath =
public_path('images/kpu_logo.png');
    $logoSrc = file_exists($logoPath) ?
'' .
base64_encode(file_get_contents($logoPath)) :
asset('images/kpu_logo.png');
@endphp

    {{-- KOP SURAT --}}
    <table style="width: 100%; border-bottom:
3px double #000; padding-bottom: 8px; margin-
bottom: 20px;">
        <tr>
            <td style="width: 80px; text-align: left;
vertical-align: middle;">
                <img src="{{ $logoSrc }}"
style="width: 70px; height: auto;">
            </td>
            <td style="text-align: center; vertical-
align: middle; padding-right: 80px;">
                <h3 style="margin: 0; font-size:
14pt; font-weight: bold; text-transform:
uppercase;">KOMISI PEMILIHAN UMUM</h3>
                <h2 style="margin: 0; font-size:
16pt; font-weight: bold; text-transform:
uppercase;">KABUPATEN DELI
SERDANG</h2>
                <p style="margin: 0; font-size:
9pt;">Jl. Karya Jasa No. 8 Lubuk Pakam</p>
                <p style="margin: 0; font-size:
9pt;">Telepon: (061) 7952694   Email:
kpu.deliserdang@gmail.com</p>
            </td>
        </tr>
    </table>

    {{-- JUDUL --}}
    <div class="judul"><h1>S U R A T   T U
G A S</h1></div>
    <div class="nomor">Nomor : {{ $suratTugas-
>no_st }}</div>

    {{-- MENIMBANG --}}
    <table class="poin-table" style="margin-
bottom: 10px;">
        <tr>
            <td class="section-
label">Menimbang</td>
            <td class="section-colon">:</td>
            <td class="section-content">
                <table class="poin-table">
                    @php
                        $menimbangItems =
is_array($suratTugas->menimbang) ?
$suratTugas->menimbang : [];
                        if (empty($menimbangItems)) {
                            $menimbangItems =
array_filter([$suratTugas->menimbang_a,
$suratTugas->menimbang_b]);
                        }
                    @endphp
                    @foreach($menimbangItems as
$index => $item)
                    <tr>
                        <td class="poin-label">{{ chr(97 +
$index) }}.</td>
                        <td class="poin-content">{{ $item
}}</td>
                    </tr>
```

```
                @endforeach
            </table>
        </td>
    </tr>
</table>
{{-- DASAR --}}
<table class="poin-table" style="margin-
bottom: 14px;">
    <tr>
        <td class="section-label">Dasar</td>
        <td class="section-colon">:</td>
        <td class="section-content">
            <table class="poin-table">
                @php
                    $dasarItems =
is_array($suratTugas->dasar) ? $suratTugas-
>dasar : [];
                    if (empty($dasarItems)) {
                        $dasarItems =
array_filter([$suratTugas->dasar_a,
$suratTugas->dasar_b]);
                    }
                @endphp
                @foreach($dasarItems as $index
=> $item)
                <tr>
                    <td class="poin-label">{{ chr(97 +
$index) }}.</td>
                    <td class="poin-content">{{ $item
}}</td>
                </tr>
                @endforeach
            </table>
        </td>
    </tr>
</table>
{{-- MEMBERI TUGAS --}}
<div class="memberi-tugas">Memberi
Tugas</div>
{{-- KEPADA --}}
@php
    $eselonOrder = [
        'II'   => 1,
        'II.A' => 1,
        'II.B' => 2,
        'III'  => 3,
        'III.A'=> 3,
        'III.B'=> 4,
        'IV'   => 5,
        'IV.A' => 5,
        'IV.B' => 6,
    ];
    $pegawaiList = collect();
    if ($suratTugas->disposisi) {
        foreach ($suratTugas->disposisi-
>subbagianList as $sbg) {
            $pegawaiList = $pegawaiList-
>merge($sbg->pegawaiList);
        }
    }
    $pegawaiList = $pegawaiList->unique('id')-
>sortBy(function ($pgw) use ($eselonOrder) {
        $eselon = strtoupper(trim($pgw-
>jabatan?->eselon ?? ''));
        $eRank = $eselonOrder[$eselon] ?? 99;
        $biayaRank = 10 - ($pgw->jabatan?-
>tingkat_biaya ?? 1);
        $golName = $pgw->golongan?-
>kode_golongan ?? '';
        return sprintf('%02d-%02d-%s-%s',
$eRank, $biayaRank, $golName, $pgw-
>nama_lengkap);
    })->values();
@endphp
<table class="tabel-pegawai">
    <tr>
        <td class="col-label">Kepada</td>
        <td class="col-colon">:</td>
        <td>
            @if($suratTugas->lampiran_personil)
                {!! nl2br(e($suratTugas->kepada ??
"ASN dan PPNPN di Lingkungan KPU
Kabupaten Deli Serdang\n(Daftar Nama
Terlampir)")) !!}
            @else
                @if($pegawaiList->count() === 1)
                    @php $p = $pegawaiList->first();
@endphp
                    <strong>{{ $p->nama_lengkap
}}</strong>@if($p->nip) / NIP. {{ $p->nip
}}@endif
                @elseif($pegawaiList->count() > 1)
                    <table style="width: 100%;
border-collapse: collapse; margin: 0; padding:
0;">
                        @foreach($pegawaiList as $i
=> $p)
                        <tr>
                            <td style="width: 20px;
vertical-align: top; padding: 2px 0;">{{ $i + 1
}}.</td>
                            <td style="vertical-align: top;
padding: 2px 0;">
                                <strong>{{ $p-
>nama_lengkap }}</strong>
                                @if($p->nip) (NIP. {{ $p-
>nip }}) @endif
                                - {{ $p->jabatan?-
>nama_jabatan ?? '-' }}
                            </td>
                        </tr>
                        @endforeach
```

```
                </table>
              @else
                {!! nl2br(e($suratTugas->kepada
?? "ASN dan PPNPN di Lingkungan KPU
Kabupaten Deli Serdang")) !!}
              @endif
            @endif
          </td>
        </tr>
      </table>
      {{-- UNTUK --}}
      @if($suratTugas->untuk)
      <table class="tabel-pegawai">
        <tr>
          <td class="col-label">Untuk</td>
          <td class="col-colon">:</td>
          <td>
            @php
              $untukLines =
is_array($suratTugas->untuk) ?
array_values(array_filter($suratTugas->untuk)) :
[];
              if (empty($untukLines) &&
!empty($suratTugas->untuk)) {
                $untukLines =
array_values(array_filter(array_map('trim',
explode("\n", $suratTugas->untuk))));
              }
            @endphp
            @if(count($untukLines) <= 1)
              {{ $untukLines[0] ?? $suratTugas-
>untuk }}
            @else
              <table style="border-
collapse:collapse; width:100%; margin:0;
padding:0; border:none;">
                @foreach($untukLines as $i =>
$line)
                <tr>
                  <td style="width:18px; vertical-
align:top; padding:0 4px 2px 0; border:none;">{{
$i+1 }}.</td>
                  <td style="vertical-align:top;
padding:0 0 2px 0; text-align:justify;
border:none;">{{ $line }}</td>
                </tr>
                @endforeach
              </table>
            @endif
          </td>
        </tr>
      </table>
      @endif
      {{-- PENUTUP --}}
      <div class="penutup">
        <p>Demikian Surat Tugas ini dibuat untuk
dilaksanakan dengan penuh tanggung
jawab.</p>
      </div>
      {{-- TTD --}}
      <div class="clearfix">
        <div class="footer-ttd">
          <p>Lubuk Pakam, {{
\Carbon\Carbon::parse($suratTugas-
>diterbitkan_at ?? now())->locale('id')-
>translatedFormat('d F Y') }}</p>
          <p>{{ $suratTugas->penandatangan?-
>jabatan?->nama_jabatan ?? 'Sekretaris KPU
Kabupaten Deli Serdang' }},</p>
          <div class="ttd-space"></div>
          <p class="nama-ttd">{{ $suratTugas-
>penandatangan?->nama_lengkap ?? '-' }}</p>
          <p>NIP. {{ $suratTugas-
>penandatangan?->nip ?? '-' }}</p>
        </div>
      </div>
      {{-- LAMPIRAN DAFTAR NAMA (halaman
baru HANYA jika lampiran_personil bernilai 1) --
}}
      @if($suratTugas->lampiran_personil &&
$pegawaiList->count() > 0)
      <div style="page-break-before: always;
padding-top: 1cm;">
        {{-- KOP SURAT --}}
        <table style="width: 100%; border-bottom:
3px double #000; padding-bottom: 8px; margin-
bottom: 20px;">
          <tr>
            <td style="width: 80px; text-align: left;
vertical-align: middle;">
              <img src="{{ $logoSrc }}"
style="width: 70px; height: auto;">
            </td>
            <td style="text-align: center; vertical-
align: middle; padding-right: 80px;">
              <h3 style="margin: 0; font-size:
14pt; font-weight: bold; text-transform:
uppercase;">KOMISI PEMILIHAN UMUM</h3>
              <h2 style="margin: 0; font-size:
16pt; font-weight: bold; text-transform:
uppercase;">KABUPATEN DELI
SERDANG</h2>
              <p style="margin: 0; font-size:
9pt;">Jl. Karya Jasa No. 8 Lubuk Pakam</p>
              <p style="margin: 0; font-size:
9pt;">Telepon: (061) 7952694   Email:
kpu.deliserdang@gmail.com</p>
            </td>
          </tr>
        </table>
```

```
        <div style="text-align: center; margin-
bottom: 20px;">
            <p style="font-weight: bold; text-
decoration: underline; font-size: 13pt;">DAFTAR
NAMA</p>
            <p>Yang Melaksanakan Tugas
Berdasarkan Surat Tugas</p>
            <p>Nomor: {{ $suratTugas->no_st }}</p>
        </div>
        <table style="width: 100%; border-collapse:
collapse; font-size: 11pt;">
            <thead>
                <tr style="background-color: #f0f0f0;">
                    <th style="border: 1px solid #000;
padding: 8px; text-align: center; width:
40px;">No</th>
                    <th style="border: 1px solid #000;
padding: 8px; text-align: left;">Nama</th>
                    <th style="border: 1px solid #000;
padding: 8px; text-align: left;">NIP</th>
                    <th style="border: 1px solid #000;
padding: 8px; text-align: left;">Jabatan</th>
                    <th style="border: 1px solid #000;
padding: 8px; text-align: left;">Gol.</th>
                </tr>
            </thead>
            <tbody>
                @foreach($pegawaiList as $i =>
$pgw)
                <tr>
                    <td style="border: 1px solid #000;
padding: 7px; text-align: center;">{{ $i + 1 }}</td>
                    <td style="border: 1px solid #000;
padding: 7px;">{{ $pgw->nama_lengkap }}</td>
                    <td style="border: 1px solid #000;
padding: 7px;">{{ $pgw->nip ?? '-' }}</td>
                    <td style="border: 1px solid #000;
padding: 7px;">{{ $pgw->jabatan?-
>nama_jabatan ?? '-' }}</td>
                    <td style="border: 1px solid #000;
padding: 7px;">{{ $pgw->golongan?-
>kode_golongan ?? '-' }}</td>
                </tr>
                @endforeach
            </tbody>
        </table>
    </div>
    @endif
</body>
</html>
```

16. Tampilan Cetak Dokumen PDF Surat Perintah Perjalanan Dinas (SPPD) (resources\views\pdf\sppd.blade.php)

```
<!DOCTYPE html>
<html>
<head>
    <title>SPD - {{ $suratTugas->no_st }}</title>
    <style>
        @page { margin: 1cm 2cm 1cm 2cm; }
        body { font-family: Arial, sans-serif; font-
size: 11pt; line-height: 1.15; color: #000; }
        .header { text-align: left; font-weight: bold;
margin-bottom: 5px; font-size: 8.5pt; }
        .judul { text-align: center; font-weight: bold;
text-decoration: underline; font-size: 11.5pt;
margin-top: 3px; margin-bottom: 8px; }
        .tabel-sppd { width: 100%; border-collapse:
collapse; border: 1px solid black; }
        .tabel-sppd td { border: 1px solid black;
padding: 4px 6px; vertical-align: top; font-size:
11pt; }
        .sub-table { width: 100%; border-collapse:
collapse; margin: 0; padding: 0; }
        .sub-table td { border: none; padding: 3px
5px; font-size: 10pt; vertical-align: middle; }
    </style>
</head>
<body>
@php
    $pegawaiList = collect();
    if ($suratTugas->disposisi) {
        foreach ($suratTugas->disposisi-
>subbagianList as $sbg) {
            $pegawaiList = $pegawaiList-
>merge($sbg->pegawaiList);
        }
    }
    $pegawaiList = $pegawaiList->unique('id');
    $eselonOrder = [
        'II'   => 1,
        'II.A' => 1,
        'II.B' => 2,
        'III'  => 3,
        'III.A'=> 3,
        'III.B'=> 4,
        'IV'   => 5,
        'IV.A' => 5,
        'IV.B' => 6,
    ];
    $sortedPegawaiList = $pegawaiList-
>sortBy(function($p) use ($eselonOrder) {
        $eselon = strtoupper(trim($p->jabatan?-
>eselon ?? ''));
        $eRank = $eselonOrder[$eselon] ?? 99;
        $biayaRank = 10 - ($p->jabatan?-
>tingkat_biaya ?? 1);
        $golName = $p->golongan?-
>kode_golongan ?? '';
```

```
        return sprintf('%02d-%02d-%s-%s',
$eRank, $biayaRank, $golName, $p-
>nama_lengkap);
    })->values();
    // Primary pegawai is the highest ranking
person in the list
    $pegawai = $sortedPegawaiList->first();
    // Pengikut is everyone else
    $pengikutList = $sortedPegawaiList->slice(1);
    // SPD number from sppd relation or
generated
    $spdNumber = $suratTugas->sppd?-
>no_sppd;
    if (!$spdNumber) {
        $stYear = $suratTugas->created_at ?
$suratTugas->created_at->year : now()->year;
        $stCount =
\App\Models\SuratTugasModel::whereYear('crea
ted_at', $stYear)->where('id', '<=', $suratTugas-
>id)->count();
        $spdNumber = str_pad($stCount, 3, '0',
STR_PAD_LEFT) . '/SPD/KPU-DS/' . $stYear;
    }
    // Helper variables
    $pangkatGol = $pegawai && $pegawai-
>golongan ? ($pegawai->golongan-
>nama_golongan . ' / ' . $pegawai->golongan-
>kode_golongan) : '-';
    $jabatanName = $pegawai && $pegawai-
>jabatan ? $pegawai->jabatan->nama_jabatan :
'-';
    $tingkatBiaya = $pegawai && $pegawai-
>jabatan && $pegawai->jabatan->tingkat_biaya
? ($pegawai->jabatan->tingkat_biaya == 4 ? 'A' :
($pegawai->jabatan->tingkat_biaya == 3 ? 'B' :
($pegawai->jabatan->tingkat_biaya == 2 ? 'C' :
'D'))) : 'C';
    // PPK Pegawai (Abd Rozak)
    $ppkPegawai =
\App\Models\PegawaiModel::whereHas('user',
function($q) {
        $q->whereHas('roles', function($r) {
            $r->where('name', 'ppk');
        })->orWhere('role_id', function($r) {
            $r->select('id')->from('roles')-
>where('name', 'ppk')->limit(1);
        });
    })->orWhereHas('jabatan', function($q) {
        $q->where('nama_jabatan', 'like', '%Pejabat
Pembuat Komitmen%')
          ->orWhere('nama_jabatan', 'like',
'%PPK%');
    })->orWhere('nama_lengkap', 'like', '%Abd
Rozak%')
      ->orWhere('nama_lengkap', 'like', '%Pejabat
Pembuat Komitmen%')
      ->first();
    // Sekretaris Pegawai (Nazrul Ichsan
Nasution)
    $sekretarisPegawai =
\App\Models\PegawaiModel::whereHas('user',
function($q) {
        $q->whereHas('roles', function($r) {
            $r->where('name', 'sekretaris');
        })->orWhere('role_id', function($r) {
            $r->select('id')->from('roles')-
>where('name', 'sekretaris')->limit(1);
        });
    })->orWhereHas('jabatan', function($q) {
        $q->where('nama_jabatan', 'like',
'%Sekretaris%');
    })->orWhere('nama_lengkap', 'like', '%Nazrul
Ichsan%')
      ->first();
@endphp
    <div>
        <table style="width: 100%; font-size: 10pt;
margin-bottom: 10px;">
            <tr>
                <td style="width: 55%; vertical-align:
top;">
                    KOMISI PEMILIHAN UMUM<br>
                    KABUPATEN DELI SERDANG
                </td>
                <td style="vertical-align: top; padding-
left: 20px;">
                    Lembar Ke : 1/2<br>
                    Kode No : SPD-KPU-DS<br>
                    Nomor : {{ $spdNumber }}
                </td>
            </tr>
        </table>
        <div class="judul">SURAT PERJALANAN
DINAS (SPD)</div>
        <table class="tabel-sppd">
            <tr>
                <td width="5%" style="text-align:
center;">1.</td>
                <td width="45%">Pejabat Berwenang
yang memberi perintah</td>
                <td>Pejabat Pembuat Komitmen</td>
            </tr>
            <tr>
                <td style="text-align: center;">2.</td>
                <td>Nama Pegawai yang
diperintah</td>
                <td style="font-weight: bold;">{{
$pegawai->nama_lengkap ??
'.....' }}</td>
            </tr>
            <tr>
                <td style="text-align: center;">3.</td>
```

```
            <td>
              a. Pangkat dan Golongan<br>
              b. Jabatan / Instansi<br>
              c. Tingkat Biaya Perjalanan Dinas
            </td>
            <td>
              a. {{ $pangkatGol }}<br>
              b. {{ $jabatanName }}<br>
              c. <b>Tingkat {{ $tingkatBiaya
}}</b>
            </td>
          </tr>
          <tr>
            <td style="text-align: center;">4.</td>
            <td>Maksud Perjalanan Dinas</td>
            <td>
              @php
                $untukLines =
is_array($suratTugas->untuk) ?
array_values(array_filter($suratTugas->untuk)) :
[];
                if (empty($untukLines) &&
!empty($suratTugas->untuk)) {
                  $untukLines =
array_values(array_filter(array_map('trim',
explode("\n", $suratTugas->untuk))));
                }
              @endphp
              @if(count($untukLines) <= 1)
                {{ $untukLines[0] ??
$suratTugas->untuk }}
              @else
                <table style="border-
collapse:collapse; width:100%; margin:0;
padding:0; border:none;">
                  @foreach($untukLines as $i
=> $line)
                  <tr>
                    <td style="width:18px;
vertical-align:top; padding:0 4px 2px 0;
border:none;">{{ $i+1 }}.</td>
                    <td style="vertical-align:top;
padding:0 0 2px 0; text-align:justify;
border:none;">{{ $line }}</td>
                  </tr>
                  @endforeach
                </table>
              @endif
            </td>
          </tr>
          <tr>
            <td style="text-align: center;">5.</td>
            <td>Alat angkut yang
dipergunakan</td>
            <td>Kendaraan Dinas / Umum</td>
          </tr>
          <tr>
            <td style="text-align: center;">6.</td>
            <td>
              a. Tempat Berangkat<br>
              b. Tempat Tujuan
            </td>
            <td>
              a. Lubuk Pakam<br>
              b. {{ $suratTugas-
>tempat_pelaksanaan }}
            </td>
          </tr>
          <tr>
            <td style="text-align: center;">7.</td>
            <td>
              a. Lamanya perjalanan dinas<br>
              b. Tanggal berangkat<br>
              c. Tanggal harus kembali
            </td>
            <td>
              @php
                $days = 1;
                if($suratTugas-
>tgl_pelaksanaan_mulai && $suratTugas-
>tgl_pelaksanaan_selesai) {
                  $days = $suratTugas-
>tgl_pelaksanaan_mulai-
>diffInDays($suratTugas-
>tgl_pelaksanaan_selesai) + 1;
                }
              @endphp
              a. {{ $days }} hari<br>
              b. {{ $suratTugas-
>tgl_pelaksanaan_mulai?->translatedFormat('d
F Y') ?? '-' }}<br>
              c. {{ $suratTugas-
>tgl_pelaksanaan_selesai?-
>translatedFormat('d F Y') ?? '-' }}
            </td>
          </tr>
          <tr>
            <td style="text-align: center;">8.</td>
            <td colspan="2" style="padding: 0;
border: none;">
              <table style="width: 100%; border-
collapse: collapse; margin: 0;" class="sub-
table">
                <tr>
                  <td style="width: 40%; border-
right: 1px solid black; border-bottom: 1px solid
black; padding: 4px 6px; font-weight:
bold;">Pengikut : Nama</td>
                  <td style="width: 20%; border-
right: 1px solid black; border-bottom: 1px solid
black; padding: 4px 6px; font-weight: bold; text-
align: center;">Tanggal Lahir</td>
```

```
                    <td style="border-bottom: 1px
solid black; padding: 4px 6px; font-weight: bold;
text-align: center;">Keterangan</td>
                  </tr>
                  @if($pengikutList->count() > 0)
                    @foreach($pengikutList-
>values() as $i => $ikut)
                    <tr>
                      <td style="border-right: 1px
solid black; border-bottom: {{ $i < ($pengikutList-
>count() - 1) ? '1px solid black' : 'none' }};
padding: 4px 6px;">
                        {{ $i + 1 }}. {{ $ikut-
>nama_lengkap }}
                      </td>
                      <td style="border-right: 1px
solid black; border-bottom: {{ $i < ($pengikutList-
>count() - 1) ? '1px solid black' : 'none' }};
padding: 4px 6px; text-align: center;">
                        {{ $ikut->tgl_lahir ? $ikut-
>tgl_lahir->format('d-M-Y') : '' }}
                      </td>
                      <td style="border-bottom: {{
$i < ($pengikutList->count() - 1) ? '1px solid
black' : 'none' }}; padding: 4px 6px; font-size:
8pt;">
                        {{ $ikut->jabatan?-
>nama_jabatan ?? '-' }} / {{ $ikut->golongan?-
>kode_golongan ?? '-' }}
                      </td>
                    </tr>
                    @endforeach
                  @else
                    <tr>
                      <td style="border-right: 1px
solid black; padding: 6px; text-align: center;
color: #777;">-</td>
                      <td style="border-right: 1px
solid black; padding: 6px; text-align: center;
color: #777;">-</td>
                      <td style="padding: 6px;
text-align: center; color: #777;">-</td>
                    </tr>
                  @endif
                </table>
              </td>
            </tr>
            <tr>
              <td style="text-align: center;">9.</td>
              <td>
                Pembebanan Anggaran<br>
                a. Instansi<br>
                b. Mata Anggaran
              </td>
              <td>
                <br>
                a. KPU Kabupaten Deli
Serdang<br>
                b. APBN DIPA KPU Kabupaten Deli
Serdang
              </td>
            </tr>
            <tr>
              <td style="text-align: center;">10.</td>
              <td>Keterangan lain-lain</td>
              <td>Sesuai Surat Tugas Nomor: {{
$suratTugas->no_st }}</td>
            </tr>
          </table>

          <div style="margin-top: 20px; float: right;
width: 280px; text-align: center;">
            Dikeluarkan di : Lubuk Pakam<br>
            Tanggal : {{
\Carbon\Carbon::parse($suratTugas-
>diterbitkan_at ?? now())->locale('id')-
>translatedFormat('d F Y') }}<hr style="margin:
5px 0;">
            Pejabat Pembuat Komitmen,
            <div style="height: 60px;"></div>
            <strong style="text-decoration:
underline;">{{ $ppkPegawai?->nama_lengkap
?? 'Abd Rozak' }}</strong><br>
            NIP. {{ $ppkPegawai?->nip ?? '-' }}
          </div>
          <div style="clear: both;"></div>
        </div>
        {{-- HALAMAN 2: SPD BAGIAN BELAKANG -
-}}
        <div style="page-break-before: always; font-
size: 9.5pt; line-height: 1.1;">
          <table style="width: 100%; border-collapse:
collapse; border: 1px solid black;">
            <tr>
              <td style="width: 50%; border: 1px
solid black; padding: 4px; vertical-align: top;">
                 
              </td>
              <td style="width: 50%; border: 1px
solid black; padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse;">
                  <tr>
                    <td style="width: 35%; font-
size: 9pt;">I. Berangkat dari</td>
                    <td style="font-size: 9pt;">:
Lubuk Pakam</td>
                  </tr>
                  <tr>
                    <td style="font-size:
9pt;">Ke</td>
```

```
                    <td style="font-size: 9pt;">: {{
$suratTugas->tempat_pelaksanaan }}</td>
                  </tr>
                  <tr>
                    <td style="font-size:
9pt;">Pada Tanggal</td>
                    <td style="font-size: 9pt;">: {{
$suratTugas->tgl_pelaksanaan_mulai?-
>translatedFormat('d F Y') ?? '-' }}</td>
                  </tr>
                  <tr>
                    <td colspan="2"
style="padding-top: 4px; text-align: center; font-
size: 9pt;">
                      Sekretaris KPU Kabupaten
Deli Serdang,
                      <div style="height:
35px;"></div>
                      <strong style="text-
decoration: underline;">{{ $sekretarisPegawai?-
>nama_lengkap ?? 'Nazrul Ichsan Nasution,
S.H' }}</strong><br>
                      NIP. {{
$sekretarisPegawai?->nip ?? '-' }}
                    </td>
                  </tr>
                </table>
              </td>
            </tr>
            <tr>
              <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
                  <tr>
                    <td style="width: 35%;">II.
Tiba di</td>
                    <td>: {{ $suratTugas-
>tempat_pelaksanaan }}</td>
                  </tr>
                  <tr>
                    <td>Pada Tanggal</td>
                    <td>: {{ $suratTugas-
>tgl_pelaksanaan_mulai?->translatedFormat('d
F Y') ?? '-' }}</td>
                  </tr>
                  <tr>
                    <td>Kepala</td>
                    <td>:
.....</td>
                  </tr>
                  <tr>
                    <td colspan="2" style="height:
30px;"></td>
                  </tr>
                  <tr>
                    <td colspan="2" style="text-
align: center;">

(.....)<br>
                      NIP.
.....
                    </td>
                  </tr>
                </table>
              </td>
              <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
                  <tr>
                    <td style="width:
35%;">Berangkat dari</td>
                    <td>: {{ $suratTugas-
>tempat_pelaksanaan }}</td>
                  </tr>
                  <tr>
                    <td>Ke</td>
                    <td>: Lubuk Pakam</td>
                  </tr>
                  <tr>
                    <td>Pada Tanggal</td>
                    <td>: {{ $suratTugas-
>tgl_pelaksanaan_selesai?-
>translatedFormat('d F Y') ?? '-' }}</td>
                  </tr>
                  <tr>
                    <td>Kepala</td>
                    <td>:
.....</td>
                  </tr>
                  <tr>
                    <td colspan="2" style="height:
30px;"></td>
                  </tr>
                  <tr>
                    <td colspan="2" style="text-
align: center;">

(.....)<br>
                      NIP.
.....
                    </td>
                  </tr>
                </table>
              </td>
            </tr>
            <tr>
              <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
```

```
                    <tr>
                        <td style="width: 35%;">III.
Tiba di</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td>Pada Tanggal</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td>Kepala</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td colspan="2" style="height:
30px;"></td>
                    </tr>
                    <tr>
                        <td colspan="2" style="text-
align: center;">

(.....)<br>
                            NIP.
.....
                        </td>
                    </tr>
                </table>
            </td>
            <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
                    <tr>
                        <td style="width:
35%;">Berangkat dari</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td>Ke</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td>Pada Tanggal</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td>Kepala</td>
                        <td>:
.....</td>
                    </tr>
                    <tr>
                        <td colspan="2" style="height:
30px;"></td>
                    </tr>
                    <tr>
                        <td colspan="2" style="text-
align: center;">

(.....)<br>
                            NIP.
.....
                        </td>
                    </tr>
                </table>
            </td>
        </tr>
        <tr>
            <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
                    <tr>
                        <td style="width: 35%;">IV.
Tiba di</td>
                        <td>: Lubuk Pakam</td>
                    </tr>
                    <tr>
                        <td>Pada Tanggal</td>
                        <td>: {{ $suratTugas-
>tgl_pelaksanaan_selesai?-
>translatedFormat('d F Y') ?? '-' }}</td>
                    </tr>
                    <tr>
                        <td colspan="2"
style="padding-top: 15px; text-align: center;">
                            Pejabat Pembuat
Komitmen,
                            <div style="height:
35px;"></div>
                            <strong style="text-
decoration: underline;">{{ $ppkPegawai?-
>nama_lengkap ?? 'Abd Rozak' }}</strong><br>
                            NIP. {{ $ppkPegawai?->nip
?? '-' }}
                        </td>
                    </tr>
                </table>
            </td>
            <td style="border: 1px solid black;
padding: 4px; vertical-align: top;">
                <table style="width: 100%; border-
collapse: collapse; font-size: 9pt;">
                    <tr>
                        <td colspan="2">
                            Telah diperiksa dengan
keterangan bahwa perjalanan tersebut atas
```

```
perintahnya dan semata-mata untuk
kepentingan jabatan dalam waktu yang
sesingkat-singkatnya.
                    </td>
                  </tr>
                  <tr>
                    <td colspan="2" style="text-
align: center; padding-top: 5px;">
                      Pejabat Pembuat
Komitmen,
                      <div style="height:
35px;"></div>
                      <strong style="text-
decoration: underline;">{{ $ppkPegawai?-
>nama_lengkap ?? 'Abd Rozak' }}</strong><br>
                      NIP. {{ $ppkPegawai?->nip
?? '-' }}
                    </td>
                  </tr>
                </table>
              </td>
            </tr>
            <tr>
              <td colspan="2" style="border: 1px
solid black; padding: 6px; vertical-align: top;
font-size: 9pt;">
                <span>V. CATATAN LAIN-
LAIN</span>
                <div style="height: 20px;"></div>
              </td>
            </tr>
            <tr>
              <td colspan="2" style="border: 1px
solid black; padding: 4px; vertical-align: top;">
                <p style="margin: 0 0 2px 0; font-
size: 9pt; font-weight: bold;">VI.
PERHATIAN</p>
                <p style="text-align: justify; font-
size: 8.5pt; margin: 0; line-height: 1.15;">
                  Pejabat yang berwenang
menerbitkan SPD, pegawai yang melakukan
perjalanan dinas, para pejabat yang
mengesahkan tanggal berangkat/tiba, serta
bendahara bertanggungjawab berdasarkan
peraturan-peraturan Keuangan Negara apabila
Negara mendapat rugi akibat kesalahan,
kealpaan dan kelebihannya.
                </p>
              </td>
            </tr>
          </table>
        </div>
</body>
</html>
```

17. Controller LPJ
(app\Http\Controllers\LpjController.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\LpjModel;
use App\Models\SuratTugasModel;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
class LpjController extends Controller{
   public function index(Request $request){
      $user = Auth::user();
      $query = LpjModel::with(['suratTugas',
'pegawai'])->latest();
      if ($request->filled('search')) {
         $search = $request->search;
         $query->where(function ($q) use
($search) {
            $q->where('hasil_kegiatan', 'like',
"%{$search}%")
              ->orWhereHas('suratTugas', function
($stq) use ($search) {
                 $stq->where('no_st', 'like',
"%{$search}%")
                   ->orWhere('untuk', 'like',
"%{$search}%")
                   -
>orWhere('tempat_pelaksanaan', 'like',
"%{$search}%");
               })
               ->orWhereHas('pegawai', function
($pq) use ($search) {
                  $pq->where('nama_lengkap', 'like',
"%{$search}%");
               });
         });
      }
      if ($request->filled('tgl_mulai')) {
         $query->whereDate('submitted_at', '>=',
$request->tgl_mulai);
      }
      if ($request->filled('tgl_selesai')) {
         $query->whereDate('submitted_at', '<=',
$request->tgl_selesai);
      }
      $lpjs = $query->paginate(10)-
>withQueryString();
      // Surat tugas belum ada LPJ ATAU LPJ-
nya DITOLAK (perlu penginputan ulang)
      $pending_sppds_new = collect();
      if ($user->hasAnyRole(['admin',
'subbag_umum', 'bendahara', 'subbag_hukum',
'subbag_teknis', 'subbag_perencanaan', 'ppk'])) {
         $stQuery =
SuratTugasModel::where(function($q) {
            $q->whereDoesntHave('lpj')
              ->orWhereHas('lpj', function($lq) {
```

```
                $lq->where('status_validasi',
'ditolak');
            });
        });
        if ($user->hasAnyRole(['subbag_hukum',
'subbag_teknis', 'subbag_perencanaan'])) {
            $stQuery-
>whereHas('disposisi.subbagianList',
function($q) use ($user) {
                $q->where('subbagian_user_id',
$user->id);
            });
        }
        $pending_sppds_new = $stQuery-
>with('lpj')->get();
    }
    return view('lpj.index', compact('lpjs',
'pending_sppds_new'));
  }
  public function create(Request $request){
    $request->validate([
      'surat_tugas_id' =>
'required|exists:surat_tugas,id'
    ]);
    $suratTugas =
SuratTugasModel::with('disposisi.subbagianList.
pegawaiList')->findOrFail($request-
>surat_tugas_id);
    $lpj = LpjModel::where('surat_tugas_id',
$request->surat_tugas_id)->first();
    return view('lpj.form', compact('suratTugas',
'lpj'));
  }
  public function store(Request $request){
    if ($request->has('total_biaya_riil')) {
      $rawBiaya = preg_replace('/[^0-9]/', '',
(string)$request->input('total_biaya_riil'));
      $request->merge(['total_biaya_riil' =>
$rawBiaya !== '' ? (int)$rawBiaya : 0]);
    }
    $existingLpj =
LpjModel::where('surat_tugas_id', $request-
>surat_tugas_id)->first();
    $request->validate([
      'surat_tugas_id'  =>
'required|exists:surat_tugas,id',
      'pegawai_id'      =>
'required|exists:pegawai,id',
      'hasil_kegiatan'  => 'nullable|string',
      'total_biaya_riil' =>
'nullable|numeric|min:0',
      'file_lpj'        => $existingLpj ?
'nullable|file|mimes:pdf,jpg,jpeg,png,doc,docx|m
ax:10240' :
'required|file|mimes:pdf,jpg,jpeg,png,doc,docx|m
ax:10240',
    ], [
      'file_lpj.required' => 'File Laporan LPJ
wajib diunggah.',
      'file_lpj.mimes'   => 'File LPJ harus
berformat PDF, DOC, DOCX, JPG, JPEG, atau
PNG.',
      'file_lpj.max'     => 'Ukuran file LPJ tidak
boleh melebihi 10MB.',
    ]);
    $filePath = $existingLpj ? $existingLpj-
>file_lpj : null;
    if ($request->hasFile('file_lpj')) {
      $filePath = $request->file('file_lpj')-
>store('lpj_files', 'public');
    }
    $totalBiaya = $request-
>filled('total_biaya_riil') ? $request-
>total_biaya_riil : ($existingLpj->total_biaya_riil
?? 0);
    if ($existingLpj) {
      $oldStatus = $existingLpj-
>status_validasi;
      $existingLpj->update([
        'pegawai_id'      => $request-
>pegawai_id,
        'hasil_kegiatan'  => $request-
>hasil_kegiatan ?? '-',
        'file_lpj'        => $filePath,
        'total_biaya_riil' => $totalBiaya,
        'status_validasi' => 'menunggu', //
Reset ke menunggu untuk re-validasi
Bendahara
        'submitted_at'    => now(),
      ]);

      \App\Models\LpjHistoryModel::create([
        'lpj_id'          => $existingLpj->id,
        'user_id'         => Auth::id(),
        'action'          => $oldStatus ===
'ditolak' ? 'penginputan_ulang' : 'edit',
        'status_sebelumnya' => $oldStatus,
        'status_baru'     => 'menunggu',
        'catatan'         => $oldStatus ===
'ditolak' ? 'Melakukan penginputan/upload ulang
file perbaikan LPJ.' : 'Mengubah data dokumen
LPJ.',
      ]);
      $targetLpj = $existingLpj;
    } else {
      $targetLpj = LpjModel::create([
        'surat_tugas_id'  => $request-
>surat_tugas_id,
        'pegawai_id'      => $request-
>pegawai_id,
        'hasil_kegiatan'  => $request-
>hasil_kegiatan ?? '-',
```

```
            'file_lpj'        => $filePath,
            'total_biaya_riil' => $totalBiaya,
            'status_validasi'  => 'menunggu',
            'submitted_at'     => now(),
        ]);
        \App\Models\LpjHistoryModel::create([
            'lpj_id'          => $targetLpj->id,
            'user_id'         => Auth::id(),
            'action'          => 'submit',
            'status_sebelumnya' => null,
            'status_baru'     => 'menunggu',
            'catatan'         => 'Mengunggah
laporan LPJ baru.',
        ]);
    }
    return redirect()->route('lpj.show',
$targetLpj->id)->with('success', 'Laporan LPJ
berhasil disimpan.');
  }
  public function show(LpjModel $lpj){
    $lpj->load([

'suratTugas.disposisi.subbagianList.pegawaiList.
jabatan',
        'pegawai.jabatan',
        'history.user',
    ]);
    return view('lpj.show', compact('lpj'));
  }
  public function validasi(Request $request,
LpjModel $lpj){
    if (!Auth::user()->hasAnyRole(['admin',
'bendahara', 'ppk'])) {
        abort(403, 'Akses ditolak.');
    }
    $request->validate([
        'status_validasi'  =>
'required|in:disetujui,ditolak',
        'catatan_bendahara' => 'nullable|string',
    ]);
    $oldStatus = $lpj->status_validasi;
    $newStatus = $request->status_validasi;
    $catatan   = $request->catatan_bendahara;
    $lpj->update([
        'status_validasi'  => $newStatus,
        'catatan_bendahara' => $catatan,
    ]);
    \App\Models\LpjHistoryModel::create([
        'lpj_id'          => $lpj->id,
        'user_id'         => Auth::id(),
        'action'          => $newStatus,
        'status_sebelumnya' => $oldStatus,
        'status_baru'     => $newStatus,
        'catatan'         => $catatan ??
($newStatus === 'disetujui' ? 'LPJ telah
diverifikasi dan disetujui.' : 'LPJ ditolak,
memerlukan penginputan ulang.'),
    ]);
    $msg = $newStatus === 'disetujui' ?
'Laporan LPJ berhasil disetujui.' : 'Laporan LPJ
ditolak dan dikembalikan untuk perbaikan.';
    return back()->with('success', $msg);
  }
  public function edit(LpjModel $lpj){
    $suratTugas =
SuratTugasModel::with('disposisi.subbagianList.
pegawaiList')->findOrFail($lpj->surat_tugas_id);
    return view('lpj.form', compact('suratTugas',
'lpj'));
  }
  public function destroy(LpjModel $lpj){
    $lpj->delete();
    return redirect()->route('lpj.index')-
>with('success', 'Laporan LPJ berhasil
dihapus.');
  }
}
```

18. Tampilan Halaman Daftar LPJ Perjalanan Dinas (resources\views\lpj\index.blade.php)

```
@extends('layouts.app')
@section('title', 'Laporan Pertanggungjawaban
(LPJ)')
@section('content')
<div class="space-y-8">
  <!-- Pending SPPD Section: Belum ada LPJ --
>
  @if(count($pending_sppds_new) > 0)
  <div class="bg-amber-50 border border-
amber-100 rounded-3xl p-8">
    <div class="flex items-center space-x-3 mb-
6">
      <div class="w-10 h-10 bg-amber-500
text-white rounded-xl flex items-center justify-
center shadow-lg shadow-amber-500/20">
        <i class="fas fa-exclamation-
triangle"></i>
      </div>
      <div>
        <h4 class="font-bold text-amber-
900">Perlu Upload LPJ</h4>
        <p class="text-amber-700 text-
xs">Daftar perjalanan dinas yang telah selesai
namun belum mengunggah file laporan LPJ</p>
      </div>
    </div>
    <div class="grid grid-cols-1 md:grid-cols-2
lg:grid-cols-3 gap-6">
      @foreach($pending_sppds_new as $st)
```

```
        @php
            $isDitolak = $st->lpj && $st->lpj->status_validasi === 'ditolak';
            $untukText = is_array($st->untuk) ? implode(', ', array_filter($st->untuk)) : ($st->untuk ?? '-');
        @endphp
        <div class="bg-white p-6 rounded-2xl border {{ $isDitolak ? 'border-rose-300 bg-rose-50/20' : 'border-amber-200' }} shadow-sm flex flex-col justify-between">
            <div>
                <div class="flex items-center justify-between gap-2">
                    <span class="text-[10px] font-bold {{ $isDitolak ? 'text-rose-600' : 'text-amber-600' }} uppercase tracking-widest">{{ $st->no_st }}</span>
                    @if($isDitolak)
                        <span class="px-2 py-0.5 bg-rose-100 text-rose-800 font-bold text-[10px] rounded-full"><i class="fas fa-times-circle mr-1"></i>DITOLAK</span>
                    @endif
                </div>
                <h5 class="font-bold text-slate-800 mt-2 line-clamp-2">{{ $untukText }}</h5>
                <p class="text-xs text-slate-500 mt-2"><i class="fas fa-map-marker-alt mr-1"></i> {{ $st->tempat_pelaksanaan }}</p>
                @if($isDitolak && $st->lpj?->catatan_bendahara)
                <div class="mt-3 p-3 bg-rose-50 border border-rose-200 rounded-xl">
                    <p class="text-[11px] text-rose-800 font-semibold"><i class="fas fa-comment-alt mr-1 text-rose-600"></i> Catatan Bendahara:</p>
                    <p class="text-xs text-rose-900 mt-0.5 italic font-medium">"{{ $st->lpj->catatan_bendahara }}"</p>
                </div>
                @endif
            </div>
            @if($isDitolak && $st->lpj)
            <a href="{{ route('lpj.edit', $st->lpj->id) }}" class="mt-6 w-full py-3 bg-rose-600 hover:bg-rose-700 text-white text-center rounded-xl font-bold text-sm transition-all shadow-md flex items-center justify-center gap-2">
                <i class="fas fa-redo"></i>
                <span>PENGINPUTAN ULANG LPJ</span>
            </a>
            @else
            <a href="{{ route('lpj.create', ['surat_tugas_id' => $st->id]) }}" class="mt-6 w-full py-3 bg-amber-500 hover:bg-amber-600 text-white text-center rounded-xl font-bold text-sm transition-all shadow-md flex items-center justify-center gap-2"><i class="fas fa-file-upload"></i><span>UPLOAD LAPORAN</span>
            </a>
            @endif
        </div>
        @endforeach
    </div>
</div>
@endif
<!-- History / All LPJ -->
<div>
    {{-- Filter & Search Form --}}
    <form method="GET" action="{{ route('lpj.index') }}" class="mb-4 flex flex-col xl:flex-row gap-3">
        <div class="flex-1">
            <div class="relative">
                <i class="fas fa-search absolute left-3.5 top-1/2 -translate-y-1/2 text-slate-400 text-sm"></i>
                <input type="text" name="search" value="{{ request('search') }}"
                    placeholder="Cari no. ST, nama pegawai, hasil kegiatan..."
                    class="w-full pl-10 pr-4 py-2.5 border border-slate-200 rounded-xl text-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none bg-white">
            </div>
        </div>

        {{-- Filter Tanggal Submit --}}
        <div class="flex items-center gap-2 bg-white border border-slate-200 rounded-xl px-3 py-1.5 shadow-sm">
            <i class="fas fa-calendar-alt text-slate-400 text-sm"></i>
            <span class="text-xs font-semibold text-slate-500 whitespace-nowrap">Tgl Upload:</span>
            <input type="date" name="tgl_mulai" value="{{ request('tgl_mulai') }}"
                title="Tanggal Upload Mulai"
                class="py-1 text-xs text-slate-600 outline-none bg-transparent font-medium">
            <span class="text-slate-300 text-xs font-bold">-</span>
            <input type="date" name="tgl_selesai" value="{{ request('tgl_selesai') }}"
                title="Tanggal Upload Sampai"
```

```
                    class="py-1 text-xs text-slate-600
outline-none bg-transparent font-medium">
            </div>
            <div class="flex items-center gap-2">
              <button type="submit" class="px-5 py-
2.5 bg-slate-800 text-white rounded-xl text-sm
font-medium hover:bg-slate-700 transition-colors
flex items-center gap-2"><i class="fas fa-filter
text-xs"></i> Filter
              </button>
              @if(request('search') ||
request('tgl_mulai') || request('tgl_selesai'))
              <a href="{{ route('lpj.index') }}"
                class="px-4 py-2.5 bg-slate-100 text-
slate-600 rounded-xl text-sm font-medium
hover:bg-slate-200 transition-colors flex items-
center gap-1.5"
                title="Reset Filter"><i class="fas fa-
redo text-xs"></i>Reset
              </a>
              @endif
            </div>
          </form>
          <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden">
            <div class="px-8 py-6 border-b border-
slate-100 flex items-center justify-between">
              <h3 class="font-bold text-slate-800
uppercase tracking-tight">Daftar Laporan
(LPJ)</h3>
            </div>
            <div class="overflow-x-auto">
              <table class="w-full text-left border-
collapse">
                <thead>
                  <tr class="bg-slate-50/50">
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">No. Surat Tugas</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Pegawai Pelapor</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Uraian / Hasil Kegiatan</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-right">Total Biaya</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-center">Status Validasi</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-center">File Laporan LPJ</th>
                    <th class="px-8 py-4 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-right">Aksi</th>
                  </tr>
                </thead>
                <tbody class="divide-y divide-slate-
100">
                  @forelse($lpjs as $lpj)
                  <tr class="hover:bg-slate-50/50
transition-colors">
                    <td class="px-8 py-4">
                      <span class="font-mono
text-xs font-bold text-slate-700">{{ $lpj-
>suratTugas->no_st ?? '-' }}</span>
                      <p class="text-[10px] text-
slate-400 mt-1 uppercase">{{ $lpj->submitted_at
? $lpj->submitted_at->format('d M Y H:i') : '-'
}}</p>
                    </td>
                    <td class="px-8 py-4">
                      <p class="text-sm font-bold
text-slate-800">{{ $lpj->pegawai-
>nama_lengkap ?? '-' }}</p>
                      <p class="text-[10px] text-
slate-400">NIP: {{ $lpj->pegawai->nip ?? '-'
}}</p>
                    </td>
                    <td class="px-8 py-4">
                      <p class="text-xs text-slate-
700 line-clamp-2">{{ $lpj->hasil_kegiatan ?? '-'
}}</p>
                    </td>
                    <td class="px-8 py-4 text-right
whitespace-nowrap">
                      <span class="font-mono
text-xs font-bold text-emerald-700">Rp {{
number_format($lpj->total_biaya_riil ?? 0, 0, ',',
'.') }}</span>
                    </td>
                    <td class="px-8 py-4 text-left">
                      @if($lpj->status_validasi
=== 'disetujui')
                        <span class="inline-flex
items-center gap-1 px-2.5 py-1 bg-emerald-100
text-emerald-800 border border-emerald-300
rounded-lg text-xs font-bold">
                          <i class="fas fa-check-
circle text-emerald-600"></i> Disetujui
                        </span>
                      @elseif($lpj-
>status_validasi === 'ditolak')
                        <div class="flex flex-col">
                          <span class="inline-flex
items-center gap-1 px-2.5 py-1 bg-rose-100 text-
rose-800 border border-rose-300 rounded-lg
```

```
text-xs font-bold" title="{{ $lpj->catatan_bendahara }}">
                                    <i class="fas fa-times-circle text-rose-600"></i> Ditolak
                                </span>
                                @if($lpj->catatan_bendahara)
                                    <p class="text-[10px] text-rose-600 font-medium mt-1 max-w-sm text-left" title="{{ $lpj->catatan_bendahara }}">
                                        {{ $lpj->catatan_bendahara }}
                                    </p>
                                @endif
                            </div>
                        @else
                            <span class="inline-flex items-center gap-1 px-2.5 py-1 bg-amber-100 text-amber-800 border border-amber-300 rounded-lg text-xs font-bold">
                                <i class="fas fa-clock text-amber-600"></i> Menunggu Validasi
                            </span>
                        @endif
                    </td>
                    <td class="px-8 py-4 text-center">
                        @if($lpj->file_lpj)
                            <a href="#" @click.prevent="$dispatch('preview-doc', { url: '{{ Storage::url($lpj->file_lpj) }}', title: 'File Laporan LPJ - {{ $lpj->suratTugas->no_st ?? '' }}', google: true })"
                                class="inline-flex items-center gap-1.5 px-3 py-1.5 bg-emerald-50 text-emerald-700 hover:bg-emerald-100 rounded-xl text-xs font-bold transition-all border border-emerald-200">
                                <i class="fas fa-file-alt"></i>
                                <span>Lihat File LPJ</span>
                            </a>
                        @else
                            <span class="text-xs text-slate-400 italic">Belum ada file</span>
                        @endif
                    </td>
                    <td class="px-8 py-4 text-right flex items-center justify-end space-x-2">
                        <a href="{{ route('lpj.show', $lpj->id) }}" class="w-8 h-8 flex items-center justify-center rounded-xl bg-slate-100 text-slate-600 hover:bg-blue-600 hover:text-white transition-colors" title="Detail & Riwayat Status LPJ">
                            <i class="fas fa-eye text-xs"></i>
                        </a>
                        @if(!auth()->user()->hasAnyRole(['bendahara', 'ppk']))
                            @if($lpj->status_validasi === 'ditolak')
                                <a href="{{ route('lpj.edit', $lpj->id) }}" class="px-3 py-1.5 bg-rose-600 hover:bg-rose-700 text-white rounded-xl text-xs font-bold transition-all shadow-sm flex items-center gap-1.5" title="Input Ulang / Perbaiki LPJ">
                                    <i class="fas fa-redo text-xs"></i>
                                    <span>Input Ulang</span>
                                </a>
                            @else
                                <a href="{{ route('lpj.edit', $lpj->id) }}" class="w-8 h-8 flex items-center justify-center rounded-xl bg-slate-100 text-slate-600 hover:bg-amber-500 hover:text-white transition-colors" title="Edit LPJ">
                                    <i class="fas fa-pencil-alt text-xs"></i>
                                </a>
                            @endif
                            <form action="{{ route('lpj.destroy', $lpj->id) }}" method="POST" onsubmit="return confirm('Apakah Anda yakin ingin menghapus Laporan LPJ ini?');" class="inline">
                                @csrf
                                @method('DELETE')
                                <button type="submit" class="w-8 h-8 flex items-center justify-center rounded-xl bg-slate-100 text-slate-600 hover:bg-rose-500 hover:text-white transition-colors" title="Hapus LPJ">
                                    <i class="fas fa-trash text-xs"></i>
                                </button>
                            </form>
                        @endif
                    </td>
                </tr>
                @empty
                <tr>
                    <td colspan="6" class="px-8 py-10 text-center text-slate-400 italic">Belum ada laporan LPJ yang diunggah.</td>
                </tr>
                @endforelse
            </tbody>
```

```
            </table>
          </div>
          @if($lpjs->hasPages())
            <div class="px-8 py-4 border-t border-
slate-100">
              {{ $lpjs->links() }}
            </div>
          @endif
        </div>
    </div>
</div>
@endsection
```

19. Controller Laporan Perjalanan (app\Http\Controllers\LaporanPerjalanan Controller.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\GolonganModel;
use App\Models\JabatanModel;
use App\Models\SuratTugasModel;
use Barryvdh\DomPDF\Facade\Pdf;
use Illuminate\Http\Request;
class LaporanPerjalananController extends
Controller{
    public function index(Request $request){
        $jabatans =
JabatanModel::orderBy('nama_jabatan')->get();
        $golongans =
GolonganModel::orderBy('kode_golongan')-
>get();
        $years =
SuratTugasModel::selectRaw('YEAR(tgl_pelaks
anaan_mulai) as year')
            ->whereNotNull('tgl_pelaksanaan_mulai')
            ->distinct()
            ->orderBy('year', 'desc')
            ->pluck('year')
            ->toArray();
        if (empty($years)) {
            $years = [date('Y')];
        }
        $query =
SuratTugasModel::with(['disposisi.subbagianList.
pegawaiList.golongan',
'disposisi.subbagianList.pegawaiList.jabatan',
'lpj']);
        // Apply Filters
        if ($request->filled('jabatan_id')) {
            $query-
>whereHas('disposisi.subbagianList.pegawaiList
', function ($q) use ($request) {
                $q->where('jabatan_id', $request-
>jabatan_id);
            });
        }
        if ($request->filled('golongan_id')) {
            $query-
>whereHas('disposisi.subbagianList.pegawaiList
', function ($q) use ($request) {
                $q->where('golongan_id', $request-
>golongan_id);
            });
        }
        if ($request->filled('bulan')) {
            $query-
>whereMonth('tgl_pelaksanaan_mulai',
$request->bulan);
        }
        if ($request->filled('tahun')) {
            $query-
>whereYear('tgl_pelaksanaan_mulai', $request-
>tahun);
        }
        if ($request->filled('status')) {
            $status = $request->status;
            if ($status === 'belum_lpj') {
                $query->whereDoesntHave('lpj');
            } elseif ($status === 'lpj_menunggu') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi',
'menunggu');
                });
            } elseif ($status === 'lpj_disetujui') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi',
'disetujui');
                });
            } elseif ($status === 'lpj_ditolak') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi',
'ditolak');
                });
            }
        }
        $sppds = $query-
>orderBy('tgl_pelaksanaan_mulai', 'desc')-
>paginate(10)->withQueryString();

        return view('laporan.perjalanan',
compact('sppds', 'jabatans', 'golongans',
'years'));
    }
    public function downloadPdf(Request
$request){
        $query =
SuratTugasModel::with(['disposisi.subbagianList.
pegawaiList.golongan',
'disposisi.subbagianList.pegawaiList.jabatan',
'lpj']);
        $filters = [];
```

```
        if ($request->filled('jabatan_id')) {
            $query->whereHas('disposisi.subbagianList.pegawaiList', function ($q) use ($request) {
                $q->where('jabatan_id', $request->jabatan_id);
            });
            $jabatan = JabatanModel::find($request->jabatan_id);
            $filters['Jabatan'] = $jabatan ? $jabatan->nama_jabatan : 'Tidak Diketahui';
        } else {
            $filters['Jabatan'] = 'Semua Jabatan';
        }
        if ($request->filled('golongan_id')) {
            $query->whereHas('disposisi.subbagianList.pegawaiList', function ($q) use ($request) {
                $q->where('golongan_id', $request->golongan_id);
            });
            $golongan = GolonganModel::find($request->golongan_id);
            $filters['Golongan'] = $golongan ? $golongan->nama_golongan . ' (' . $golongan->kode_golongan . ')' : 'Tidak Diketahui';
        } else {
            $filters['Golongan'] = 'Semua Golongan';
        }
        if ($request->filled('bulan')) {
            $query->whereMonth('tgl_pelaksanaan_mulai', $request->bulan);
            $months = [
                1 => 'Januari', 2 => 'Februari', 3 => 'Maret', 4 => 'April',
                5 => 'Mei', 6 => 'Juni', 7 => 'Juli', 8 => 'Agustus',
                9 => 'September', 10 => 'Oktober', 11 => 'November', 12 => 'Desember'
            ];
            $filters['Bulan'] = $months[(int)$request->bulan] ?? '';
        } else {
            $filters['Bulan'] = 'Semua Bulan';
        }
        if ($request->filled('tahun')) {
            $query->whereYear('tgl_pelaksanaan_mulai', $request->tahun);
            $filters['Tahun'] = $request->tahun;
        } else {
            $filters['Tahun'] = 'Semua Tahun';
        }
        if ($request->filled('status')) {
            $status = $request->status;
            if ($status === 'belum_lpj') {
                $query->whereDoesntHave('lpj');
                $filters['Status'] = 'Belum LPJ';
            } elseif ($status === 'lpj_menunggu') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi', 'menunggu');
                });
                $filters['Status'] = 'LPJ Menunggu';
            } elseif ($status === 'lpj_disetujui') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi', 'disetujui');
                });
                $filters['Status'] = 'LPJ Disetujui';
            } elseif ($status === 'lpj_ditolak') {
                $query->whereHas('lpj', function ($q) {
                    $q->where('status_validasi', 'ditolak');
                });
                $filters['Status'] = 'LPJ Ditolak';
            }
        } else {
            $filters['Status'] = 'Semua Status';
        }
        $sppds = $query->orderBy('tgl_pelaksanaan_mulai', 'desc')->get();

        $bendahara = \App\Models\PegawaiModel::whereHas('jabatan', function($q) {
            $q->where('nama_jabatan', 'Bendahara Pengeluaran');
        })->first();
        $pdf = Pdf::loadView('pdf.laporan-perjalanan', compact('sppds', 'filters', 'bendahara'));
        return $pdf->setPaper('a4', 'landscape')->download('Laporan_Riwayat_Perjalanan_Dinas_'.date('YmdHis').'.pdf');
    }
}
```

20. Tampilan Halaman Laporan Pertanggungjawaban (LPJ) (resources\views\laporan\lpj.blade.php)

```
@extends('layouts.app')
@section('title', 'Laporan Pertanggungjawaban (LPJ)')
@section('content')
<div class="space-y-6">
    <!-- Filters Card -->
    <div class="bg-white p-6 rounded-3xl border border-slate-100 shadow-sm">
```

```
    <h3 class="text-lg font-bold text-slate-800 mb-4">Filter Laporan LPJ</h3>
    <form method="GET" action="{{ route('laporan.sppd') }}" class="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-4 gap-4">
        <!-- Pencarian Kata Kunci -->
        <div class="md:col-span-2 lg:col-span-2">
            <label for="search" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Pencarian Kata Kunci</label>
            <div class="relative">
                <i class="fas fa-search absolute left-3.5 top-1/2 -translate-y-1/2 text-slate-400 text-sm"></i>
                <input type="text" name="search" id="search" value="{{ request('search') }}"
                    placeholder="Cari no ST, nama pegawai, hasil kegiatan..."
                    class="w-full pl-10 pr-4 py-2 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary outline-none">
            </div>
        </div>
        <!-- Tanggal Pengajuan Mulai -->
        <div>
            <label for="tgl_mulai" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Dari Tanggal</label>
            <input type="date" name="tgl_mulai" id="tgl_mulai" value="{{ request('tgl_mulai') }}"
                class="w-full px-3 py-2 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary">
        </div>
        <!-- Tanggal Pengajuan Selesai -->
        <div>
            <label for="tgl_selesai" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Sampai Tanggal</label>
            <input type="date" name="tgl_selesai" id="tgl_selesai" value="{{ request('tgl_selesai') }}"
                class="w-full px-3 py-2 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary">
        </div>
        <!-- Jabatan Filter -->
        <div>
            <label for="jabatan_id" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Jabatan</label>
            <select name="jabatan_id" id="jabatan_id" class="w-full px-3 py-2.5 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary cursor-pointer">
                <option value="">-- Semua Jabatan --</option>
                @foreach($jabatans as $jabatan)
                    <option value="{{ $jabatan->id }}" {{ request('jabatan_id') == $jabatan->id ? 'selected' : '' }}>
                        {{ $jabatan->nama_jabatan }}
                    </option>
                @endforeach
            </select>
        </div>
        <!-- Golongan Filter -->
        <div>
            <label for="golongan_id" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Golongan</label>
            <select name="golongan_id" id="golongan_id" class="w-full px-3 py-2.5 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary cursor-pointer">
                <option value="">-- Semua Golongan --</option>
                @foreach($golongans as $golongan)
                    <option value="{{ $golongan->id }}" {{ request('golongan_id') == $golongan->id ? 'selected' : '' }}>
                        {{ $golongan->kode_golongan }} - {{ $golongan->pangkat }}
                    </option>
                @endforeach
            </select>
        </div>
        <!-- Bulan Filter -->
        <div>
            <label for="bulan" class="block text-xs font-semibold text-slate-500 uppercase tracking-wider mb-2">Bulan Pengajuan</label>
            <select name="bulan" id="bulan" class="w-full px-3 py-2.5 bg-slate-50 border border-slate-300 rounded-xl text-sm focus:border-primary focus:ring-primary cursor-pointer">
                <option value="">-- Semua Bulan --</option>
                @php
                    $months = [
                        1 => 'Januari', 2 => 'Februari', 3 => 'Maret', 4 => 'April',
                        5 => 'Mei', 6 => 'Juni', 7 => 'Juli', 8 => 'Agustus',
```

```
                    9 => 'September', 10 =>
'Oktober', 11 => 'November', 12 => 'Desember'
                ];
            @endphp
            @foreach($months as $key =>
$name)
                <option value="{{ $key }}" {{
request('bulan') == $key ? 'selected' : '' }}>
                    {{ $name }}
                </option>
            @endforeach
        </select>
    </div>

    <!-- Tahun Filter -->
    <div>
        <label for="tahun" class="block text-xs
font-semibold text-slate-500 uppercase tracking-
wider mb-2">Tahun</label>
        <select name="tahun" id="tahun"
class="w-full px-3 py-2.5 bg-slate-50 border
border-slate-300 rounded-xl text-sm
focus:border-primary focus:ring-primary cursor-
pointer">
            <option value="">-- Semua Tahun --
</option>
            @foreach($years as $yr)
                <option value="{{ $yr }}" {{
request('tahun', date('Y')) == $yr ? 'selected' : ''
}}>
                    {{ $yr }}
                </option>
            @endforeach
        </select>
    </div>

    <!-- Buttons -->
    <div class="md:col-span-2 lg:col-span-4
flex items-center justify-end space-x-3 mt-2">
        <a href="{{ route('laporan.sppd') }}"
class="px-4 py-2.5 text-sm font-semibold text-
slate-600 bg-slate-100 hover:bg-slate-200
rounded-xl transition-all cursor-pointer">
            Reset Filter
        </a>
        <button type="submit" class="px-4 py-
2.5 text-sm font-semibold text-white bg-primary
hover:bg-primary-dark rounded-xl transition-all
shadow-md shadow-primary/10 flex items-center
cursor-pointer">
            <i class="fas fa-filter mr-2"></i>
Terapkan Filter
        </button>
        <a href="{{ route('laporan.sppd.pdf',
request()->all()) }}" class="px-4 py-2.5 text-sm
font-semibold text-white bg-rose-600 hover:bg-
rose-700 rounded-xl transition-all shadow-md
shadow-rose-600/10 flex items-center cursor-
pointer">
            <i class="fas fa-file-pdf mr-2"></i>
Cetak PDF
        </a>
    </div>
</form>
</div>

<!-- Results Table Card -->
<div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden">
    <div class="px-6 py-5 border-b border-
slate-100 flex items-center justify-between">
        <h3 class="font-bold text-slate-
800">Daftar Pertanggungjawaban LPJ</h3>
        <span class="px-3 py-1 bg-slate-100
text-slate-700 rounded-full text-xs font-
semibold">
            {{ $lpjs->count() }} Laporan Ditemukan
        </span>
    </div>

    <div class="overflow-x-auto">
        <table class="w-full text-left border-
collapse">
            <thead>
                <tr class="bg-slate-50/50">
                    <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">Surat Tugas</th>
                    <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">Pegawai Pelapor</th>
                    <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider">Kegiatan / Hasil</th>
                    <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider text-right">Total Biaya</th>
                    <th class="px-6 py-4 text-xs font-
semibold text-slate-500 uppercase tracking-
wider text-center">File Laporan LPJ</th>
                </tr>
            </thead>
            <tbody class="divide-y divide-slate-
100">
                @forelse($lpjs as $lpj)
                <tr class="hover:bg-slate-50/50
transition-colors">
                    <td class="px-6 py-4">
                        <p class="font-mono text-sm
font-semibold text-slate-800">{{ $lpj-
>suratTugas->no_st ?? '-' }}</p>
```

```
                        <p class="text-[10px] text-
slate-400 mt-1 uppercase">{{ $lpj->submitted_at
? $lpj->submitted_at->translatedFormat('d M Y
H:i') : '-' }}</p>
                    </td>
                    <td class="px-6 py-4">
                      <p class="text-sm font-bold
text-slate-800">{{ $lpj->pegawai-
>nama_lengkap ?? '-' }}</p>
                      <p class="text-xs text-slate-
500">NIP: {{ $lpj->pegawai->nip ?? '-' }}</p>
                    </td>
                    <td class="px-6 py-4 text-sm text-
slate-600 max-w-xs truncate" title="{{
is_string($lpj->hasil_kegiatan) ? $lpj-
>hasil_kegiatan : '' }}">
                      <p class="font-semibold text-
slate-800 mb-1">{{ is_array($val = $lpj-
>suratTugas?->untuk) ? implode('; ',
array_filter($val)) : (is_string($val) ? $val : '-')
}}</p>
                      <p class="text-xs text-slate-
500 italic">{{ is_string($lpj->hasil_kegiatan) ?
$lpj->hasil_kegiatan : '-' }}</p>
                    </td>
                    <td class="px-6 py-4 text-right
whitespace-nowrap">
                      <span class="font-mono text-
sm font-bold text-emerald-700">Rp {{
number_format($lpj->total_biaya_riil ?? 0, 0, ',',
'.') }}</span>
                    </td>
                    <td class="px-6 py-4 text-
center">
                      @if($lpj->file_lpj)
                        <a href="#"
@click.prevent="$dispatch('preview-doc', { url: '{{
Storage::url($lpj->file_lpj) }}', title: 'File Laporan
LPJ - {{ $lpj->suratTugas->no_st ?? '' }}', google:
true })" class="inline-flex items-center gap-1.5
px-3 py-1.5 bg-emerald-50 text-emerald-700
hover:bg-emerald-100 rounded-xl text-xs font-
bold transition-all border border-emerald-200">
                          <i class="fas fa-file-
alt"></i>
                          <span>Lihat File
LPJ</span>
                        </a>
                      @else
                        <span class="text-xs text-
slate-400 italic">Belum ada file</span>
                      @endif
                    </td>
                  </tr>
                  @empty
                  <tr>
                    <td colspan="5" class="px-6 py-
12 text-center text-slate-400 italic">
                      <div class="flex flex-col items-
center justify-center">
                        <i class="fas fa-folder-open
text-4xl mb-3 text-slate-300"></i>
                        <p>Tidak ada data LPJ
yang sesuai dengan filter.</p>
                      </div>
                    </td>
                  </tr>
                  @endforelse
                </tbody>
              </table>
            </div>
            @if($lpjs->hasPages())
              <div class="px-6 py-4 border-t border-
slate-100">
                {{ $lpjs->links() }}
              </div>
            @endif
          </div>
        </div>
        @endsection
```

21. Controller Laporan Statistik (app\Http\Controllers\LaporanStatistikController.php)

```
<?php
namespace App\Http\Controllers;
use App\Models\DisposisiSubbagianModel;
use App\Models\LpjModel;
use App\Models\PegawaiModel;
use App\Models\SuratMasukModel;
use App\Models\SuratTugasModel;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\DB;
class LaporanStatistikController extends
Controller{
    public function index(Request $request){
        $tahun = $request->input('tahun', date('Y'));
$years =
SuratTugasModel::selectRaw('YEAR(tgl_pelaks
anaan_mulai) as year')
            ->whereNotNull('tgl_pelaksanaan_mulai')
            ->distinct()
            ->orderBy('year', 'desc')
            ->pluck('year')
            ->toArray();
        if (empty($years)) {
            $years = [(int)date('Y')];
        }
        // 1. Stat Cards Summaries
```

```
        $totalSuratMasuk =
SuratMasukModel::whereYear('tanggal_surat',
$tahun)->count();
        $totalSuratTugas =
SuratTugasModel::whereYear('tgl_pelaksanaan
_mulai', $tahun)->count();
        $totalLpj       =
LpjModel::whereYear('submitted_at', $tahun)-
>count();
        $totalPegawaiAktif =
DB::table('disposisi_pegawai')
            ->join('disposisi_subbagian',
'disposisi_pegawai.disposisi_subbagian_id', '=',
'disposisi_subbagian.id')
            ->join('surat_tugas',
'disposisi_subbagian.disposisi_id', '=',
'surat_tugas.disposisi_id')
            -
>whereYear('surat_tugas.tgl_pelaksanaan_mula
i', $tahun)
            -
>distinct('disposisi_pegawai.pegawai_id')
            ->count('disposisi_pegawai.pegawai_id');

        // 2. Monthly Trend Data (Jan - Dec)
        $months = [
            1 => 'Jan', 2 => 'Feb', 3 => 'Mar', 4 =>
'Apr',
            5 => 'Mei', 6 => 'Jun', 7 => 'Jul', 8 =>
'Agu',
            9 => 'Sep', 10 => 'Okt', 11 => 'Nov', 12
=> 'Des'
        ];

        $monthlySt = array_fill(1, 12, 0);
        $stByMonth =
SuratTugasModel::selectRaw('MONTH(tgl_pelak
sanaan_mulai) as month, COUNT(*) as count')
            ->whereYear('tgl_pelaksanaan_mulai',
$tahun)
            ->groupBy('month')
            ->pluck('count', 'month')
            ->toArray();

        foreach ($stByMonth as $m => $val) {
            $monthlySt[$m] = (int)$val;
        }

        $monthlyLpj = array_fill(1, 12, 0);
        $lpjByMonth =
LpjModel::selectRaw('MONTH(submitted_at) as
month, COUNT(*) as count')
            ->whereYear('submitted_at', $tahun)
            ->groupBy('month')
            ->pluck('count', 'month')
            ->toArray();

        foreach ($lpjByMonth as $m => $val) {
            $monthlyLpj[$m] = (int)$val;
        }

        // 3. Distribution Per Sub Bagian
        $subbagStats =
DB::table('disposisi_subbagian')
            ->join('users',
'disposisi_subbagian.subbagian_user_id', '=',
'users.id')
            ->join('surat_tugas',
'disposisi_subbagian.disposisi_id', '=',
'surat_tugas.disposisi_id')
            ->leftJoin('pegawai', 'users.pegawai_id',
'=', 'pegawai.id')
            ->leftJoin('jabatan', 'pegawai.jabatan_id',
'=', 'jabatan.id')
            -
>whereYear('surat_tugas.tgl_pelaksanaan_mula
i', $tahun)
            ->select(
                'users.username',

DB::raw("COALESCE(jabatan.nama_jabatan,
pegawai.nama_lengkap, users.username) as
subbag_name"),

DB::raw('COUNT(disposisi_subbagian.id) as
total_penugasan')
            )
            ->groupBy('users.id', 'users.username',
'jabatan.nama_jabatan',
'pegawai.nama_lengkap')
            ->orderBy('total_penugasan', 'desc')
            ->get();

        // 4. Top 5 Most Assigned Pegawai
        $topPegawai =
DB::table('disposisi_pegawai')
            ->join('pegawai',
'disposisi_pegawai.pegawai_id', '=', 'pegawai.id')
            ->leftJoin('jabatan', 'pegawai.jabatan_id',
'=', 'jabatan.id')
            ->join('disposisi_subbagian',
'disposisi_pegawai.disposisi_subbagian_id', '=',
'disposisi_subbagian.id')
            ->join('surat_tugas',
'disposisi_subbagian.disposisi_id', '=',
'surat_tugas.disposisi_id')
            -
>whereYear('surat_tugas.tgl_pelaksanaan_mula
i', $tahun)
            ->select(
                'pegawai.nama_lengkap',
                'pegawai.nip',
```

```
DB::raw("COALESCE(jabatan.nama_jabatan, '-') as nama_jabatan"),
            DB::raw('COUNT(DISTINCT surat_tugas.id) as total_st')
        )
        ->groupBy('pegawai.id', 'pegawai.nama_lengkap', 'pegawai.nip', 'jabatan.nama_jabatan')
        ->orderBy('total_st', 'desc')
        ->limit(5)
        ->get();

    return view('laporan.statistik', compact(
        'tahun',
        'years',
        'totalSuratMasuk',
        'totalSuratTugas',
        'totalLpj',
        'totalPegawaiAktif',
        'months',
        'monthlySt',
        'monthlyLpj',
        'subbagStats',
        'topPegawai'
    ));
  }
}
```

22. Tampilan Halaman Laporan Statistik Perjalanan Dinas (resources\views\laporan\statistik.blade.php)

```
@extends('layouts.app')
@section('title', 'Statistik Laporan Perjalanan Dinas')
@section('content')
<div class="space-y-6">
  {{-- Header & Year Filter --}}
  <div class="flex flex-col md:flex-row md:items-center md:justify-between gap-4">
    <div>
      <h3 class="text-slate-800 font-bold text-xl">Statistik Laporan Perjalanan Dinas</h3>
      <p class="text-slate-500 text-sm mt-0.5">Analisis data agregat surat tugas, penugasan subbagian, dan penyampaian LPJ</p>
    </div>
    <form method="GET" action="{{ route('laporan.statistik') }}" class="flex items-center gap-3">
      <label for="tahun" class="text-xs font-bold text-slate-500 uppercase tracking-wider whitespace-nowrap"><i class="fas fa-calendar-alt mr-1"></i> Tahun Anggaran:
      </label>
      <select name="tahun" id="tahun" onchange="this.form.submit()"
        class="px-4 py-2 bg-white border border-slate-200 rounded-xl text-sm font-bold text-slate-700 shadow-sm focus:ring-2 focus:ring-primary/20 focus:border-primary outline-none cursor-pointer">
        @foreach($years as $yr)
          <option value="{{ $yr }}" {{ $tahun == $yr ? 'selected' : '' }}>Tahun {{ $yr }}</option>
        @endforeach
      </select>
    </form>
  </div>

  {{-- Stat Cards --}}
  <div class="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-4 gap-4">
    {{-- Card 1: Surat Masuk --}}
    <div class="bg-white rounded-3xl p-6 border border-slate-100 shadow-sm flex items-center gap-4">
      <div class="w-14 h-14 rounded-2xl bg-blue-50 text-blue-600 flex items-center justify-center text-2xl flex-shrink-0"><i class="fas fa-envelope-open-text"></i>
      </div>
      <div>
        <p class="text-3xl font-extrabold text-slate-800">{{ number_format($totalSuratMasuk) }}</p>
        <p class="text-xs font-semibold text-slate-400 uppercase tracking-wider mt-1">Surat Masuk ({{ $tahun }})</p>
      </div>
    </div>
    {{-- Card 2: Surat Tugas --}}
    <div class="bg-white rounded-3xl p-6 border border-slate-100 shadow-sm flex items-center gap-4">
      <div class="w-14 h-14 rounded-2xl bg-emerald-50 text-emerald-600 flex items-center justify-center text-2xl flex-shrink-0"><i class="fas fa-file-signature"></i>
      </div>
      <div>
        <p class="text-3xl font-extrabold text-slate-800">{{ number_format($totalSuratTugas) }}</p>
        <p class="text-xs font-semibold text-slate-400 uppercase tracking-wider mt-1">Surat Tugas Terbit</p>
      </div>
```

```
        </div>
        {{-- Card 3: LPJ Terunggah --}}
        <div class="bg-white rounded-3xl p-6
border border-slate-100 shadow-sm flex items-
center gap-4">
            <div class="w-14 h-14 rounded-2xl bg-
amber-50 text-amber-600 flex items-center
justify-center text-2xl flex-shrink-0"><i class="fas
fa-file-invoice"></i>
            </div>
            <div>
              <p class="text-3xl font-extrabold text-
slate-800">{{ number_format($totalLpj) }}</p>
              <p class="text-xs font-semibold text-
slate-400 uppercase tracking-wider mt-1">File
LPJ Terunggah</p>
            </div>
        </div>
        {{-- Card 4: Pegawai Aktif Penugasan --}}
        <div class="bg-white rounded-3xl p-6
border border-slate-100 shadow-sm flex items-
center gap-4">
            <div class="w-14 h-14 rounded-2xl bg-
purple-50 text-purple-600 flex items-center
justify-center text-2xl flex-shrink-0"><i class="fas
fa-users"></i>
            </div>
            <div>
              <p class="text-3xl font-extrabold text-
slate-800">{{
number_format($totalPegawaiAktif) }}</p>
              <p class="text-xs font-semibold text-
slate-400 uppercase tracking-wider mt-
1">Pegawai Bertugas</p>
            </div>
        </div>
    </div>
    {{-- Charts Section --}}
    <div class="grid grid-cols-1 lg:grid-cols-3 gap-
6">
        {{-- Chart 1: Tren Bulanan Surat Tugas &
LPJ --}}
        <div class="lg:col-span-2 bg-white
rounded-3xl p-6 border border-slate-100
shadow-sm flex flex-col justify-between">
            <div class="flex items-center justify-
between mb-4">
              <div>
                <h4 class="font-bold text-slate-800
text-base">Tren Perjalanan Dinas Bulanan</h4>
                <p class="text-xs text-slate-
400">Perbandingan Surat Tugas Diterbitkan vs
Laporan LPJ Terunggah (Tahun {{ $tahun
}})</p>
              </div>
            </div>
            <div class="h-72 w-full relative">
              <canvas
id="monthlyTrendChart"></canvas>
            </div>
        </div>
        {{-- Chart 2: Distribusi Per Sub Bagian --}}
        <div class="bg-white rounded-3xl p-6
border border-slate-100 shadow-sm flex flex-col
justify-between">
            <div>
              <h4 class="font-bold text-slate-800
text-base mb-1">Distribusi Per Sub Bagian</h4>
              <p class="text-xs text-slate-400 mb-
4">Jumlah penugasan perjalanan dinas
berdasarkan unit kerja</p>
            </div>
            <div class="h-64 w-full relative flex
items-center justify-center">
              <canvas id="subbagChart"></canvas>
            </div>
        </div>
    </div>
    {{-- Top 5 Pegawai Leaderboard --}}
    <div class="bg-white rounded-3xl border
border-slate-100 shadow-sm overflow-hidden p-
6">
        <div class="flex items-center justify-
between mb-6">
            <div>
              <h4 class="font-bold text-slate-800
text-base flex items-center gap-2">
                <i class="fas fa-trophy text-amber-
500"></i>
                <span>Top Pegawai Penugasan
Perjalanan Dinas Terbanyak (Tahun {{ $tahun
}})</span>
              </h4>
              <p class="text-xs text-slate-400 mt-
0.5">Daftar personel KPU Deli Serdang dengan
frekuensi pelaksanaan tugas tertinggi</p>
            </div>
        </div>
        <div class="overflow-x-auto">
            <table class="w-full text-left border-
collapse">
              <thead>
                <tr class="bg-slate-50/50">
                  <th class="px-6 py-3.5 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Peringkat</th>
                  <th class="px-6 py-3.5 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Nama Pegawai</th>
                  <th class="px-6 py-3.5 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">NIP</th>
```

```
                    <th class="px-6 py-3.5 text-xs
font-semibold text-slate-500 uppercase tracking-
wider">Jabatan</th>
                    <th class="px-6 py-3.5 text-xs
font-semibold text-slate-500 uppercase tracking-
wider text-center">Total Penugasan ST</th>
                  </tr>
                </thead>
                <tbody class="divide-y divide-slate-
100">
                  @forelse($topPegawai as $index
=> $pgw)
                  <tr class="hover:bg-slate-50/50
transition-colors">
                    <td class="px-6 py-4">
                      @if($index == 0)
                        <span class="w-8 h-8
rounded-full bg-amber-100 text-amber-700 font-
extrabold flex items-center justify-center text-xs
border border-amber-300">🥇 1</span>
                      @elseif($index == 1)
                        <span class="w-8 h-8
rounded-full bg-slate-100 text-slate-700 font-
extrabold flex items-center justify-center text-xs
border border-slate-300">🥈 2</span>
                      @elseif($index == 2)
                        <span class="w-8 h-8
rounded-full bg-orange-100 text-orange-700
font-extrabold flex items-center justify-center
text-xs border border-orange-300">🥉 3</span>
                      @else
                        <span class="w-8 h-8
rounded-full bg-slate-50 text-slate-500 font-bold
flex items-center justify-center text-xs">{{ $index
+ 1 }}</span>
                      @endif
                    </td>
                    <td class="px-6 py-4">
                      <p class="font-bold text-slate-
800 text-sm">{{ $pgw->nama_lengkap }}</p>
                    </td>
                    <td class="px-6 py-4">
                      <p class="font-mono text-xs
text-slate-500">{{ $pgw->nip ?? '-' }}</p>
                    </td>
                    <td class="px-6 py-4">
                      <p class="text-xs text-slate-
700 font-semibold">{{ $pgw->nama_jabatan
}}</p>
                    </td>
                    <td class="px-6 py-4 text-
center">
                      <span class="inline-flex items-
center px-3 py-1 bg-emerald-50 text-emerald-
700 border border-emerald-200 rounded-full
text-xs font-extrabold">
                        <i class="fas fa-file-
signature mr-1.5"></i> {{ $pgw->total_st }}
Perjalanan
                      </span>
                    </td>
                  </tr>
                  @empty
                  <tr>
                    <td colspan="5" class="px-6 py-
10 text-center text-slate-400 italic">Belum ada
data penugasan pegawai pada tahun {{ $tahun
}}.</td>
                  </tr>
                  @endforelse
                </tbody>
              </table>
            </div>
          </div>
        </div>
        @push('scripts')
        <script
src="https://cdn.jsdelivr.net/npm/chart.js"></scrip
t>
        <script>

        document.addEventListener('DOMContentLoade
d', function () {
            // 1. Monthly Trend Chart
            const ctxMonthly =
document.getElementById('monthlyTrendChart')
.getContext('2d');
            const monthsLabel = {!!
json_encode(array_values($months)) !!};
            const stData = {!!
json_encode(array_values($monthlySt)) !!};
            const lpjData = {!!
json_encode(array_values($monthlyLpj)) !!};
            new Chart(ctxMonthly, {
              type: 'bar',
              data: {
                labels: monthsLabel,
                datasets: [
                  {
                    label: 'Surat Tugas',
                    data: stData,
                    backgroundColor: '#0ea5e9',
                    borderRadius: 8,
                  },
                  {
                    label: 'LPJ Terunggah',
                    data: lpjData,
                    backgroundColor: '#10b981',
                    borderRadius: 8,
                  }
```

```
            ]
        },
        options: {
            responsive: true,
            maintainAspectRatio: false,
            plugins: {
                legend: {
                    position: 'top',
                    labels: { font: { family: 'Inter',
weight: 'bold' } }
                }
            },
            scales: {
                y: {
                    beginAtZero: true,
                    ticks: { precision: 0, font: { family:
'Inter' } }
                },
                x: {
                    ticks: { font: { family: 'Inter' } }
                }
            }
        }
    });
    // 2. Subbag Doughnut Chart
    const ctxSubbag =
document.getElementById('subbagChart').getCo
ntext('2d');
    const subbagLabels = {!!
json_encode($subbagStats-
>pluck('subbag_name')) !!};
    const subbagData = {!!
json_encode($subbagStats-
>pluck('total_penugasan')) !!};
    new Chart(ctxSubbag, {
        type: 'doughnut',
        data: {
            labels: subbagLabels.length > 0 ?
subbagLabels : ['Belum Ada Data'],
            datasets: [{
                data: subbagData.length > 0 ?
subbagData : [1],
                backgroundColor: ['#0ea5e9',
'#8b5cf6', '#f59e0b', '#10b981', '#ec4899'],
                borderWidth: 2
            }]
        },
        options: {
            responsive: true,
            maintainAspectRatio: false,
            plugins: {
                legend: {
                    position: 'bottom',
                    labels: { font: { family: 'Inter', size:
11 } }
                }
            }
        }
    });
});
</script>
@endpush
@endsection
```

DAFTAR RIWAYAT HIDUP

A. DATA PRIBADI

Nama Lengkap	:	Siska Saragih
Tempat dan Tanggal Lahir	:	Cinta Rakyat / 23-06-1988
Jenis Kelamin	:	Wanita
Status	:	Kawin
Kewarganegaraan	:	Indonesia
Alamat Lengkap	:	Perum Pagar Merbau Indah
Kota	:	Lubuk Pakam
Kode Pos	:	20515
Telepon/No. HP.	:	085275361710
E-Mail	:	Siskasaragih088@gmail.com
Website	:	-

B. PENDIDIKAN FORMAL

Thn 2000	:	SD No 104208
Thn 2001 s/d thn 2003	:	SLTP Swasta Al-Maksum
Thn 2004 s/d thn 2006	:	SMA Swasta PAB.8 Saentis
Thn 2006 s/d thn 2009	:	Ilmu Komputer, Universitas Sumatera Utara
Thn 2025 s/d thn 2026	:	Sistem Informasi, Universitas Mandiri Bina Prestasi

C. PENDIDIKAN NON FORMAL

Tahun	:	
Tahun	:	

D. PENGALAMAN KERJA

01 April 2010 s/d 01 Maret 2025	:	Komisi Pemilihan Umum Kabupaten Labuhanbatu
02 Maret 2025 sampai dengan sekarang	:	Komisi Pemilihan Umum Kabupaten Deli Serdang

E. PENGALAMAN ORGANISASI

Medan, September 2026



Siska Saragih

UNIVERSITAS MANDIRI BINA PRESTASI	UNIVERSITAS MBP PRODI : Sistem Informasi	Document No. : F-WR1-03-20 Revision No. : 00 Date of Issue : Page : 1 of 1
	Title : **DAFTAR PERBAIKAN SKRIPSI**	

Dengan ini dinyatakan bahwa pada :

Hari / tanggal : Rabu/09 September 2026

Waktu : 09.00 Wib s.d. Selesai

Tempat : Ruang Sidang Universitas MBP

Telah berlangsung Sidang Ujian Pendadaran Skripsi dengan peserta :

Nama Mahasiswa : SISKA SARAGIH

Nomor Induk Mahasiswa : 25213012

Judul Skripsi : Perancangan Sistem Informasi Perjalanan Dinas Berbasis Web pada Kantor Komisi Pemilihan Umum Kabupaten Deli Serdang Menggunakan Metode Waterfall

Dinyatakan HARUS menyelesaikan Perbaikan Skripsi, yaitu :

.....

.....

.....

.....

.....

.....

.....

.....

.....

Perbaikan tersebut harus sudah selesai paling lambat tanggal .....

Medan, September 2026

Dosen Pembimbing,

Jimmy Peranginangin, M.Kom

Ketua Penguji,

Skripsi ini telah selesai diperbaiki sesuai dengan tugas yang ditetapkan dalam Sidang Ujian Skripsi.

Medan, 19 September 2026

Menyetujui,
Dosen Pembimbing,

Jimmy Peranginangin, M.Kom

Mahasiswa,

SISKA SARAGIH

UNIVERSITAS
MANDIRI
BINA PRESTASI

info@umbp.ac.id
(061) 821-7222
https://umbp.ac.id
umbp.ac.id
Universitas MBP

KEPUTUSAN WAKIL REKTOR I UNIVERSITAS MANDIRI BINA PRESTASI
Nomor :667/WR.01/SK.S/ IV /2026

TENTANG

PENGANGKATAN DOSEN PEMBIMBING SKRIPSI PROGRAM STUDI SISTEM INFORMASI (S1) DI LINGKUNGAN UNIVERSITAS MANDIRI BINA PRESTASI TAHUN AKADEMIK 2025/2026

Wakil Rektor I Universitas Mandiri Bina Prestasi, setelah :

Menimbang :
a. bahwa untuk menunjang kelancaran penyelesaian studi mahasiswa tingkat akhir di lingkungan Universitas Mandiri Bina Prestasi (UMBP) yang mempersyaratkan menyusun sebuah karya ilmiah dalam bentuk Skripsi, maka dipandang perlu untuk mengangkat Pembimbing Skripsi Program Studi **Sistem Informasi (S1)** UMBP ;
b. bahwa Dosen Pembimbing Skripsi yang ditunjuk dianggap mampu, cakap dan mempunyai tanggungjawab yang besar untuk melaksanakan tugas butir (a);
c. untuk melaksanakan butir (a) dan (b), perlu menetapkan Dosen Pembimbing Skripsi di lingkungan Universitas Mandiri Bina Prestasi dalam Surat Keputusan Wakil Rektor I (Bidang Akademik).

Mengingat :
1. Undang-Undang Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional;
2. Undang-Undang Nomor 14 Tahun 2005 tentang Guru dan Dosen
3. Undang-Undang Nomor 12 Tahun 2012 tentang Pendidikan Tinggi;
4. Peraturan Pemerintah Nomor 4 Tahun 2014 tentang Penyelenggaran Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi;
5. Peraturan Pemerintah Republik Indonesia Nomor 4 Tahun 2022 tentang Perubahan atas Peraturan Pemerintah Nomor 57 Tahun 2021 tentang Standar Nasional Pendidikan;
6. Peraturan Menteri Pendidikan, Kebudayaan, Riset, Dan Teknologi Republik Indonesia Nomor 53 Tahun 2023 Tentang Penjaminan Mutu Pendidikan Tinggi.
7. Keputusan Menteri Pendidikan, Kebudayaan, Riset, dan Teknologi Republik Indonesia Nomor : 102/E/O/2022 tentang Pemberian Ijin Universitas Mandiri Bina Prestasi yang diselenggarakan oleh Yayasan Medan Business dan Polytechnic.
8. Statuta Universitas Mandiri Bina Prestasi Tahun 2022
9. Pedoman Akademik Universitas Mandiri Bina Prestasi Tahun 2025

MEMUTUSKAN

Menetapkan :

Pertama : Mengangkat **Sdr. Jimmy Peranginangin, M.Kom, NIDN : 0105038502,** menjadi Dosen Pembimbing Skripsi atas nama mahasiswa:

Nama : SISKA SARAGIH
NIM/NPM : 25213012
Judul Skripsi : Perancangan Sistem Informasi Perjalanan Dinas Berbasis Web pada Kantor Komisi Pemilihan Umum Kabupaten Deli Serdang Menggunakan Metode Waterfall

Kedua : Pembiayaan yang diakibatkan dengan diterbitkannya surat keputusan ini, dibebankan kepada mahasiswa

Ketiga : Keputusan ini mulai berlaku sejak tanggal ditetapkan sampai akhir Semester Genap Tahun Akademik 2025/2026, dengan ketentuan apabila dalam membuat Surat Keputusan ini terdapat kekeliruan maka akan dilakukan perbaikan sebagaimana mestinya.

Ditetapkan di : Medan
Pada tanggal : 27 April 2026
Wakil Rektor I,

Wenra Tarigan, ST., M.Kom
NIDN : 0112027101

Tembusan:
1. Rektor UMBP;
2. Wakil Rektor II UMBP;
3. Ketua Program Studi;
4. Ka. BAUK UMP;
5. Ka. BAA UMBP
6. Satuan Penjaminan Mutu;
7. Yang bersangkutan untuk dilaksanakan;
8. Arsip.

UNIVERSITAS MANDIRI BINA PRESTASI	UNIVERSITAS MANDIRI BINA PRESTASI PRODI : SISTEM INFORMASI	Document No. : Revision No. : 00 Date of Issue : Page : 1 of 1
	Title :	BERITA ACARA BIMBINGAN SKRIPSI

N a m a : **SISKA SARAGIH**
NPM : **25213012**
Periode (Tgl-Bln-Thn) : 2025/2026
P e m b i m b i n g : Jimmy Peranginangin, M.Kom
No. SK. Pembimbing : 628/WR.01/SK.S/IV/2026
Judul Skripsi : Perancangan Sistem Informasi Perjalanan Dinas Berbasis Web pada Kantor Komisi Pemilihan Umum Kabupaten Deli Serdang Menggunakan Metode Waterfall.

Pertemuan Ke-	Topik Diskusi	Tanggal	Tanda Tangan
1	Revisi Hasil Seminar		
2	Bab III Revisi		
3	Bab III ACC		
4	Bab IV Hasil perancangan ACC		
5	Bab IV. Desain Sistem Revisi		
6	Bab IV Pembahasan ACC		
7	Tes program Revisi		
8	Program ACC	07/8/26	
9	Lengkap Bab I - V	07/8/26	
10	ACC Sidang	07/8/26	
11			
12			

Medan, 2026
Pembimbing,

Jimmy Peranginangin, M.Kom
NIDN. 0105038502

KOMISI PEMILIHAN UMUM
KABUPATEN DELI SERDANG

Nomor : 284 /HM 03.4-SD/1207/4/2026
Sifat : Biasa
Lampiran : -
Perihal : Permohonan Riset Lapangan

Lubuk Pakam, 21 Mei 2026

Kepada
Yth. Rektor Universitas Mandiri Bina Prestasi
di
Tempat

Menindaklanjuti surat Wakil Rektor I Bidang Akademik Nomor 670/KP-SI/C.14/IV/2026 tanggal 27 April 2026 perihal Permohonan Riset Lapangan, bersama ini disampaikan bahwa KPU Kabupaten Deli Serdang menerima permohonan izin riset lapangan untuk mengumpulkan informasi dan data dalam menyelesaikan Skripsi/Tugas Akhir yaitu atas:

Nama	: Siska Saragih
NIM	: 25213012
Program Studi	: Sistem Informasi
Alamat	: Perumahan Pagar Merbau Indah Lubuk Pakam
Judul Tesis	: Perancangan Sistem Informasi Perjalanan Dinas Berbasis Web Pada Kantor Komisi Pemilihan Umum Kabupaten Deli Serdang Menggunakan Metode Waterfall.

Demikian disampaikan, untuk dapat dilaksanakan dengan sebagaimana mestinya.

KOMISI PEMILIHAN UMUM
KABUPATEN DELI SERDANG
KETUA,

RELIS YANTHY PANJAITAN