Jurusan Teknologi Informasi Politeknik Negeri Malang

Jobsheet-13: Membuat Form Validasi Menggunakan Laravel

Mata Kuliah Pemrograman Web Lanjut

Pengampu: Tim Ajar Pemrograman Web Lanjut

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Praktikum: Membuat Form Validasi di Laravel

Langkah	Keterangan
1	Buka project Laravel “laravel-crud”
2	Buka file laravel-crud/routes/web.php. buatlah 2 route, yaitu route get. dengan url ‘mahasiswa/tambah’ yang akan mengakses method tambah pada controller MahasiswaController. dan route yang 1 nya lagi kita buat route post. dengan url ‘simpan’ yang akan memproses method atau function simpan pada controller MahasiswaController.
3	Buat 2 buah method pada laravel-crud/app/Http/controller/MahasiswaController.php.

web.php

routes > web.php

```php
/*
|--------------------------------------------------------------------------
| Web Routes
|--------------------------------------------------------------------------
|
| Here is where you can register web routes for your application. The
| 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('/mahasiswa', 'MahasiswaController@index');

Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');

Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');

Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
```

MahasiswaController.php

app > Http > Controllers > MahasiswaController.php

```php
        return view('index', ['mahasiswa' => $mahasiswa]);
    }

    public function tambah()
    {
        return view('tambah');
    }

    public function simpan(Request $request)
    {
        $this->validate($request,[
            'nama' => 'required',
            'nim' => 'required|numeric',
            'email' => 'required|email',
            'jurusan' => 'required'
        ]);
        DB::table('mahasiswa')->insert([
            'nama' => $request->nama,
            'nim' => $request->nim,
            'email' => $request->email,
            'jurusan' => $request->jurusan,
        ]);
        return view('simpan',['data' => $request]);

    }

```

4	Buat view tambah di laravel-crud/resources/views/tambah.blade.php

MahasiswaController.php | tambah.blade.php

resources > views > tambah.blade.php

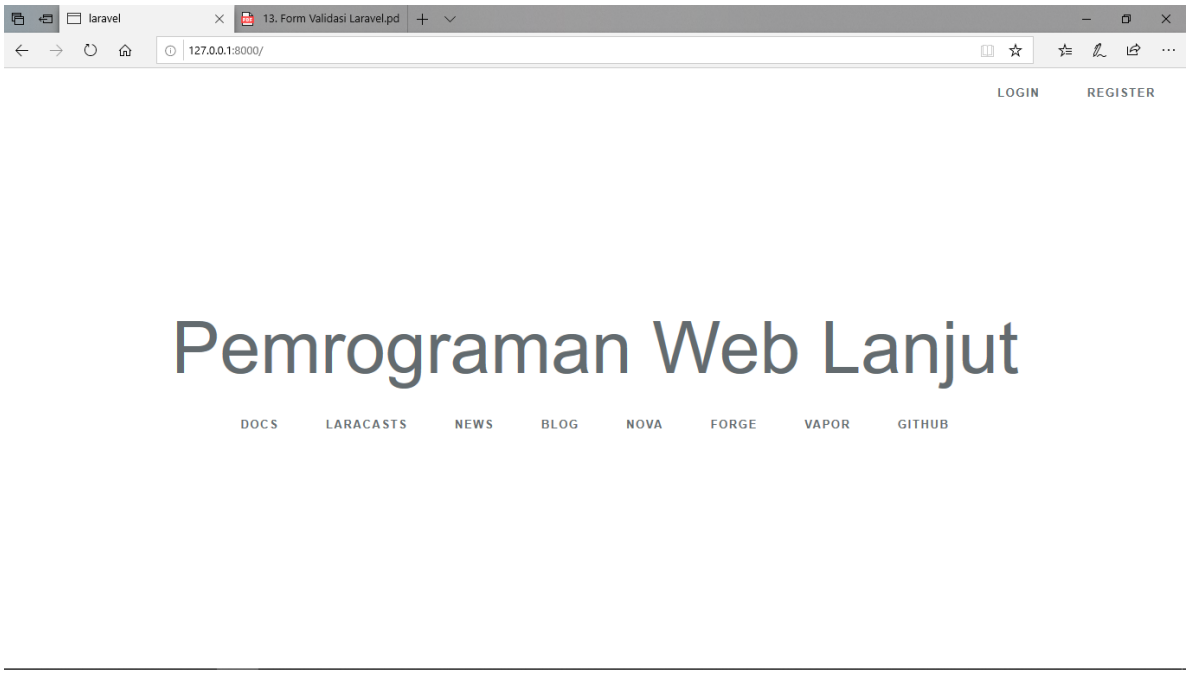
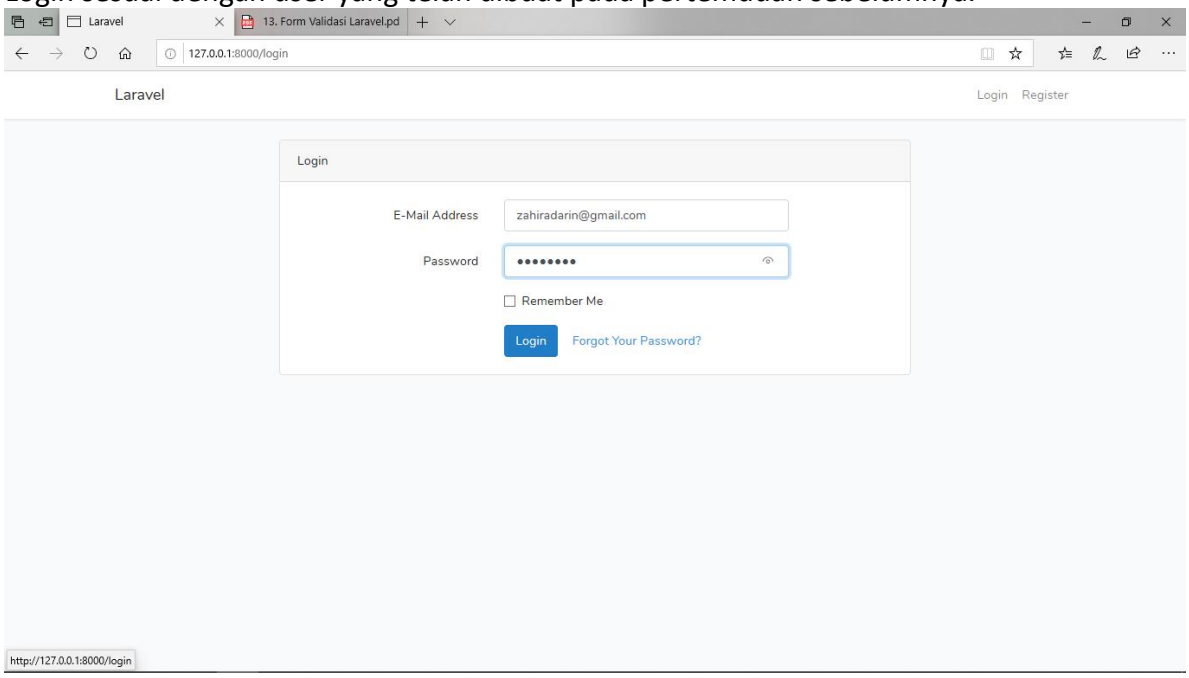
```
@extends('master')

@section('title', 'Tambah Data')

@section('judul_halaman', 'Tambah Data Mahasiswa')

@section('konten')
    <a href="/mahasiswa" class="btn btn-danger">Kembali</a>
    <br/>
    <br/>
    @if (count($errors) > 0)
    <div class="alert alert-danger">
    <ul>
        @foreach ($errors->all() as $error)
        <li>{{ $error }}</li>
        @endforeach
    </ul>
    </div>
    @endif
    <form action="/mahasiswa/simpan" method="post">
        {{ csrf_field() }}
        <div class="form-group">
            <label for="nama">Nama</label>
            <input type="text" class="form-control" name="nama" value="{{ old('nama') }}"><br/>
        </div>
        <div class="form-group">
            <label for="nim">NIM</label>
            <input type="text" class="form-control" name="nim" value="{{ old('nim') }}"><br/>
        </div>
        <div class="form-group">
            <label for="email">E-mail</label>
            <input type="text" class="form-control" name="email" value="{{ old('email') }}"><br/>
        </div>
        <div class="form-group">
            <label for="jurusan">Jurusan</label>
            <input type="text" class="form-control" name="jurusan" value="{{ old('jurusan') }}"><br/>
        </div>
        <div class="form-group">
            <input class="btn btn-primary" type="submut" value="Tambah">
        </div>
    </form>
@endsection
```

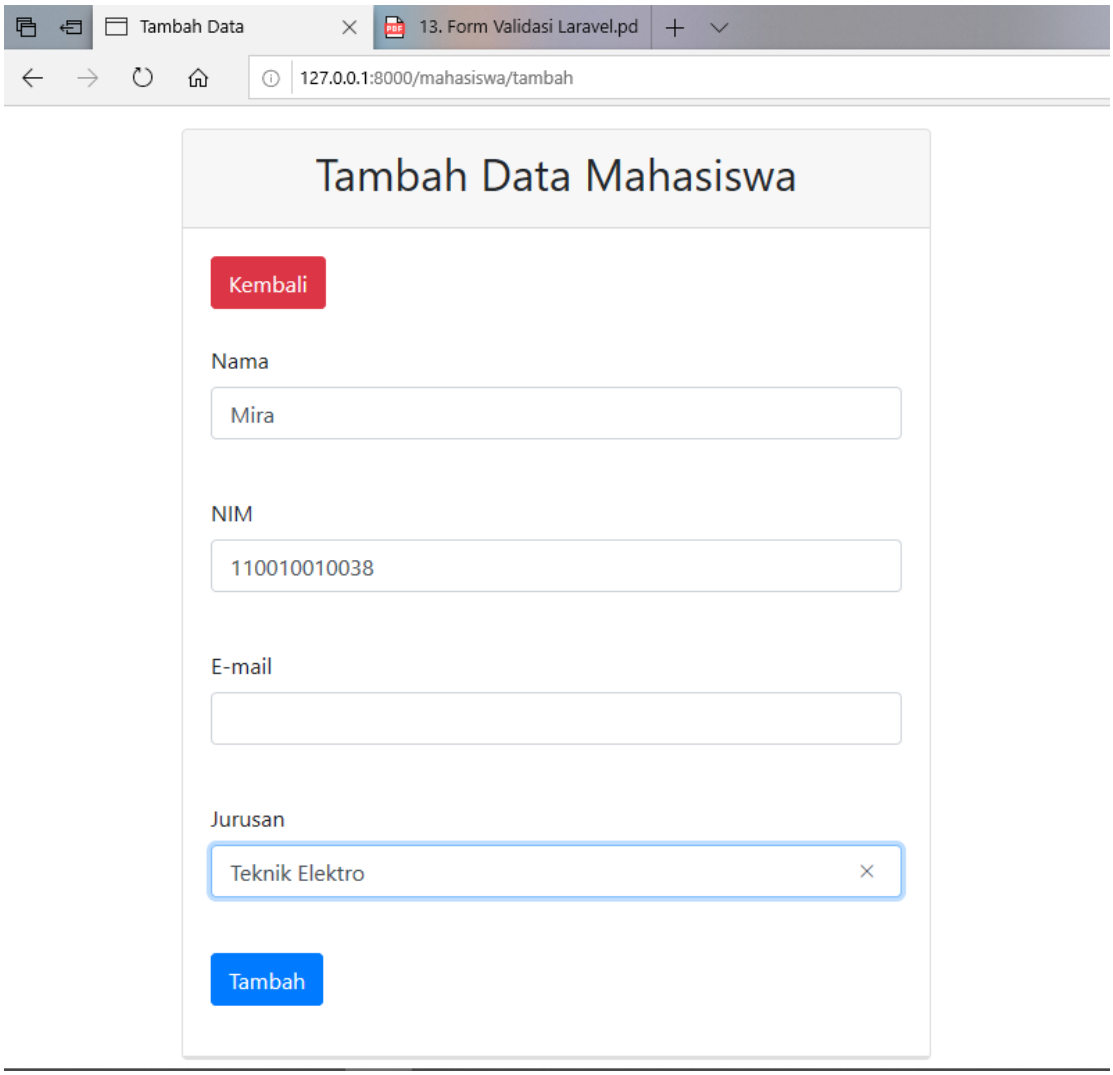
5	Selanjutnya buat view simpan di laravel-crud/resources/views/simpan.blade.php

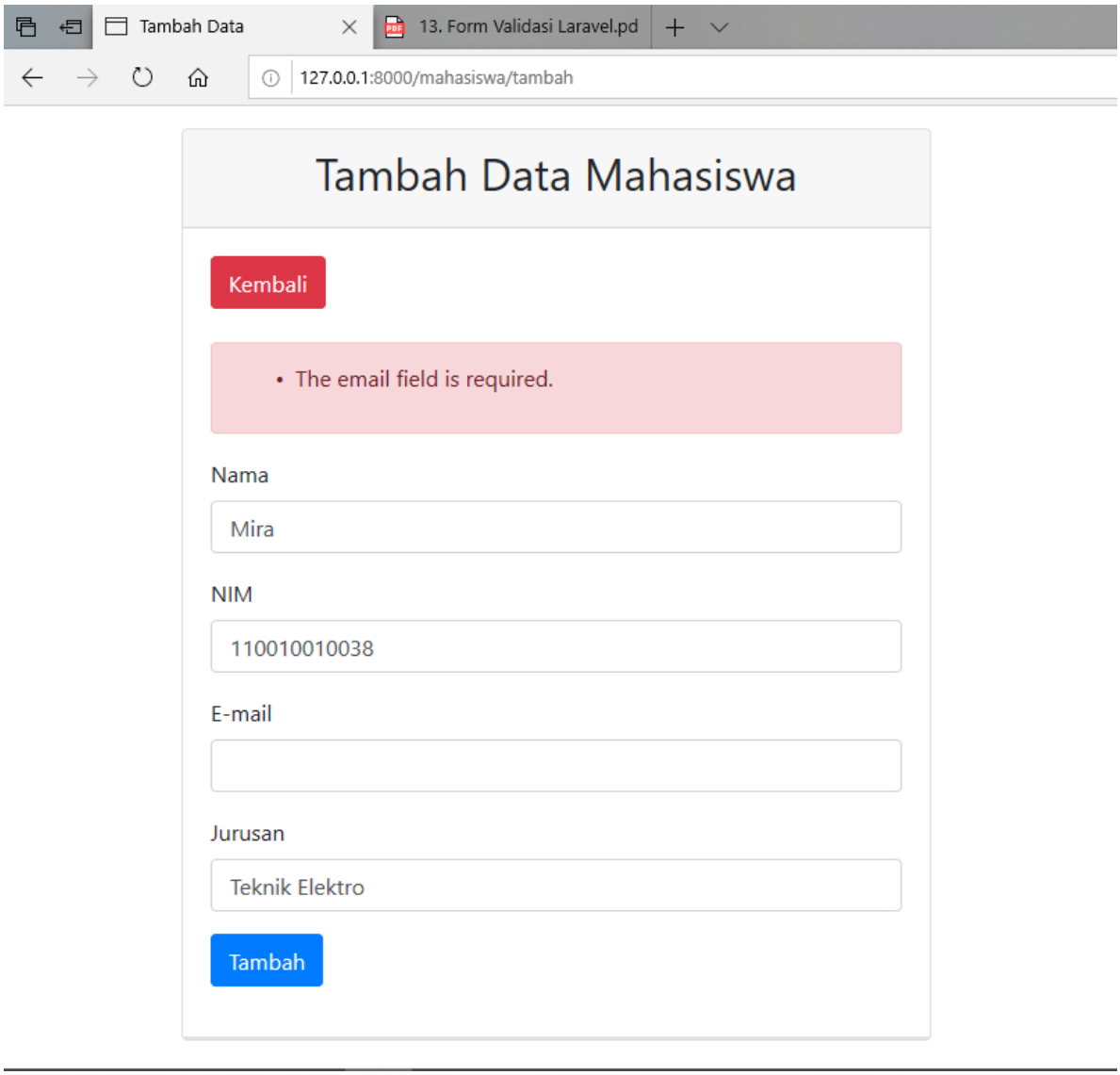
	MahasiswaController.php | tambah.blade.php | simpan.blade.php
	resources > views > simpan.blade.php
	`@extends('master')`
	
	`@section('title', 'Validasi Data')`
	
	`@section('judul_halaman', 'Validasi Data Mahasiswa')`
	
	`@section('konten')`
	`<h3 class="my-4">Data Yang Di Input : </h3>`
	
	`<table class="table table-bordered table-striped">`
	`<tr>`
	`<td style="width:150px">Nama</td>`
	`<td>{{ $data->nama }}</td>`
	`</tr>`
	`<tr>`
	`<td>NIM</td>`
	`<td>{{ $data->nim }}</td>`
	`</tr>`
	`<tr>`
	`<td>E-mail</td>`
	`<td>{{ $data->email }}</td>`
	`</tr>`
	`<tr>`
	`<td>Jurusan</td>`
	`<td>{{ $data->jurusan }}</td>`
	`</tr>`
	`</table>`
	
	`<a href="/mahasiswa" class="btn btn-primary">Kembali</a>`
	`@endsection`

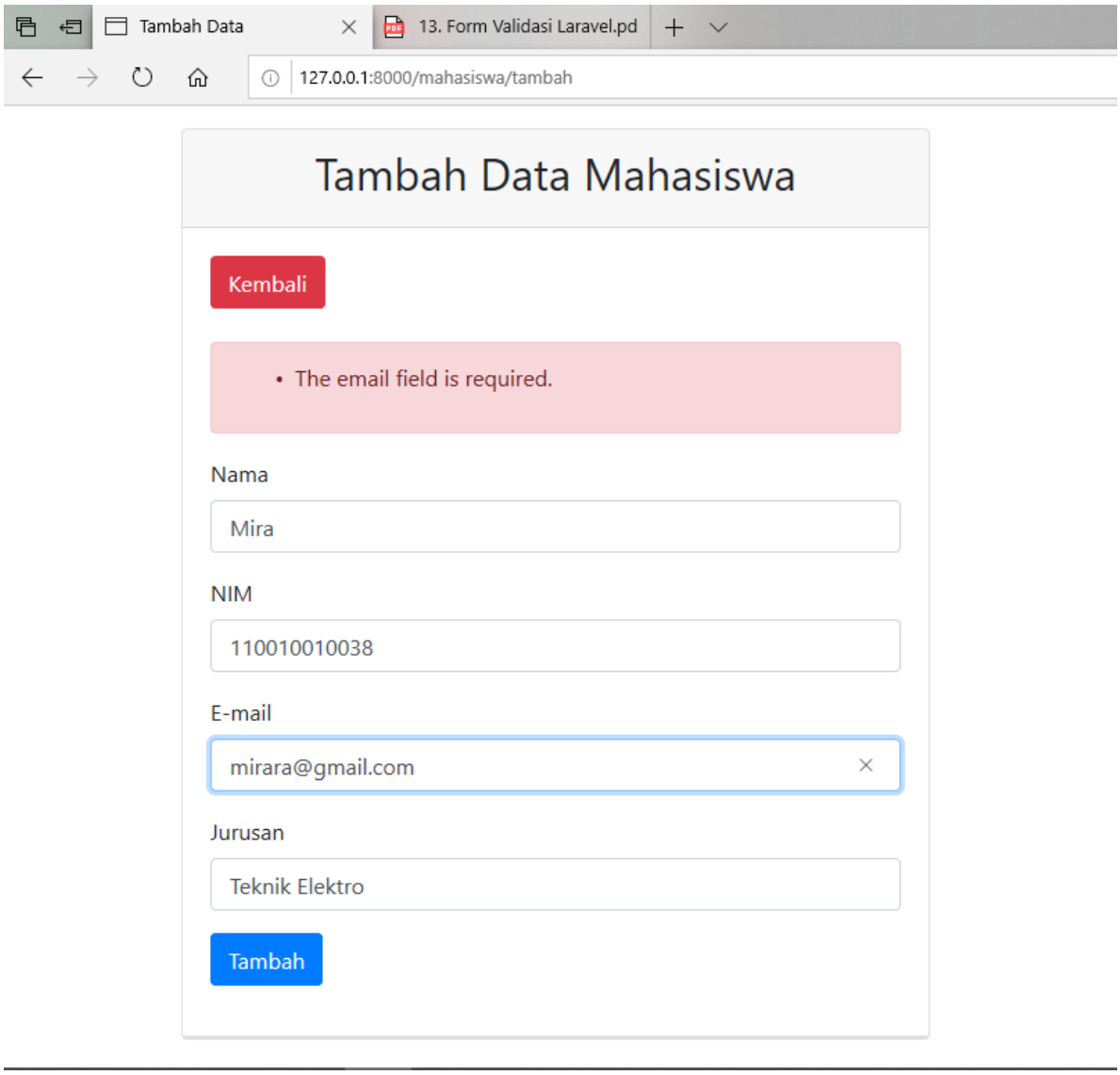
6	Jalankan Project Laravel Kita
	`C:\Users\asus>cd C:\xampp\htdocs\laravel-crud`
	
	`C:\xampp\htdocs\laravel-crud>php artisan serve`
	`Laravel development server started: http://127.0.0.1:8000`
	`[Tue Apr 28 06:22:42 2020] 127.0.0.1:55858 Invalid request (Unsupported SSL request)`
	`[Tue Apr 28 06:22:42 2020] 127.0.0.1:55857 Invalid request (Unsupported SSL request)`
	`[Tue Apr 28 06:22:42 2020] 127.0.0.1:55859 Invalid request (Unsupported SSL request)`
	`[Tue Apr 28 06:22:42 2020] 127.0.0.1:55860 Invalid request (Unsupported SSL request)`

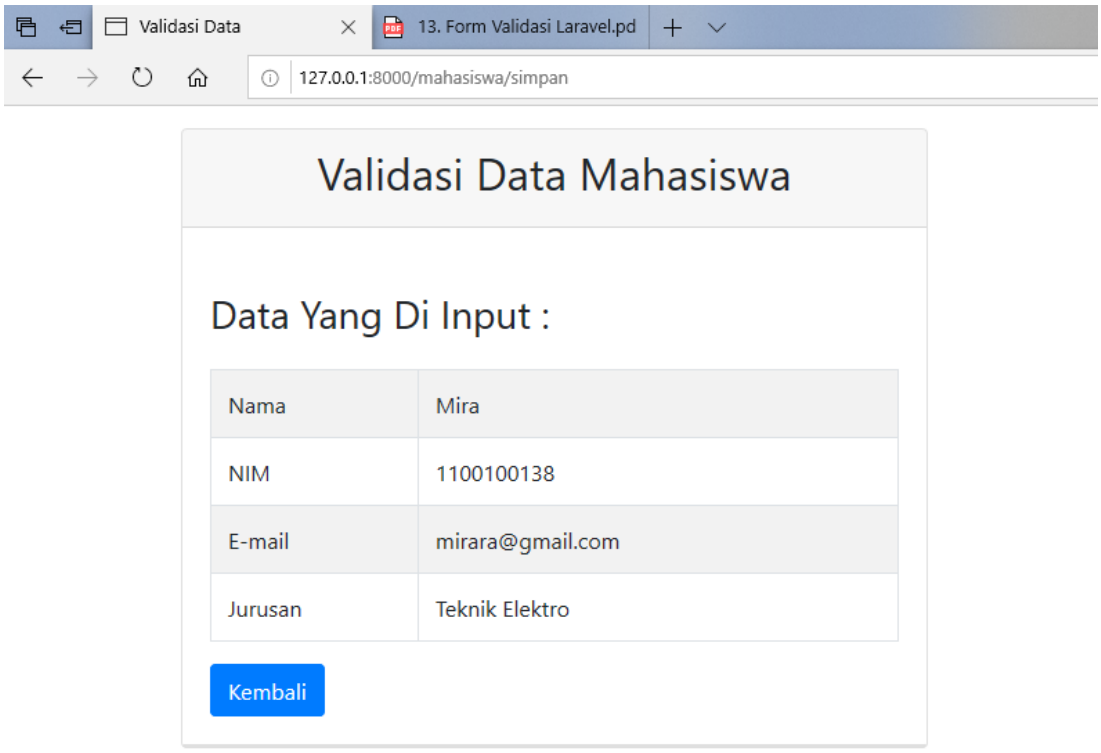
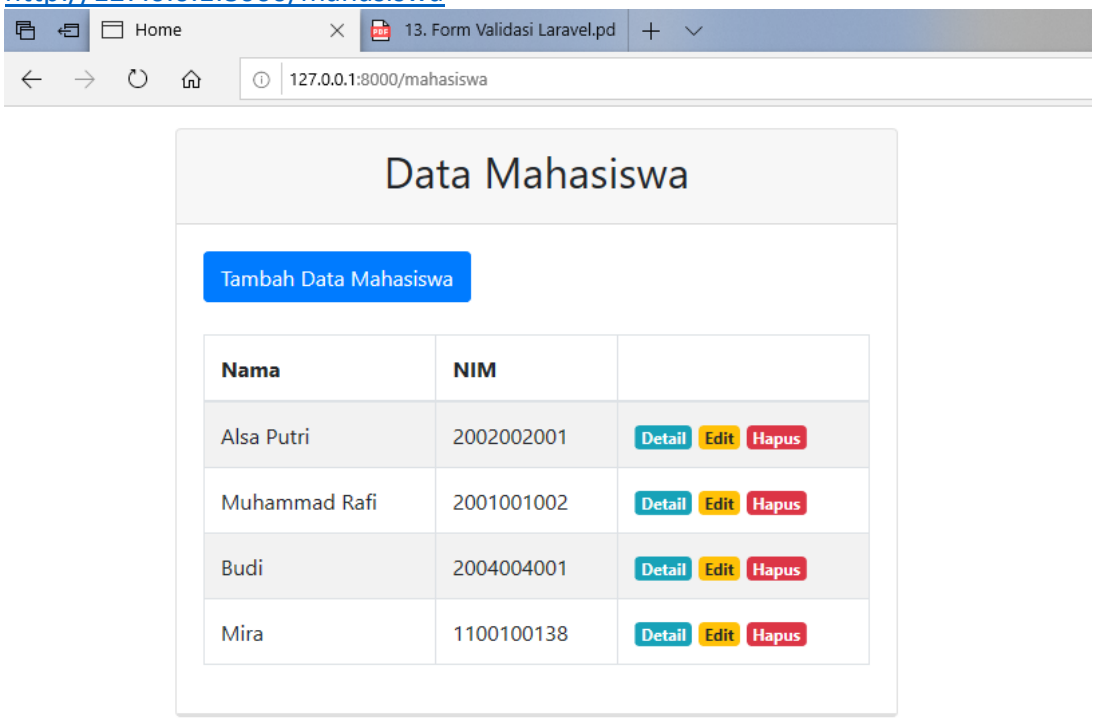
7	Akses http://127.0.0.1:8000/

	
8	Login sesuai dengan user yang telah dibuat pada pertemuuan sebelumnya. 
9	Selanjutnya buka http://127.0.0.1:8000/mahasiswa dan Klik tombol Tambah Data Mahasiswa, lalu masukkan data mahasiswa yang tidak lengkap .

	
10	Setelah itu Klik tombol tambah dan hasilnya akan seperti ini

	
11	Masukkan data mahasiswa yang benar, dan hasilnya akan seperti ini.


Tambah Data
13. Form Validasi Laravel.pd
127.0.0.1:8000/mahasiswa/tambah
Tambah Data Mahasiswa
Kembali
• The email field is required.
Nama
Mira
NIM
110010010038
E-mail
mirara@gmail.com
Jurusan
Teknik Elektro
Tambah

	
12	Data mahasiswa berhasil ditambahkan, kita dapat mengecek data tersebut pada halaman http://127.0.0.1:8000/mahasiswa 

-- Selamat Mengerjakan –