

Nama: Alena Alfiana

Organisasi: SMK Informatika Utama

Program

- **Setting env.**

DB_DATABASE=db_ppdb_siswa

DB_USERNAME=root

DB_PASSWORD=

- **Migration (migrasi database)**

<?php

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
```

```
class CreateTableSiswaBaru extends Migration
```

```
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('siswa_baru', function (Blueprint $table) {
            $table->bigIncrements('id_pendaftar');
            $table->string('nm_pendaftar', 30);
            $table->text('alamat');
            $table->enum('jenis_kelamin', ['laki-laki', 'perempuan']);
            $table->string('no_hp', 13);
            $table->string('asal_sekolah', 35);
            $table->enum('jurusan', ['RPL', 'TKJ', 'MM']);
            $table->date('tgl_lahir');
            $table->string('NISN');
            $table->timestamps();
        });
    }
}
```

Hasil Migrasi tabel (siswa_baru) beserta field-field nya:

| # | Nama | Jenis | Penyortiran | Atribut | Tak Ternilai | Bawaan | Komentar | Ekstra | Tindakan |
|--------------------------|------|----------------------|--------------------------------|--------------------|--------------|-----------|----------|----------------|----------------------|
| ☐ | 1 | id_pendaftar | bigint(20) | UNSIGNED | Tidak | Tidak ada | | AUTO_INCREMENT | Ubah Hapus Lainnya |
| ☐ | 2 | nm_pendaftar | varchar(30) | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 3 | alamat | text | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 4 | jenis_kelamin | enum('laki-laki', 'perempuan') | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 5 | no_hp | varchar(13) | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 6 | asal_sekolah | varchar(35) | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 7 | jurusan | enum('RPL', 'TKJ', 'MM') | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 8 | tgl_lahir | date | | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 9 | NISN | varchar(10) | utf8mb4_unicode_ci | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| ☐ | 10 | created_at | timestamp | | Ya | NULL | | | Ubah Hapus Lainnya |
| ☐ | 11 | updated_at | timestamp | | Ya | NULL | | | Ubah Hapus Lainnya |

- **Model (Pendaftar.php)**

```
<?php
```

```
namespace App;
```

```
use Illuminate\Database\Eloquent\Model;
```

```
class Pendaftar extends Model
{
    protected $primaryKey = 'id_pendaftar';
    protected $table = 'siswa_baru';
    protected $fillable = ['nm_pendaftar',
                           'alamat',
                           'jenis_kelamin',
                           'no_hp',
                           'asal_sekolah',
                           'jurusan',
                           'tgl_lahir',
                           'NISN'];
}
```

- **Controller (PendaftarController.php)**

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use Illuminate\Http\Request;
```

```
use App\Pendaftar;
```

```
class PendaftarController extends Controller
{
    /**
     * Display a listing of the resource.
     */
}
```

```

* @return \Illuminate\Http\Response
*/
public function index(Request $request)
{
    $daftars = Pendaftar::all();
    return view('ppdb_siswa.index', compact('daftars'));
}

/**
 * Show the form for creating a new resource.
 *
 * @return \Illuminate\Http\Response
 */
public function create()
{
    return view('ppdb_siswa.create');
}

/**
 * Store a newly created resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @return \Illuminate\Http\Response
 */
public function store(Request $request)
{
    $this->validate($request, [
        'nm_pendaftar' => 'required',
        'alamat' => 'required',
        'jenis_kelamin' => 'required',
        'no_hp' => 'required',
        'asal_sekolah' => 'required',
        'jurusan' => 'required',
        'tgl_lahir' => 'required',
        'NISN' => 'required',
    ]);

    Pendaftar::create($request->all());
    return redirect()->route('ppdb_siswa.index');
}

/**
 * Show the form for editing the specified resource.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function edit($id)

```

```

{
    $daftar = Pendaftar::findOrFail($id);
    return view('ppdb_siswa.edit', compact('daftar'));
}

/**
 * Update the specified resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function update(Request $request, $id)
{
    $this->validate($request, [
        'nm_pendaftar' => 'required',
        'alamat' => 'required',
        'jenis_kelamin' => 'required',
        'no_hp' => 'required',
        'asal_sekolah' => 'required',
        'jurusan' => 'required',
        'tgl_lahir' => 'required',
        'NISN' => 'required',
    ]);

    $daftar = Pendaftar::findOrFail($id);
    $daftar->update($request->all());

    return redirect()->route('ppdb_siswa.index');
}

/**
 * Remove the specified resource from storage.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function destroy($id)
{
    $daftar = Pendaftar::findOrFail($id);
    $daftar->delete();

    return redirect()->route('ppdb_siswa.index');
}
}

```

- **Views (ppdb_siswa)**
 - **Index**

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>PPDB 2024</title>
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.c
ss">
  <style>
    body {
      font-family: 'sans-serif';
      background-color: #f8f9fa;
    }

    h1 {
      font-style: 'Arial';
      color: #007bff;
      margin-top: 20px;
      margin-bottom: 40px;
    }
  </style>
</head>
<body>

<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-10">
      <h1 class="text-center">Selamat Datang!</h1>
      <h3 class="text-center">Silakan registrasi untuk mensubmit data
Anda untuk PPDB</h3>
      <br>
      <div class="text-center mb-3">
        <a class="btn btn-primary" href="{
route('ppdb_siswa.create')}">REGISTRASI</a>
      </div>
      <table class="table">
        <thead class="thead-dark">
          <tr>
            <th scope="col">No.</th>
            <th scope="col">Nama Pendaftar</th>
            <th scope="col">Alamat</th>
            <th scope="col">Jenis Kelamin</th>
            <th scope="col">No. Telepon</th>
            <th scope="col">Asal Sekolah</th>
            <th scope="col">Jurusan</th>
            <th scope="col">Tgl Lahir</th>

```

```

        <th scope="col">NISN</th>
        <th scope="col">Aksi</th>
    </tr>
</thead>
<tbody>
    @foreach ($daftars as $daftar)
        <tr>
            <th scope="row">{{ $loop->iteration }}</th>
            <td>{{ $daftar->nm_pendaftar }}</td>
            <td>{{ $daftar->alamat }}</td>
            <td>{{ $daftar->jenis_kelamin }}</td>
            <td>{{ $daftar->no_hp }}</td>
            <td>{{ $daftar->asal_sekolah }}</td>
            <td>{{ $daftar->jurusan }}</td>
            <td>{{ $daftar->tgl_lahir }}</td>
            <td>{{ $daftar->NISN }}</td>
            <td>
                <div class="btn-group" role="group">
                    <a class="btn btn-warning mr-1" href="{{
route('ppdb_siswa.edit', $daftar->id_pendaftar) }}">Ubah</a>
                    <form style="display:inline-block" action="{{
route('ppdb_siswa.destroy', $daftar->id_pendaftar) }}" method="POST">
                        <input type="hidden" name="_method"
value="delete" />
                        {{ csrf_field() }}
                        <button type="submit" class="btn
btn-danger">Hapus</button>
                    </form>
                </div>
            </td>
        </tr>
    @endforeach
</tbody>
</table>
</div>
</div>
</div>
</div>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.j
s"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js">
</script>

</body>
</html>

```

- **Create**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registrasi PPDB 2024</title>
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.c
ss">
  <style>
    body {
      font-family: 'sans-serif';
      background-color: #f8f9fa;
    }

    h1 {
      font-style: 'Arial';
      color: #007bff;
      margin-top: 20px;
      margin-bottom: 40px;
    }
  </style>
</head>
<body>

<h1 class="text-center">Registrasi PPDB 2024</h1>

<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-6">
      <form action="{{ route('ppdb_siswa.store') }}" method="POST"
enctype="multipart/form-data">
        {{ csrf_field() }}

        <div class="form-group">
          <label for="nm_pendaftar">Nama Pendaftar</label>
          <input type="text" class="form-control" name="nm_pendaftar"
id="nm_pendaftar" value="{{ old('nm_pendaftar') }}" required/>
        </div>

        <div class="form-group">
          <label for="alamat">Alamat</label>
          <input type="text" class="form-control" name="alamat"
id="alamat" value="{{ old('alamat') }}" required/>
        </div>
      </form>
    </div>
  </div>
</div>
```

```

<div class="form-group">
  <label for="jenis_kelamin">Jenis Kelamin</label>
  <select class="form-control" name="jenis_kelamin"
id="jenis_kelamin" required>
    <option></option>
    <option value="perempuan">Perempuan</option>
    <option value="laki-laki">Laki-Laki</option>
  </select>
</div>

<div class="form-group">
  <label for="no_hp">No. Handphone</label>
  <input type="text" class="form-control" name="no_hp"
id="no_hp" value="{{ old('no_hp') }}" required/>
</div>

<div class="form-group">
  <label for="asal_sekolah">Asal Sekolah</label>
  <input type="text" class="form-control" name="asal_sekolah"
id="asal_sekolah" value="{{ old('asal_sekolah') }}" required/>
</div>

<div class="form-group">
  <label for="jurusan">Jurusan</label>
  <select class="form-control" name="jurusan" id="jurusan"
required>
    <option></option>
    <option value="RPL">RPL</option>
    <option value="TKJ">TKJ</option>
    <option value="MM">MM</option>
  </select>
</div>

<div class="form-group">
  <label for="tgl_lahir">Tgl Lahir</label>
  <input type="date" class="form-control" name="tgl_lahir"
id="tgl_lahir" value="{{ old('tgl_lahir') }}" required/>
</div>

<div class="form-group">
  <label for="NISN">NISN</label>
  <input type="text" class="form-control" name="NISN" id="NISN"
value="{{ old('NISN') }}" required/>
</div>

  <button type="submit" class="btn btn-primary">Create</button>
</form>

```

```

        </div>
    </div>
</div>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js">
</script>

</body>
</html>

```

- **Edit**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Edit Data Anda</title>
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        body {
            font-family: 'sans-serif';
            background-color: #f8f9fa;
        }

        h1 {
            font-style: 'Arial';
            color: #007bff;
            margin-top: 20px;
            margin-bottom: 40px;
        }
    </style>
</head>
<body>

<h1 class="text-center"><b>Ubah data anda</b></h1>

<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-6">

```

```

        <form action="{{ route('ppdb_siswa.update', $daftar->id_pendaftar) }}"
method="POST">
    {{ csrf_field() }}
    <input type="hidden" name="_method" value="put" />

    <div class="form-group">
        <label for="nm_pendaftar">Nama Pendaftar</label>
        <input type="text" class="form-control" name="nm_pendaftar"
id="nm_pendaftar" value="{{ $daftar->nm_pendaftar }}" />
    </div>

    <div class="form-group">
        <label for="alamat">Alamat</label>
        <input type="text" class="form-control" name="alamat"
id="alamat" value="{{ $daftar->alamat }}" />
    </div>

    <div class="form-group">
        <label for="jenis_kelamin">Jenis Kelamin</label>
        <select class="form-control" name="jenis_kelamin"
id="jenis_kelamin">
            <option>{{ $daftar->jenis_kelamin }}</option>
            <option value="perempuan">Perempuan</option>
            <option value="laki-laki">Laki-Laki</option>
        </select>
    </div>

    <div class="form-group">
        <label for="no_hp">No. Handphone</label>
        <input type="text" class="form-control" name="no_hp"
id="no_hp" value="{{ $daftar->no_hp }}" />
    </div>

    <div class="form-group">
        <label for="asal_sekolah">Asal Sekolah</label>
        <input type="text" class="form-control" name="asal_sekolah"
id="asal_sekolah" value="{{ $daftar->asal_sekolah }}" />
    </div>

    <div class="form-group">
        <label for="jurusan">Jurusan</label>
        <select class="form-control" name="jurusan" id="jurusan">
            <option>{{ $daftar->jurusan }}</option>
            <option value="RPL">RPL</option>
            <option value="TKJ">TKJ</option>
            <option value="MM">MM</option>
        </select>
    </div>

```

```

        <div class="form-group">
            <label for="tgl_lahir">Tgl Lahir</label>
            <input type="date" class="form-control" name="tgl_lahir"
id="tgl_lahir" value="{{ $daftar->tgl_lahir }}" />
        </div>

        <div class="form-group">
            <label for="NISN">NISN</label>
            <input type="text" class="form-control" name="NISN" id="NISN"
value="{{ $daftar->NISN }}" />
        </div>

        <button type="submit" class="btn btn-primary">Update</button>
    </form>
</div>
</div>
</div>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.j
s"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js">
</script>

</body>
</html>

```

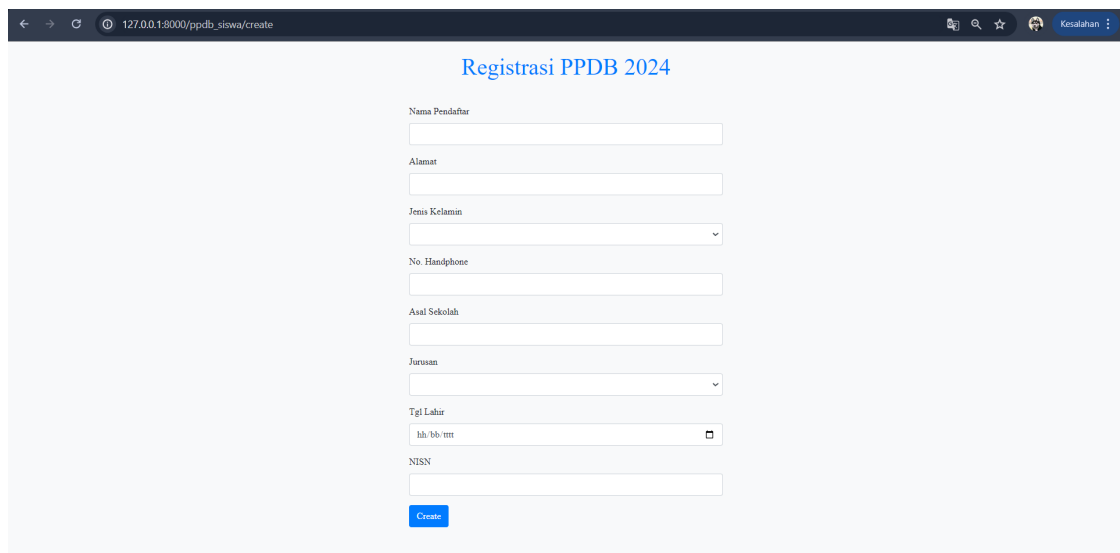
- **Routes**

```
Route::resource('ppdb_siswa', 'PendaftarController');
```

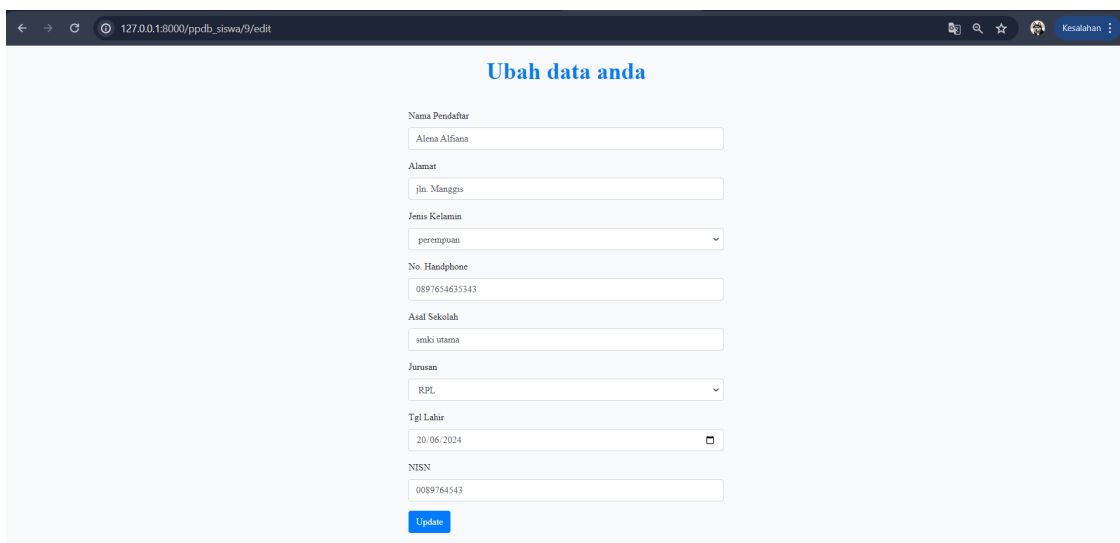
Hasil Tampilan Program



Gambar 1. Tampilan Homepage



Gambar 2. Tampilan Registrasi (*create data*)



Gambar 3. Tampilan Ubah Data (*edit data*)