

**TUGAS PRAKTIKUM**  
**PRAKTIKUM PAW**  
**MODUL 7 “CRUD Laravel”**



**Disusun Oleh :**

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Kelas : PAW B

**Dosen Pengampu :**

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**PRODI TEKNIK INFORMATIKA**  
**JURUSAN TEKNIK INFORMATIKA**  
**FAKULTAS TEKNIK**  
**UNIVERSITAS TRUNOJOYO MADURA**

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## Tugas Praktikum

### Soal

Buatlah projek laravel dimana fungsi dari web App tersebut antara lain

- Menambah Mahasiswa
- Melihat semua mahasiswa
- Melihat mahasiswa berdasarkan NIM
- Mengupdate data mahasiswa
- Menambah nilai mahasiswa (1 page berbeda dari update mahasiswa, karena khusus update untuk kolom nilai saja)
- Menghapus data mahasiswa

### Attribute

nim, nama, umur, alamat, nilai

- Gunakan blade templating engine
- Framework CSS seperti Bootstrap/TailwindCSS/ etc diperbolehkan

Jawab :

#### a. Insert data mahasiswa

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>{{$title}}</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.c
ss"
rel="stylesheet"
integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOMLASjC"
crossorigin="anonymous">
</head>
<body style="padding-top: 20px; background-color: cadetblue;">
    <div class="container">
        <h3>{{$judul}}</h3>
        <form method="POST" action="proses">
            <table>
                @csrf
                <tr>
                    <td><label for="nim">NIM</label></td>
                    <td> : </td>
                    <td><input type="text" name="nim"
placeholder="input nim" id="nim" required></td>
                </tr>
                <tr>
                    <td><label for="nama">Nama</label></td>
                    <td> : </td>
                    <td><input type="text" name="nama"
placeholder="input nama" id="nama" required></td>
                </tr>
            </table>
        </form>
    </div>
</body>
</html>
```

```

        <tr>
            <td><label for="umur">Umur</label></td>
            <td> : </td>
            <td><input type="text" name="umur"
placeholder="input umur" id="umur" required></td>
        </tr>
        <tr>
            <td><label for="alamat">Alamat</label></td>
            <td> : </td>
            <td><input type="text" name="alamat"
placeholder="input alamat" id="alamat" required></td>
        </tr>
        <tr>
            <td><label for="nilai">Nilai</label></td>
            <td> : </td>
            <td><input type="text" name="nilai"
placeholder="input nilai" id="nilai" required><br><br></td>
        </tr>
        <tr>
            <td><input type="submit" name="submit"
value="submit" class="btn btn-success"></td>
        </tr>
    </table>
</form>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
Mrcw6ZMFY1zcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
</body>
</html>

```

b. Menampilkan data semua mahasiswa

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>{{ $title }}</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpUuCOMLASjC"
crossorigin="anonymous">
</head>
<body style="padding-top: 20px; background-color: cadetblue;" >
    <div class="container">
        <center><h2>{{ $judul }}</h2></center>
        <table class="table table-info table-striped">
            <tr style=" text-align: center;">
                <!-- <td>id</td> -->
                <th scope="col">NIM</th>
                <th scope="col">Nama</th>
                <th scope="col">Umur</th>
            </tr>

```

```

                <th scope="col">Alamat</th>
                <th scope="col">Nilai</th>
                <th scope="col" colspan="3">Aksi</th>
            </tr>
            @foreach($post as $p)
            <tr>
                <!-- <td>{{ $p -> id }}</td> -->
                <td>{{ $p -> nim }}</td>
                <td>{{ $p -> nama }}</td>
                <td>{{ $p -> umur }}</td>
                <td>{{ $p -> alamat }}</td>
                <td>{{ $p -> nilai }}</td>
                <td><a href="{{ $p->id }}/edit" class=" btn btn-
secondary">Edit</a></td>
                <td><a href="{{ $p->id }}/editnilai" class=" btn
btn-warning">Edit Nilai</a></td>
                <td><a href="{{ $p->id }}" class="btn btn-
danger">Delete</a>

                <!-- <form action="{{ $p->id }}" method="POST">
                    @csrf
                    @method('delete')
                    <input type="submit" name="submit"
value="delete">
                </form> --></td>
            </tr>
            @endforeach
        </table>

        <a href="create" class="btn btn-info">Add data</a>
    </div>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
</body>
</html>

```

### c. Mengupdate data mahasiswa

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>{{ $title }}</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.c
ss" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpooCOMLASjC"
crossorigin="anonymous">
</head>
<body style="padding-top: 20px; background-color: cadetblue;">
    <div class="container">
        <h3>{{ $judul }}</h3>

```

```

        <form method="POST" action="\{{$mhs -> id}}">
            <table>
                @method('put')
                @csrf
                <tr>
                    <td><label for="nim">nim</label></td>
                    <td> : </td>
                    <td><input type="text" name="nim"
placeholder="input nim" id="nim" value="{{$mhs->nim}}"></td>
                </tr>
                <tr>
                    <td><label for="nama">nama</label></td>
                    <td> : </td>
                    <td><input type="text" name="nama"
placeholder="input nama" id="nama" value="{{$mhs->nama}}"></td>
                </tr>
                <tr>
                    <td><label for="umur">umur</label></td>
                    <td> : </td>
                    <td><input type="text" name="umur"
placeholder="input umur" id="umur" value="{{$mhs->umur}}"></td>
                </tr>
                <tr>
                    <td><label for="alamat">alamat</label></td>
                    <td> : </td>
                    <td><input type="text" name="alamat"
placeholder="input alamat" id="alamat" value="{{$mhs->alamat}}"></td>
                </tr>
                <tr>
                    <td><label for="nilai">nilai</label></td>
                    <td> : </td>
                    <td><input type="text" name="nilai"
placeholder="input nilai" id="nilai" value="{{$mhs->nilai}}">
readonly="readonly"></td>
                </tr>
                <tr>
                    <td>
                        <input type="submit" name="submit"
value="submit" class="btn btn-success">
                    </td>
                </tr>
                <!-- <label for="nilai">nilai</label>
                <input type="text" name="nilai"
placeholder="input nilai" id="nilai" value="{{$mhs->nilai}}"><br><br>
                -->
            </table>
        </form>
    </div>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.
min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
</body>
</html>

```

d. Menambah nilai mahasiswa (beda page update data mahasiswa)

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>{{ $title }}</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.c
ss"
        rel="stylesheet"
        integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWFspD3yD65VohhpUuCOMLASjC"
crossorigin="anonymous">
</head>
<body style="padding-top: 20px; background-color: cadetblue;">
    <div class="container">
        <h3>{{ $judul }}</h3>
        <form method="POST" action="\{{ $mhs -> id }}">
            <table>
                @method('put')
                @csrf
                <tr>
                    <td><label for="nim">NIM</label></td>
                    <td> : </td>
                    <td><input
placeholder="input        nim"
readonly="readonly"> id="nim" value="{{ $mhs->nim }}"
                    </td>
                </tr>
                <tr>
                    <td><label for="nama">Nama</label></td>
                    <td> : </td>
                    <td><input
placeholder="input        nama"
readonly="readonly"> id="nama" value="{{ $mhs->nama }}"
                    </td>
                </tr>
                <tr>
                    <td><label for="umur">Umur</label></td>
                    <td> : </td>
                    <td><input
placeholder="input        umur"
readonly="readonly"> id="umur" value="{{ $mhs->umur }}"
                    </td>
                </tr>
                <tr>
                    <td><label for="alamat">Alamat</label></td>
                    <td> : </td>
                    <td><input
placeholder="input        alamat"
readonly="readonly"> id="alamat" value="{{ $mhs->alamat }}"
                    </td>
                </tr>
                <tr>
                    <td><label for="nilai">Nilai</label></td>
                    <td> : </td>
                    <td><input
placeholder="input nilai" id="nilai" value="{{ $mhs->nilai }}"
                    </td>
                </tr>
            </table>
        </form>
    </div>
</body>
</html>

```

```
 <td><input type="submit" name="submit" value="submit" class="btn btn-success"></td> </tr>  </table> </form> </div> <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle. min.js" integrity="sha384- Mrcw6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script> </body> </html> |
```

e. Controllers

```

<?php

namespace App\Http\Controllers;
use App\Models\mahasiswa;
use Illuminate\Http\Request;
// use Illuminate\Support\Facades\Request as FacadesRequest;

class mahasiswacontroller extends Controller
{
    public function tampil()
    {
        $mhs=mahasiswa::all();
        return view('tampil', ['title'=>'Tampil', 'judul'=>'Table Mahasiswa']
,compact('mhs'));
        // dd($post);
    }

    public function create()
    {
        return view('create', ['title'=>'Create', 'judul'=>'Create Data
Mahasiswa']);
    }

    public function proses(Request $request)
    {
        mahasiswa::create($request->except(['_token','submit']));
        return redirect('insert');
    }

    public function edit($id)
    {
        $mhs = mahasiswa::find($id);
        return view('edit',['title'=>'Edit Mahasiswa', 'judul'=>'Edit Data
Mahasiswa'], compact('mhs'));
    }

    public function update($id, Request $request)

```

```

{
    $mhs = mahasiswa::find($id);
    $mhs -> update($request->except(['_token','submit']));
    return redirect('insert');
}

public function editnilai($id)
{
    $mhs = mahasiswa::find($id);
    return view('editnilai', ['title'=>'Edit Nilai', 'judul'=>'Edit Nilai
Mahasiswa'], compact('mhs'));
}

public function updatenilai($id, Request $request)
{
    $mhs = mahasiswa::find($id);
    $mhs -> update($request->except(['_token','submit']));
    return redirect('insert');
}

public function delete($id)
{
    $mhs = mahasiswa::find($id);
    $mhs->delete();
    return redirect('insert');
}

// public function destroy($id)
// {
//     $mhs = mahasiswa::find($id);
//     $mhs->delete();
//     return redirect('insert');
// }

public function show(Request $request, $nim)
{
    // dd($nim);
    $mhs=mahasiswa::where('nim','=$nim')->get();
    return view('tampil', ['title'=>'Tampil', 'judul'=>'Table
Mahasiswa'], compact('mhs'));
    // return view('tampil', ['title'=>'Tampil', 'judul'=>'Table
Mahasiswa'], compact('post'));
}
}

```

f. Web

```

<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\DosenController;
use App\Http\Controllers\belajarweb;
use App\Http\Controllers\mahasiswacontroller;

/*

```



```

|-----|
| Web Routes |
|-----|
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
| */
|
Route::get('/', function () {
    return view('welcome');
});

Route::get('halo', function () {
    return 'hai Nandaaa';
});

Route::get('datang', function () {
    return view('datang');
});

Route::get('insert', [mahasiswacontroller::class, 'tampil']);
Route::get('create', [mahasiswacontroller::class, 'create']);
Route::post('proses', [mahasiswacontroller::class, 'proses']);
Route::get('{id}/edit', [mahasiswacontroller::class, 'edit']);
Route::put('{id}', [mahasiswacontroller::class, 'update']);
Route::get('{id}/editnilai', [mahasiswacontroller::class, 'editnilai']);
Route::put('{id}', [mahasiswacontroller::class, 'updatenilai']);
Route::get('{id}', [mahasiswacontroller::class, 'delete']);
Route::get('insert/{nim}', [mahasiswacontroller::class, 'show']);

// Route::delete('{id}', [mahasiswacontroller::class, 'destroy']);

```

g. Model

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class mahasiswa extends Model
{
    use HasFactory;

    protected $fillable = [ 'nim','nama','umur','alamat','nilai'];
}

```

h. Migration

```

<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;

```

```

use Illuminate\Support\Facades\Schema;

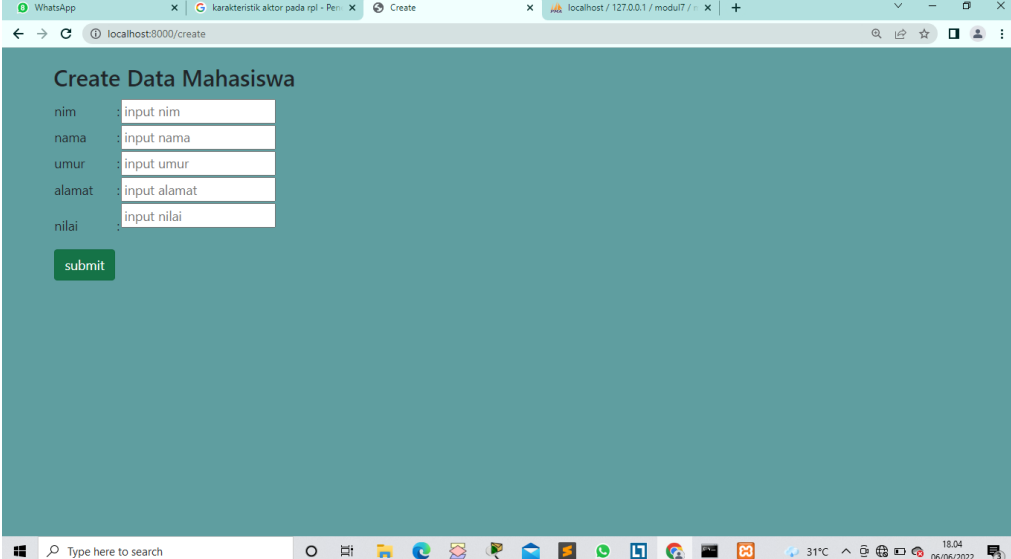
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('mahasiswas', function (Blueprint $table) {
            $table->id();
            $table->string('nim');
            $table->string('nama');
            $table->string('umur');
            $table->string('alamat');
            $table->string('nilai');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('mahasiswas');
    }
};

```

Screenshots hasil :

a. Insert data mahasiswa



The screenshot shows a web browser window with the URL `localhost:8000/create`. The page has a teal background and is titled "Create Data Mahasiswa". It contains a form with five input fields, each with a label and a value: "nim" with "input nim", "nama" with "input nama", "umur" with "input umur", "alamat" with "input alamat", and "nilai" with "input nilai". Below the inputs is a green "submit" button. The browser's taskbar at the bottom shows the date and time as 18:04 on 06/06/2022.

b. Edit data mahasiswa

**Edit Nilai Mahasiswa**

NIM : 190411100069

Nama : Fatimah Azzahra

Umur : 21

Alamat : Nganjuk

Nilai : 75

[submit](#)

c. Edit nilai mahasiswa

**Edit Nilai Mahasiswa**

NIM : 190411100069

Nama : Fatimah Azzahra

Umur : 21

Alamat : Nganjuk

Nilai : 75

[submit](#)

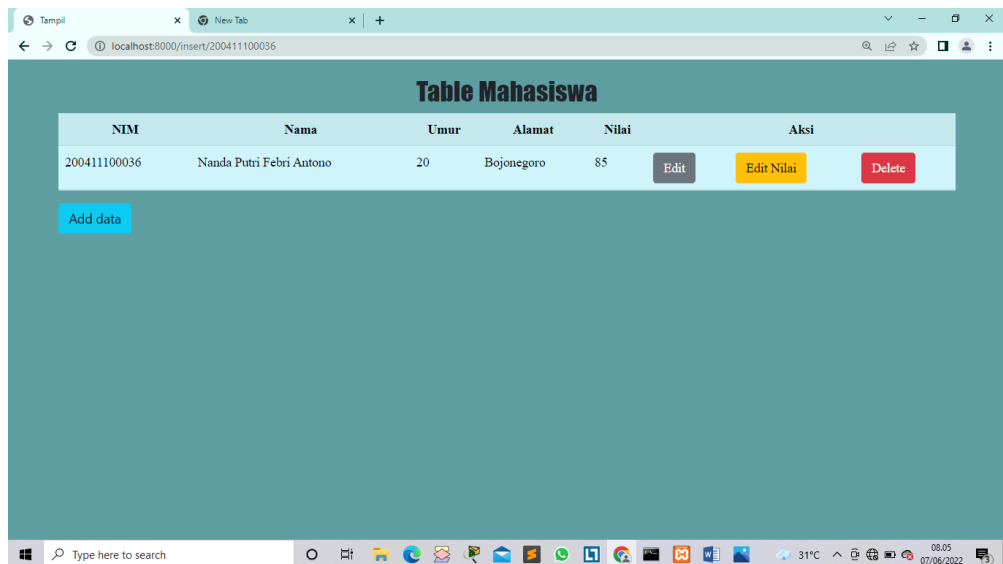
d. Data mahasiswa

**Table Mahasiswa**

NIM	Nama	Umur	Alamat	Nilai	Aksi		
200411100036	Nanda Putri Febri Antono	22	Bojonegoro	85	<a href="#">Edit</a>	<a href="#">Edit Nilai</a>	<a href="#">Delete</a>
190411100069	Fatimah Azzahra	21	Nganjuk	75	<a href="#">Edit</a>	<a href="#">Edit Nilai</a>	<a href="#">Delete</a>
200411100107	Nella Adrisia Hartono	20	Sumenep	85	<a href="#">Edit</a>	<a href="#">Edit Nilai</a>	<a href="#">Delete</a>

[Add data](#)

e. Data mahasiswa berdasarkan NIM



f. Hapus

