



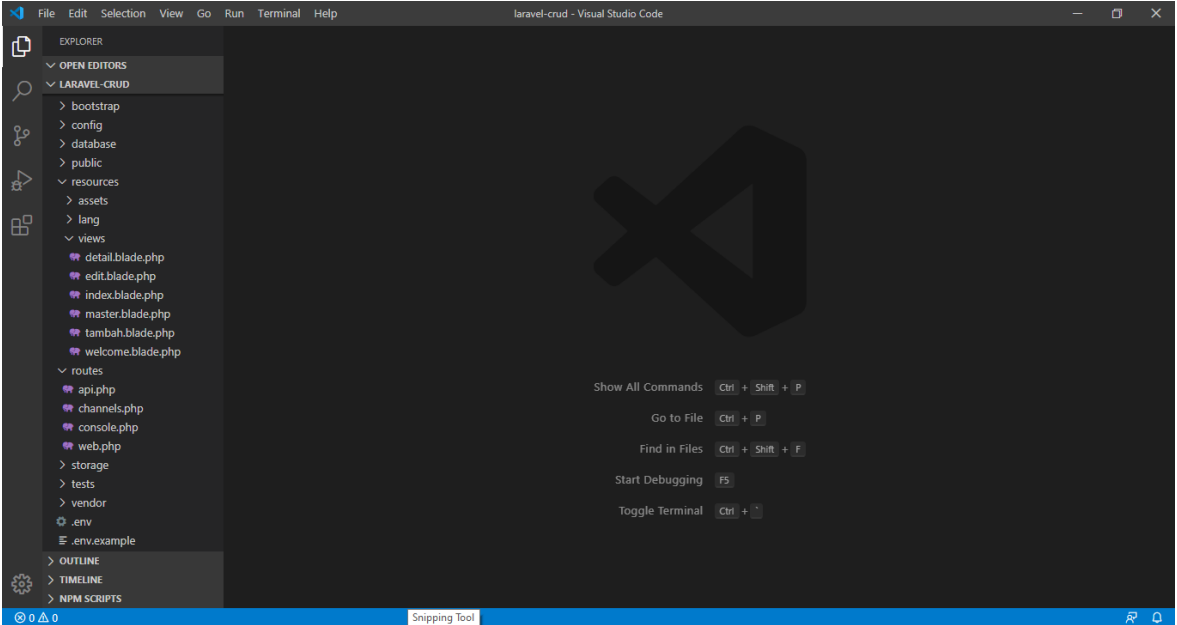
Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-12: Membuat Login menggunakan Laravel
Mata Kuliah Pemrograman Web Lanjut
Pengampu: Tim Ajar Pemrograman Web Lanjut
April 2020

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KELAS : TI-2A

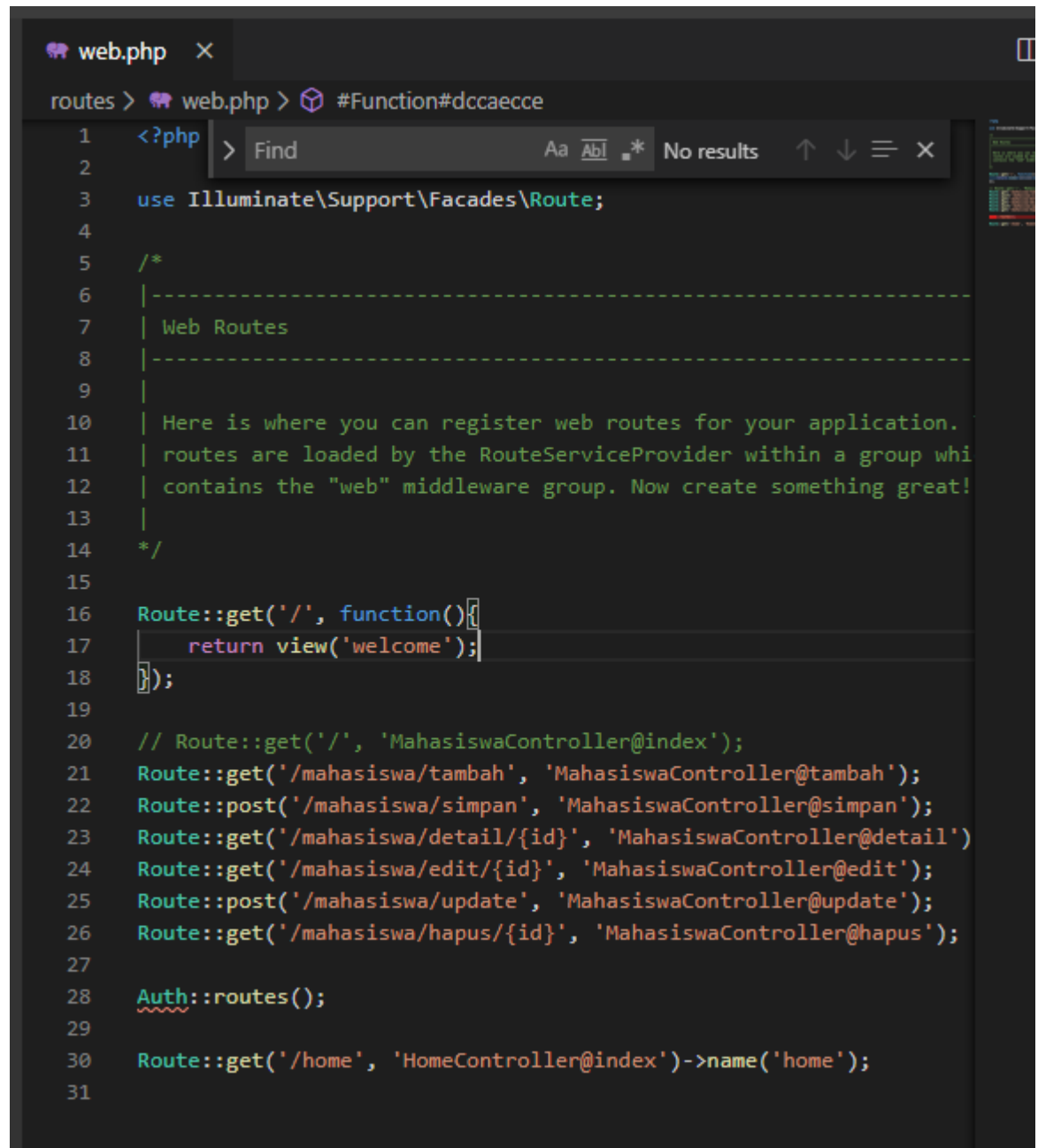
Praktikum: Membuat Login di Laravel

Langkah	Keterangan
1	<p>Buka project Laravel “laravel-crud”</p> 

2	<p>Install UI dengan composer. Dengan cara di bawah ini</p> <pre>C:\xampp\htdocs\laravel-crud>composer require laravel/ui Using version ^2.0 for laravel/ui ./composer.json has been updated Loading composer repositories with package information Updating dependencies (including require-dev) Package operations: 1 install, 0 updates, 0 removals - Installing laravel/ui (v2.0.1): Downloading (100%) Writing lock file Generating optimized autoload files > Illuminate\Foundation\ComposerScripts::postAutoloadDump > @php artisan package:discover --ansi Discovered Package: facade/ignition Discovered Package: fideloper/proxy Discovered Package: fruitcake/laravel-cors Discovered Package: laravel/tinker Discovered Package: laravel/ui Discovered Package: nesbot/carbon Discovered Package: nunomaduro/collision Package manifest generated successfully. 18 packages you are using are looking for funding. Use the composer fund command to find out more! C:\xampp\htdocs\laravel-crud></pre>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p> <pre>C:\xampp\htdocs\laravel-crud>php artisan ui vue --auth Vue scaffolding installed successfully. Please run "npm install && npm run dev" to compile your fresh scaffolding. Authentication scaffolding generated successfully.</pre>

4

Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yan diubah hanya bagian “**Route::get('/')**”



```
web.php x
routes > web.php > #Function#dccaecce
1 <?php
2 Find Aa Abi * No results ↑ ↓ ≡ ×
3 use Illuminate\Support\Facades\Route;
4
5 /*
6 |-----|
7 | Web Routes
8 |-----|
9 |
10 | Here is where you can register web routes for your application.
11 | routes are loaded by the RouteServiceProvider within a group whi
12 | contains the "web" middleware group. Now create something great!
13 |
14 */
15
16 Route::get('/', function(){
17     return view('welcome');
18 });
19
20 // Route::get('/', 'MahasiswaController@index');
21 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
22 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
23 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
24 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
25 Route::post('/mahasiswa/update', 'MahasiswaController@update');
26 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
27
28 Auth::routes();
29
30 Route::get('/home', 'HomeController@index')->name('home');
31
```

5

Jalankan Laravel nya, dengan perintah dibawah ini

```
C:\xampp\htdocs\laravel-crud>php artisan serve
Laravel development server started: http://127.0.0.1:8000
```

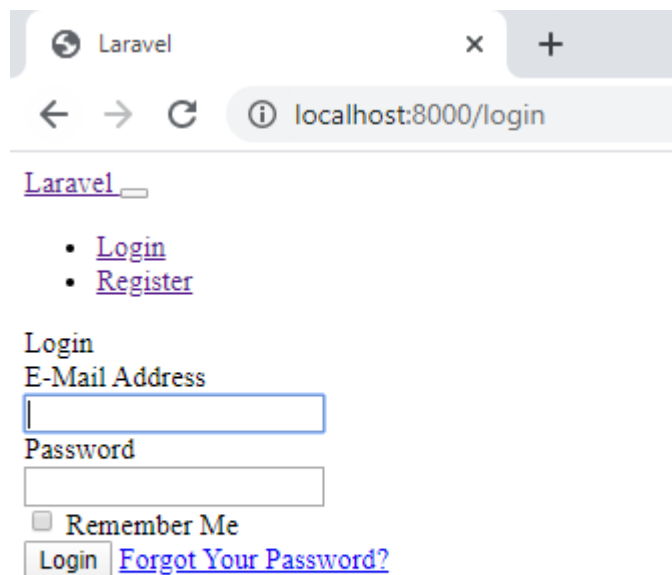
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Buka linknya di browser, dengan mengetik <http://localhost:8000/>. Setelah itu akan muncul seperti dibawah ini



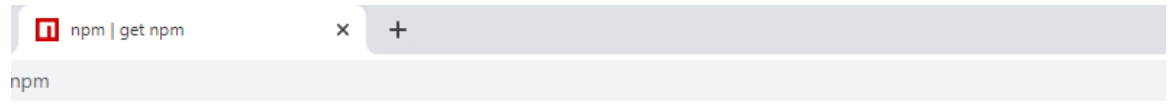
7

Jika klik login akan muncul seperti ini



NB : Jika tampilan login yang muncul seperti diatas maka kita harus download npm terlebih dahulu, download npm pada link berikut : <https://www.npmjs.com/get-npm>

- Klik “Download Node js and npm”



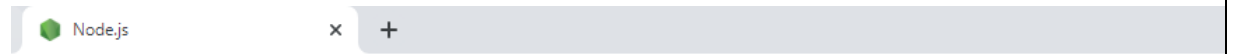
Install npm

npm is installed with Node.js

npm is distributed with **Node.js**- which means that when you download Node.js, you automatically get npm installed on your computer.

[Download Node.js and npm](#)

Pada halaman selanjutnya pilih jenis “12.16.2 LTS” maka npm akan terdownload



[HOME](#) | [ABOUT](#) | [DOWNLOADS](#) | [DOCS](#) | [GET INVOLVED](#) | [SECURITY](#) | [NEWS](#)

Node.js® is a JavaScript runtime built on [Chrome's V8 JavaScript engine](#).

[Security releases may be necessary for all release lines](#)

Download for Windows (x64)

12.16.2 LTS

Recommended For Most Users

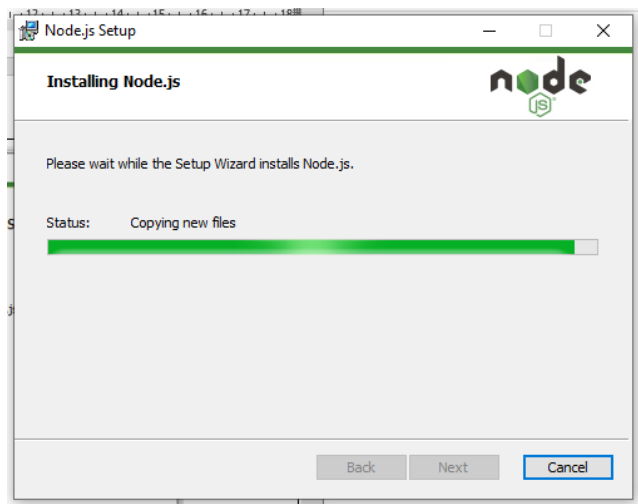
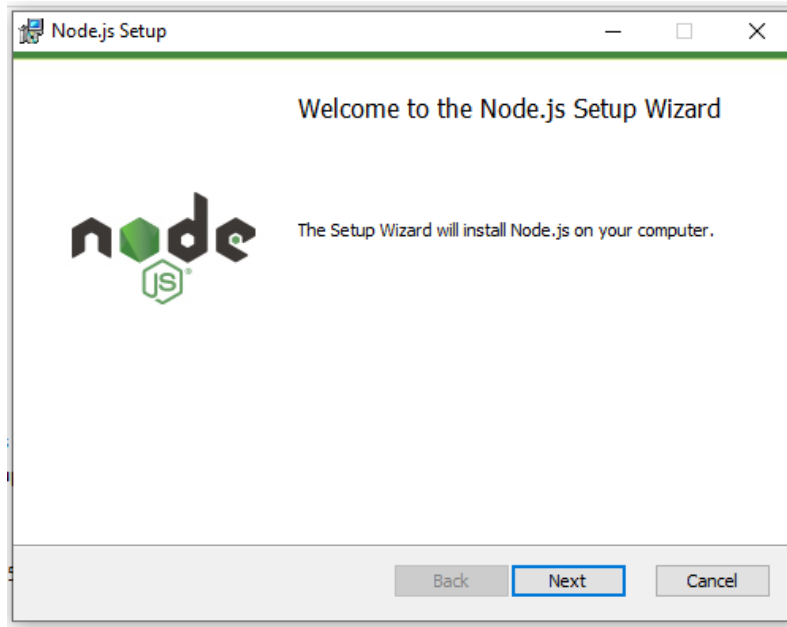
13.13.0 Current

Latest Features

[Other Downloads](#) | [Changelog](#) | [API Docs](#) [Other Downloads](#) | [Changelog](#) | [API Docs](#)

Or have a look at the [Long Term Support \(LTS\) schedule](#).

Jika download sudah selesai, selanjutnya kita instal (klik next hingga selesai)



Cek npm

```
Administrator: Command Prompt
C:\WINDOWS\system32>npm

Usage: npm <command>

where <command> is one of:
  access, adduser, audit, bin, bugs, c, cache, ci, cit,
  clean-install, clean-install-test, completion, config,
  create, ddp, dedupe, deprecate, dist-tag, docs, doctor,
  edit, explore, fund, get, help, help-search, hook, i, init,
  install, install-ci-test, install-test, it, link, list, ln,
  login, logout, ls, org, outdated, owner, pack, ping, prefix,
  profile, prune, publish, rb, rebuild, repo, restart, root,
  run, run-script, s, se, search, set, shrinkwrap, star,
  stars, start, stop, t, team, test, token, tst, un,
  uninstall, unpublish, unstar, up, update, v, version, view,
  whoami

npm <command> -h      quick help on <command>
npm -l                display full usage info
npm help <term>       search for help on <term>
npm help npm          involved overview

Specify configs in the ini-formatted file:
  C:\Users\Husnul\.npmrc
or on the command line via: npm <command> --key value
Config info can be viewed via: npm help config

npm@6.14.4 C:\Program Files\nodejs\node_modules\npm
C:\WINDOWS\system32>
```

Selanjutnya kita juga menginstall npm pada cmd dengan cara ketikkan perintah dibawah ini

```
C:\Windows\System32\cmd.exe
(c) 2019 Microsoft Corporation. All rights reserved.

C:\xampp\htdocs\laravel-crud>npm install && npm dev
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this package is dedicated to the legacy v1
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.12 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.12: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 1072 packages from 493 contributors in 339.876s

36 packages are looking for funding
  run `npm fund` for details

Usage: npm <command>

where <command> is one of:
  access, adduser, audit, bin, bugs, c, cache, ci, cit,
  clean-install, clean-install-test, completion, config,
  create, ddp, dedupe, deprecate, dist-tag, docs, doctor,
  edit, explore, fund, get, help, help-search, hook, i, init,
  install, install-ci-test, install-test, it, link, list, ln,
  login, logout, ls, org, outdated, owner, pack, ping, prefix,
  profile, prune, publish, rb, rebuild, repo, restart, root,
  run, run-script, s, se, search, set, shrinkwrap, star,
  stars, start, stop, t, team, test, token, tst, un,
  uninstall, unpublish, unstar, up, update, v, version, view,
  whoami

npm <command> -h  quick help on <command>
npm -l            display full usage info
npm help <term>  search for help on <term>
npm help npm     involved overview

Specify configs in the ini-formatted file:
  C:\Users\Husnul\.npmrc
or on the command line via: npm <command> --key value
Config info can be viewed via: npm help config

npm@6.14.4 C:\Program Files\nodejs\node_modules\npm

C:\xampp\htdocs\laravel-crud>
```

```
C:\Windows\System32\cmd.exe
(c) 2019 Microsoft Corporation. All rights reserved.

C:\xampp\htdocs\laravel-crud>npm run dev

> @ dev C:\xampp\htdocs\laravel-crud
> npm run development

> @ development C:\xampp\htdocs\laravel-crud
> cross-env NODE_ENV=development node_modules/webpack/bin/webpack.js --progress --hide-modules --config=node_modules/lar
avel-mix/setup/webpack.config.js

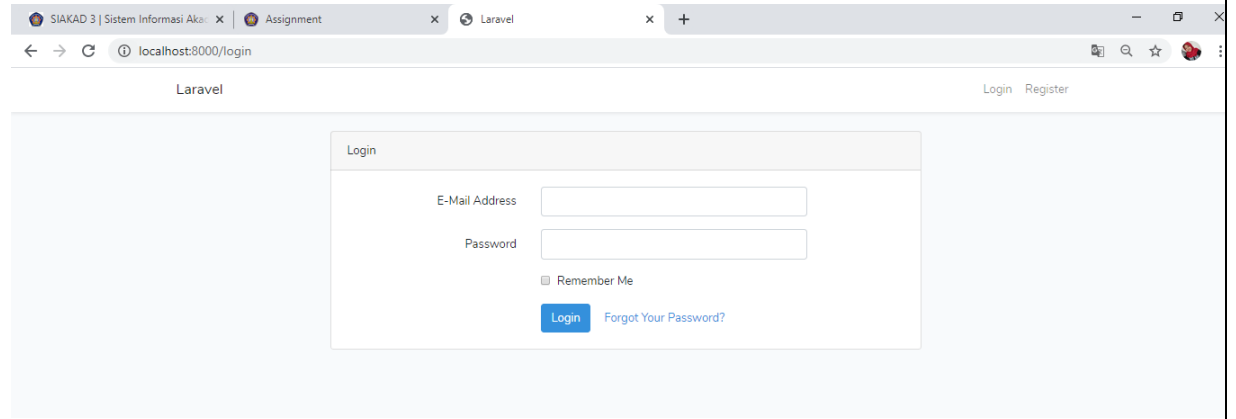
98% after emitting SizeLimitsPlugin

DONE Compiled successfully in 28195ms

Asset      Size  Chunks  Chunk Names
/css/app.css 177 KiB  /js/app  [emitted]  /js/app
/js/app.js  1.4 MiB  /js/app  [emitted]  /js/app

C:\xampp\htdocs\laravel-crud>
```

Jika berhasil maka tampilan login akan berubah seperti berikut ini :



Localhost:8000/login

Laravel

Login Register

Login

E-Mail Address

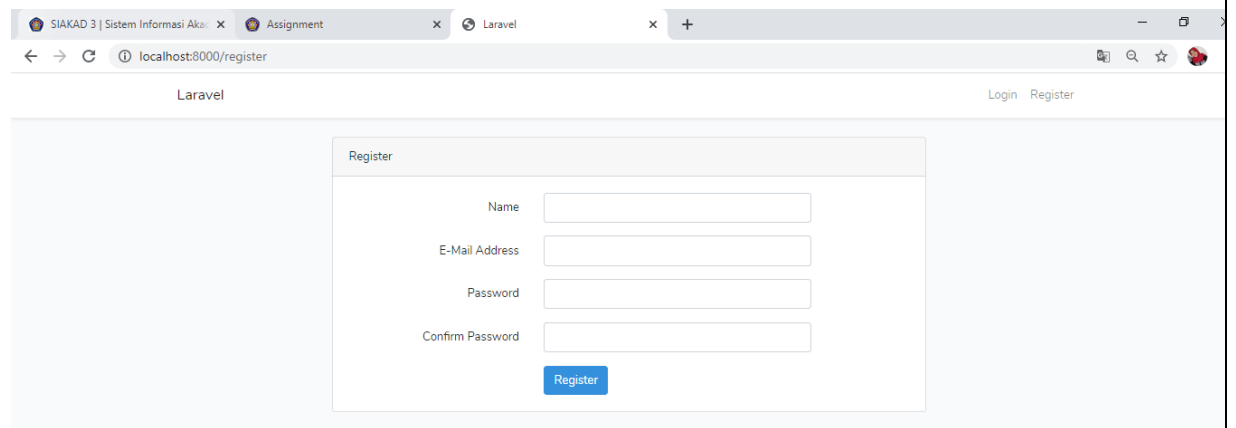
Password

☐ Remember Me

Login Forgot Your Password?

8

Jika klik register akan muncul seperti ini



Localhost:8000/register

Laravel

Login Register

Register

Name

E-Mail Address

Password

Confirm Password

Register

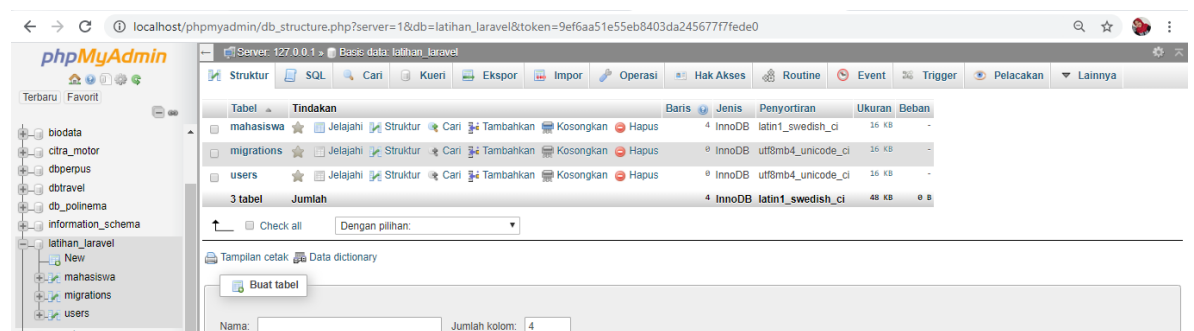
9

Untuk menambahkan table users ke dalam mysql, gunakan perintah dibawah.

```
C:\xampp\htdocs\laravel-crud>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
```

10

Hasil setelah migrate, bisa dilihat di phpMyAdmin.



Localhost/phpmyadmin/db_structure.php?server=1&db=latihan_laravel&token=9ef6aa51e55eb8403da245677f7fede0

phpMyAdmin

Server: 127.0.0.1 - Base data: latihan_laravel

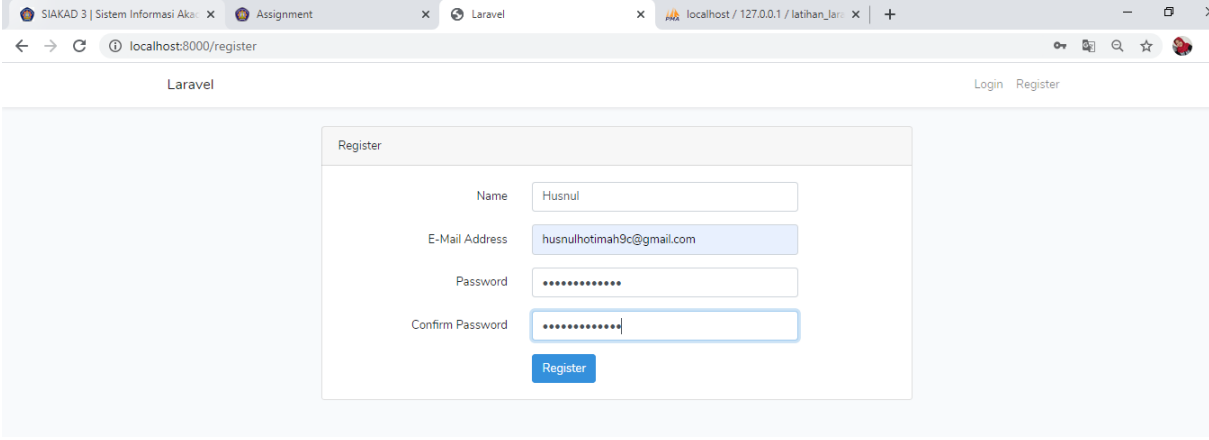
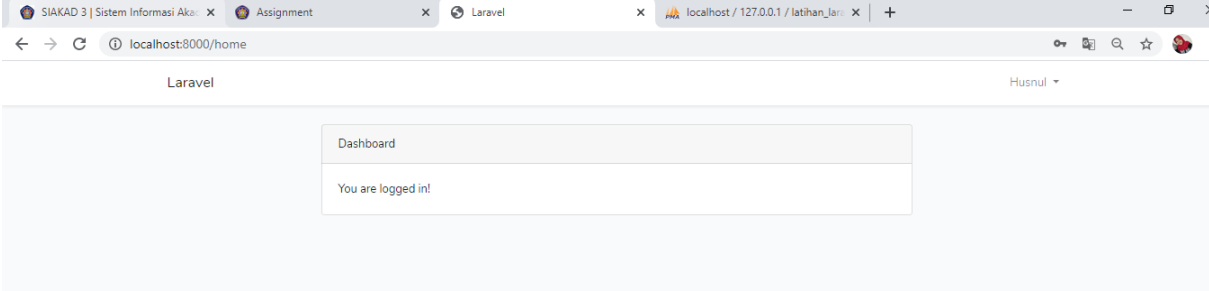
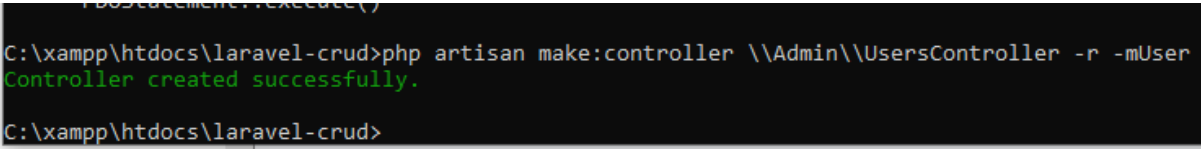
Tabel	Tindakan	Baris	Jenis	Penyortiran	Ukuran	Beban
mahasiswa	Struktur Cari Tambahkan Kosongkan Hapus	4	InnoDB	latin1_swedish_ci	16 KB	-
migrations	Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	16 KB	-
users	Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	16 KB	-
3 tabel	Jumlah	4	InnoDB	latin1_swedish_ci	48 KB	0 B

Check all Dengan pilihan:

Tampilkan cetak Data dictionary

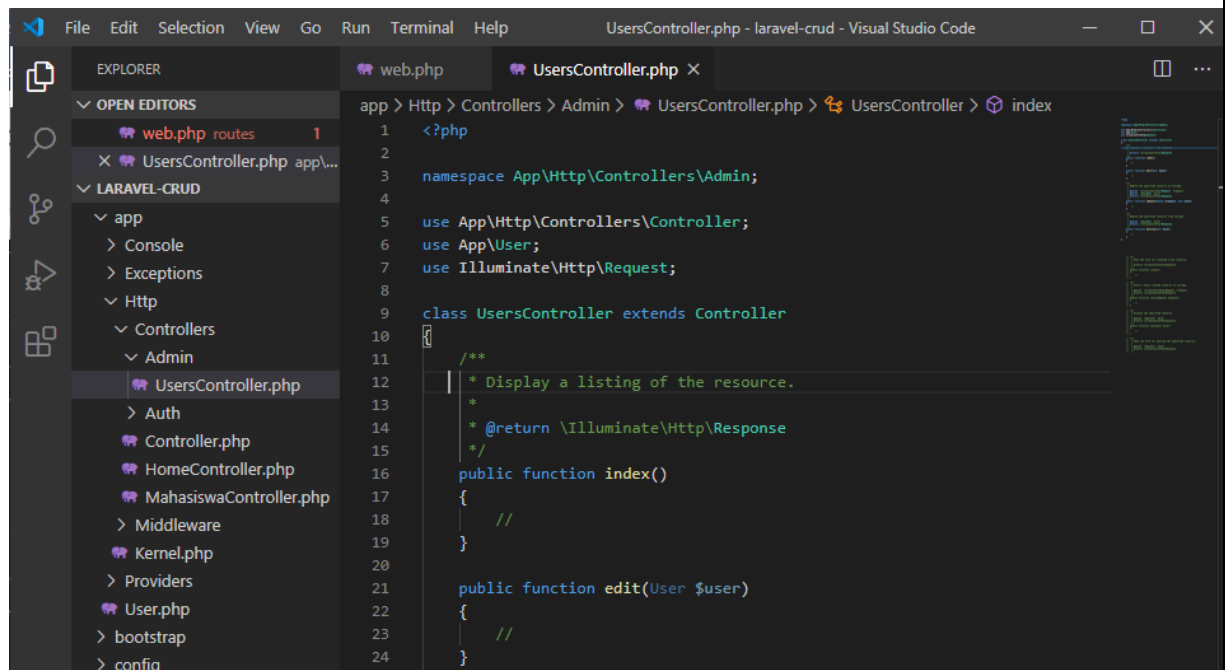
Buat tabel

Nama: Jumlah kolom: 4

11	<p>Klik menu registrasi dan isikan data sesuai keinginan</p> 
12	<p>Setelah register akan otomatis login</p> 
13	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p>  <pre> C:\xampp\htdocs\laravel-crud>php artisan make:controller \\Admin\\UsersController -r -mUser Controller created successfully. C:\xampp\htdocs\laravel-crud> </pre>

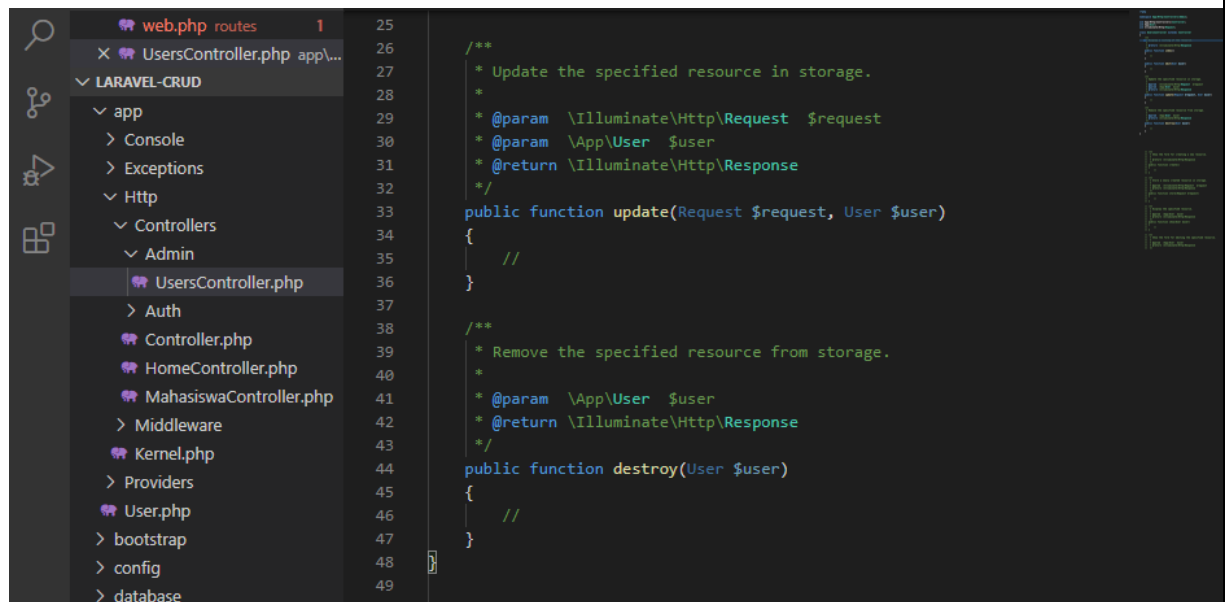
14

Buka file **UsersController.php** pada “**app->Http->Controllers->Admin**” dan sisakan function index, edit, update, destroy



```
File Edit Selection View Go Run Terminal Help UsersController.php - laravel-crud - Visual Studio Code
EXPLORER
web.php UsersController.php X
OPEN EDITORS
web.php routes 1
UsersController.php app\...
LARAVEL-CRUD
app
  Console
  Exceptions
  Http
    Controllers
      Admin
        UsersController.php
      Auth
      Controller.php
      HomeController.php
      MahasiswaController.php
    Middleware
    Kernel.php
    Providers
    User.php
    bootstrap
    config
    database

app > Http > Controllers > Admin > UsersController.php > UsersController > index
1 <?php
2
3 namespace App\Http\Controllers\Admin;
4
5 use App\Http\Controllers\Controller;
6 use App\User;
7 use Illuminate\Http\Request;
8
9 class UsersController extends Controller
10 {
11     /**
12      * Display a listing of the resource.
13      *
14      * @return \Illuminate\Http\Response
15      */
16     public function index()
17     {
18         //
19     }
20
21     public function edit(User $user)
22     {
23         //
24     }
25
26     /**
27      * Update the specified resource in storage.
28      *
29      * @param \Illuminate\Http\Request $request
30      * @param \App\User $user
31      * @return \Illuminate\Http\Response
32      */
33     public function update(Request $request, User $user)
34     {
35         //
36     }
37
38     /**
39      * Remove the specified resource from storage.
40      *
41      * @param \App\User $user
42      * @return \Illuminate\Http\Response
43      */
44     public function destroy(User $user)
45     {
46         //
47     }
48
49 }
```



```
web.php routes 1
UsersController.php app\...
LARAVEL-CRUD
app
  Console
  Exceptions
  Http
    Controllers
      Admin
        UsersController.php
      Auth
      Controller.php
      HomeController.php
      MahasiswaController.php
    Middleware
    Kernel.php
    Providers
    User.php
    bootstrap
    config
    database

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15

Buka file web.php. Tambahkan script seperti pada line 32

```

File Edit Selection View Go Run Terminal Help web.php - laravel-crud - Visual Studio Code

web.php x UsersController.php

routes > web.php > #Function#dccaacce

1 <?php
2
3 use Illuminate\Support\Facades\Route;
4
5 /*
6 |-----
7 | Web Routes
8 |-----
9 |
10 | Here is where you can register web routes for your application. These
11 | routes are loaded by the RouteServiceProvider within a group which
12 | contains the "web" middleware group. Now create something great!
13 |
14 */
15
16 Route::get('/', function() {
17     return view('welcome');
18 });
19
20 // Route::get('/', 'MahasiswaController@index');
21 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
22 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
23 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
24 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
25 Route::post('/mahasiswa/update', 'MahasiswaController@update');
26 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
27
28 Auth::routes();
29
30 Route::get('/home', 'HomeController@index')->name('home');
31
32 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
  
```

16

Untuk cek route bisa menggunakan cara di bawah ini

```

C:\xampp\htdocs\laravel-crud>php artisan route:list
  
```

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		Closure	web
	GET HEAD	admin/users	users.index	App\Http\Controllers\Admin\UsersController@index	web
	DELETE	admin/users/{user}	users.destroy	App\Http\Controllers\Admin\UsersController@destroy	web
	PUT PATCH	admin/users/{user}	users.update	App\Http\Controllers\Admin\UsersController@update	web
	GET HEAD	admin/users/{user}/edit	users.edit	App\Http\Controllers\Admin\UsersController@edit	web
	GET HEAD	api/user		Closure	api,auth:api
	GET HEAD	home	home	App\Http\Controllers\HomeController@index	web,auth
	GET HEAD	login	login	App\Http\Controllers\Auth\LoginController@showLoginForm	web,guest
	POST	login		App\Http\Controllers\Auth\LoginController@login	web,guest
	POST	logout	logout	App\Http\Controllers\Auth\LoginController@logout	web
	GET HEAD	mahasiswa/detail/{id}		App\Http\Controllers\MahasiswaController@detail	web
	GET HEAD	mahasiswa/edit/{id}		App\Http\Controllers\MahasiswaController@edit	web
	GET HEAD	mahasiswa/hapus/{id}		App\Http\Controllers\MahasiswaController@hapus	web
	POST	mahasiswa/simpan		App\Http\Controllers\MahasiswaController@simpan	web
	GET HEAD	mahasiswa/tambah		App\Http\Controllers\MahasiswaController@tambah	web
	POST	mahasiswa/update		App\Http\Controllers\MahasiswaController@update	web
	GET HEAD	password/confirm	password.confirm	App\Http\Controllers\Auth\ConfirmPasswordController@showConfirmForm	web,auth
	POST	password/confirm		App\Http\Controllers\Auth\ConfirmPasswordController@confirm	web,auth
	POST	password/email	password.email	App\Http\Controllers\Auth\ForgotPasswordController@sendResetLinkEmail	web
	GET HEAD	password/reset	password.request	App\Http\Controllers\Auth\ForgotPasswordController@showResetForm	web
	POST	password/reset	password.update	App\Http\Controllers\Auth\ResetPasswordController@reset	web
	GET HEAD	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ResetPasswordController@showResetForm	web
	GET HEAD	register	register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest
	POST	register		App\Http\Controllers\Auth\RegisterController@register	web,guest

```

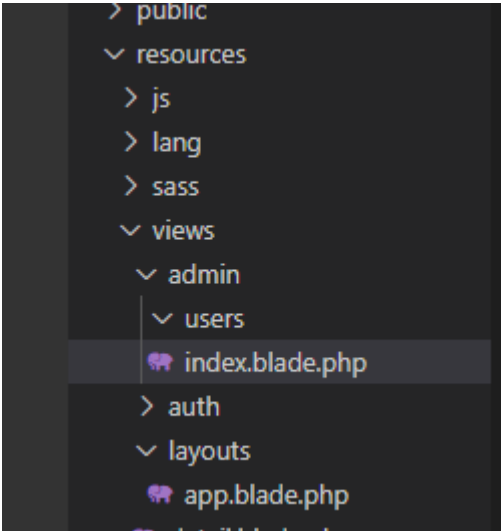
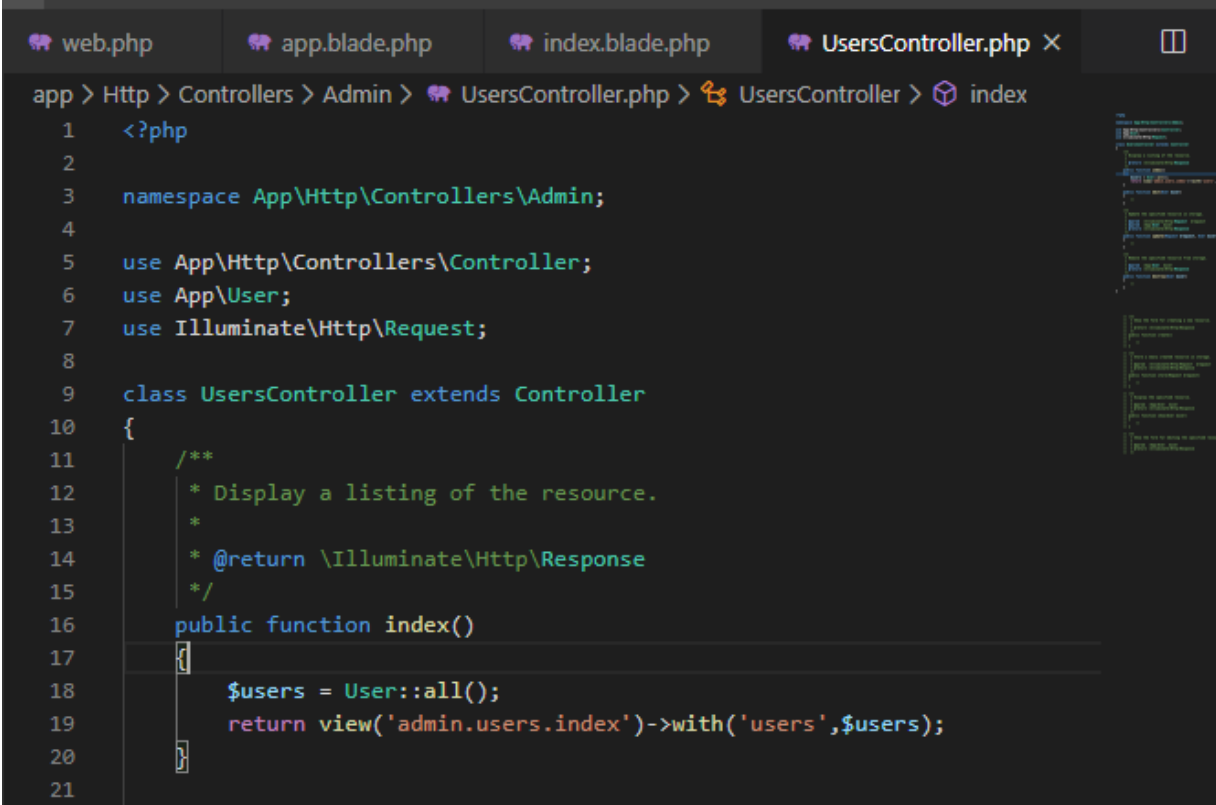
C:\xampp\htdocs\laravel-crud>
  
```

17

Masuk ke file “**app.blade.php**” pada “**resources->views->layouts**” tambahkan script seperti line 65-67

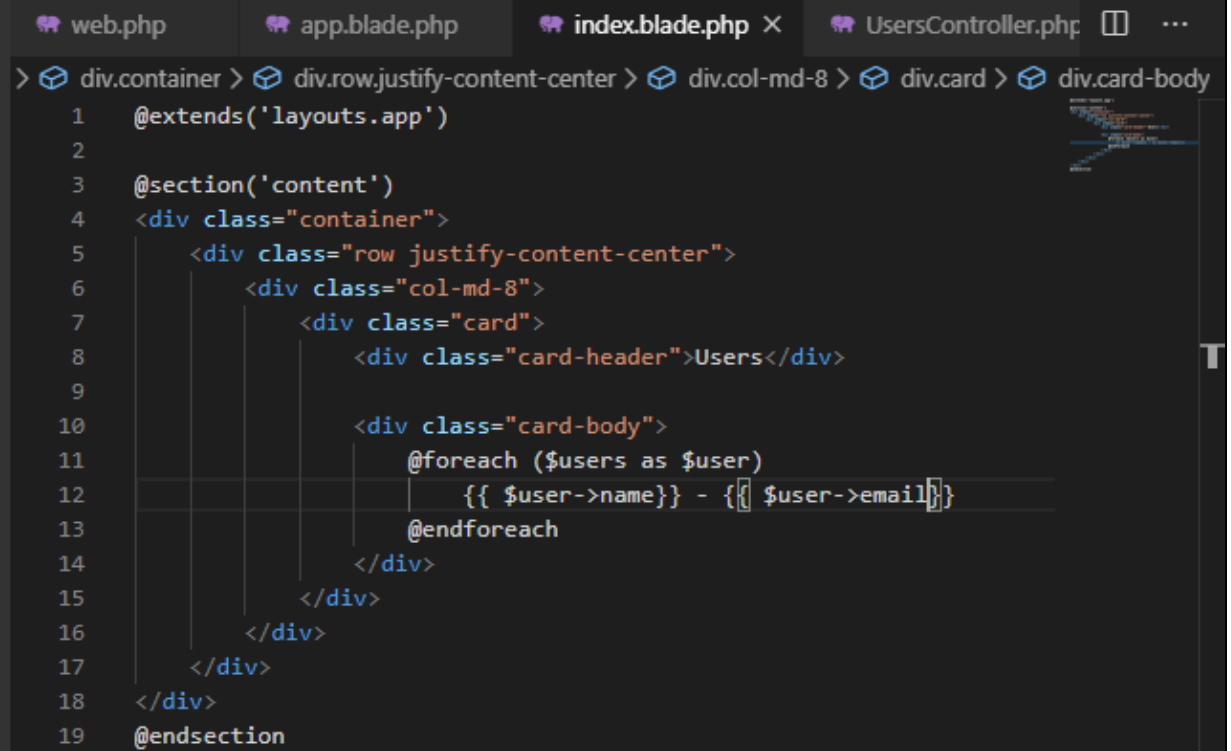
18

Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management

19	<p>Buat sebuah file “index.blade.php” di dalam folder users dengan membuat folder baru “admin dan users” pada “resources->views”</p> 
20	<p>Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http->Controllers->Admin”</p>  <pre> 1 <?php 2 3 namespace App\Http\Controllers\Admin; 4 5 use App\Http\Controllers\Controller; 6 use App\User; 7 use Illuminate\Http\Request; 8 9 class UsersController extends Controller 10 { 11 /** 12 * Display a listing of the resource. 13 * 14 * @return \Illuminate\Http\Response 15 */ 16 public function index() 17 { 18 \$users = User::all(); 19 return view('admin.users.index')->with('users',\$users); 20 } 21 </pre>

21

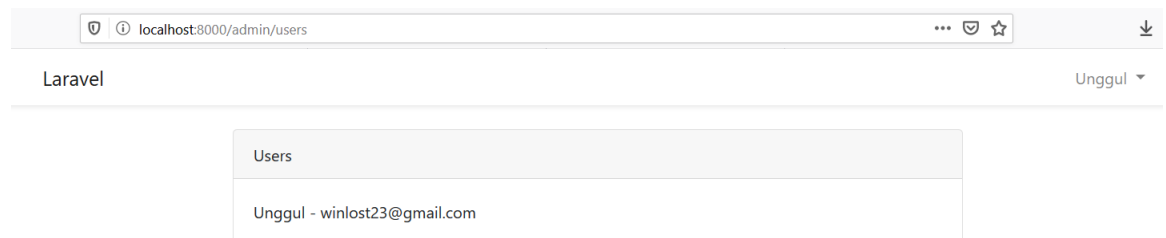
Buka file “**index.blade.php**” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.



```
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container">
5     <div class="row justify-content-center">
6         <div class="col-md-8">
7             <div class="card">
8                 <div class="card-header">Users</div>
9
10                <div class="card-body">
11                    @foreach ($users as $user)
12                        {{ $user->name }} - {{ $user->email }}
13                    @endforeach
14                </div>
15            </div>
16        </div>
17    </div>
18 </div>
19 @endsection
```

22

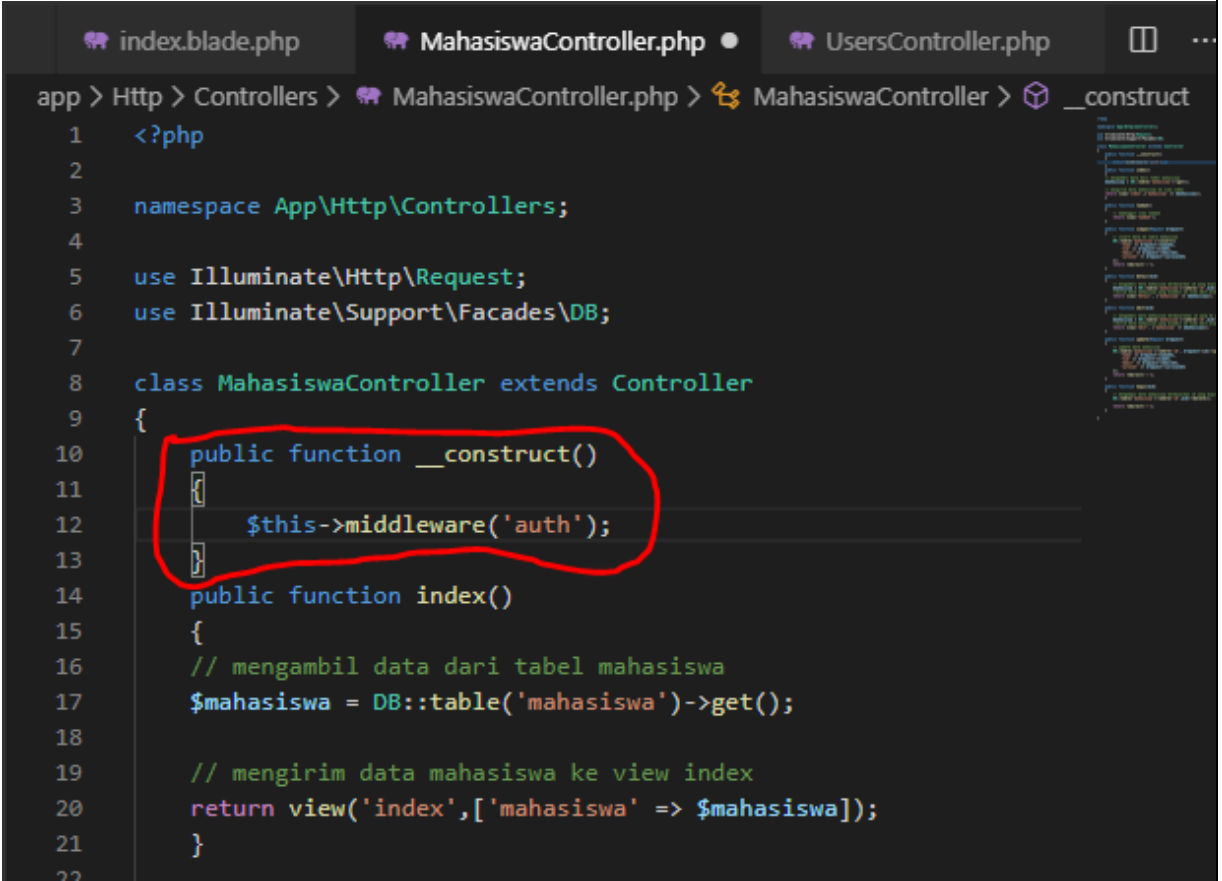
Hasil akhirnya akan seperti dibawah ini



Tambahan tugas:

- Pertemuan minggu lalu atau ke-11 untuk membuka CRUDnya harus login terlebih dahulu, jika belum login tidak bisa melakukan CRUD

JAWABAN :

Langkah	Keterangan
1	<p>Pada MahasiswaController.php tambahkan function construct</p>  <pre>app > Http > Controllers > MahasiswaController.php > MahasiswaController > __construct 1 <?php 2 3 namespace App\Http\Controllers; 4 5 use Illuminate\Http\Request; 6 use Illuminate\Support\Facades\DB; 7 8 class MahasiswaController extends Controller 9 { 10 public function __construct() 11 { 12 \$this->middleware('auth'); 13 } 14 public function index() 15 { 16 // mengambil data dari tabel mahasiswa 17 \$mahasiswa = DB::table('mahasiswa')->get(); 18 19 // mengirim data mahasiswa ke view index 20 return view('index',['mahasiswa' => \$mahasiswa]); 21 } 22 }</pre>

2

Masuk ke file “**app.blade.php**” pada “**resources->views->layouts**” tambahkan script seperti line 68-70

```

web.php  app.blade.php X  index.blade.php  MahasiswaController.php  UsersContr
collapse > ul.navbar-nav.ml-auto > li.nav-item.dropdown > div.dropdown-menu.dropdown-menu-right > a.d
42 > @guest
43 > <li class="nav-item">
44 > | <a class="nav-link" href="{{ route('login') }}">{{ __('Login') }}</a>
45 > </li>
46 > @if (Route::has('register'))
47 > | <li class="nav-item">
48 > | <a class="nav-link" href="{{ route('register') }}">{{ __('Register') }}
49 > | </li>
50 > @endif
51 > @else
52 > <li class="nav-item dropdown">
53 > | <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="butt
54 > | {{ Auth::user()->name }} <span class="caret"></span>
55 > | </a>
56 >
57 > | <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropd
58 > | <a class="dropdown-item" href="{{ route('logout') }}"
59 > | | onclick="event.preventDefault();
60 > | | document.getElementById('logout-form').submit();"
61 > | | {{ __('Logout') }}
62 > | </a>
63 >
64 > | <a class="dropdown-item" href="{{ route('users.index') }}">
65 > | | User Management
66 > | </a>
67 >
68 > | <a class="dropdown-item" href="/mahasiswa">
69 > | | Mahasiswa
70 > | </a>
71 >
72 > | <form id="logout-form" action="{{ route('logout') }}" method="POST" sty
73 > | | @csrf
74 > | </form>
75 > | </div>
76 > </li>

```

3

Ubah route ini :

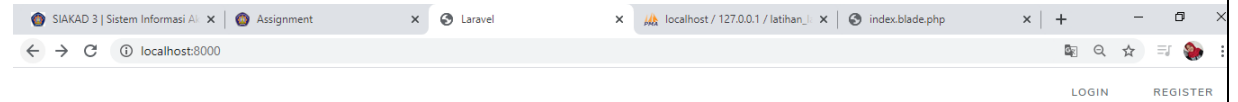
```
Route::get('/', 'MahasiswaController@index');
```

Sehingga menjadi :

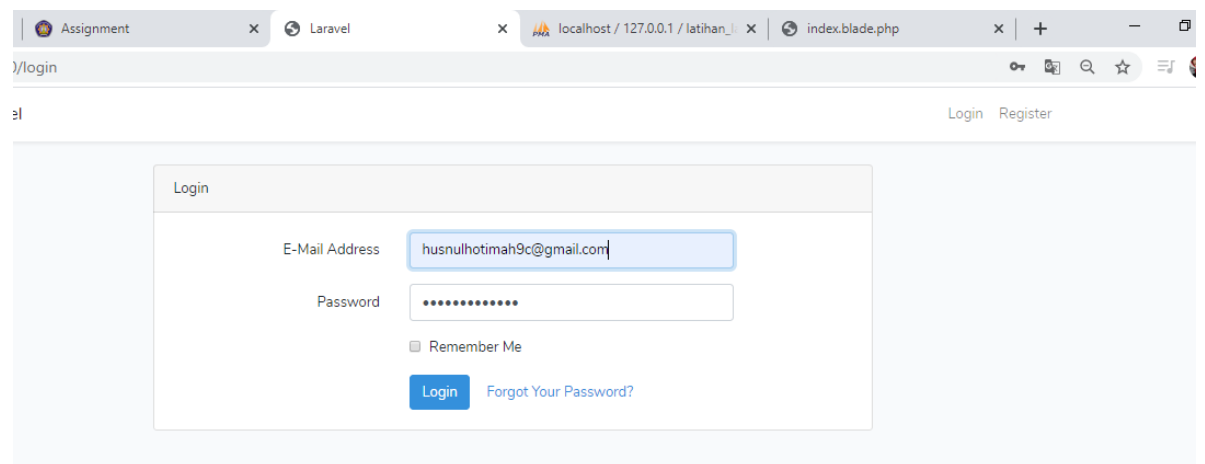
```
Route::get('/mahasiswa', 'MahasiswaController@index');
```


4

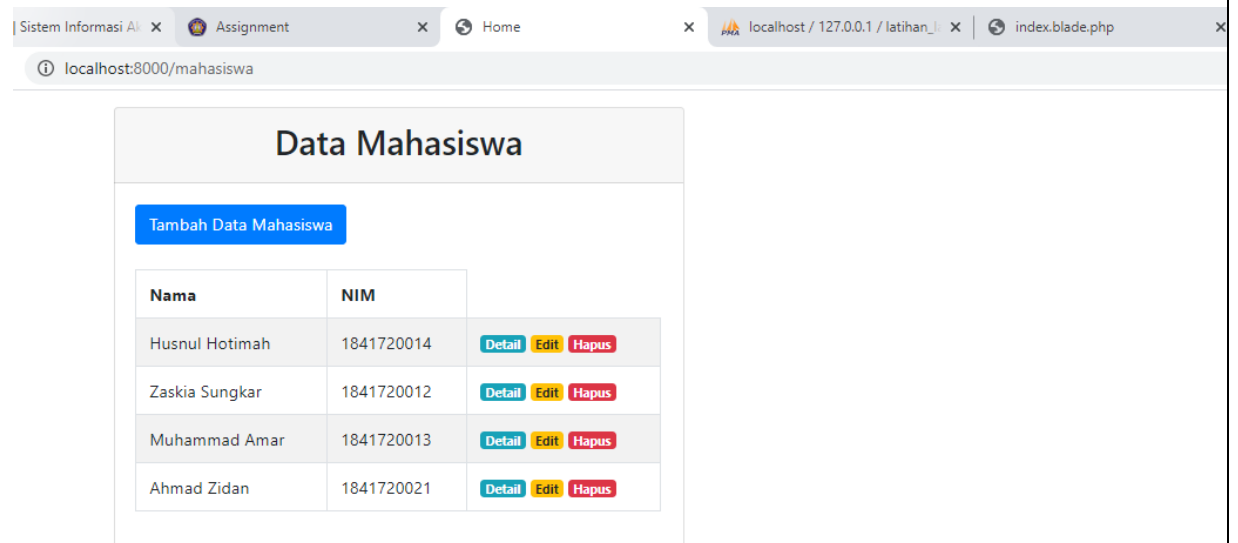
Kemudian jalankan kembali localhost:8000



Lakukan login terlebih dahulu



Jika Anda berhasil login maka selanjutnya otomatis akan menampilkan data Mahasiswa



SELESAI