

LAPORAN PRAKTIKUM
PEMROGRAMAN WEB LANJUT

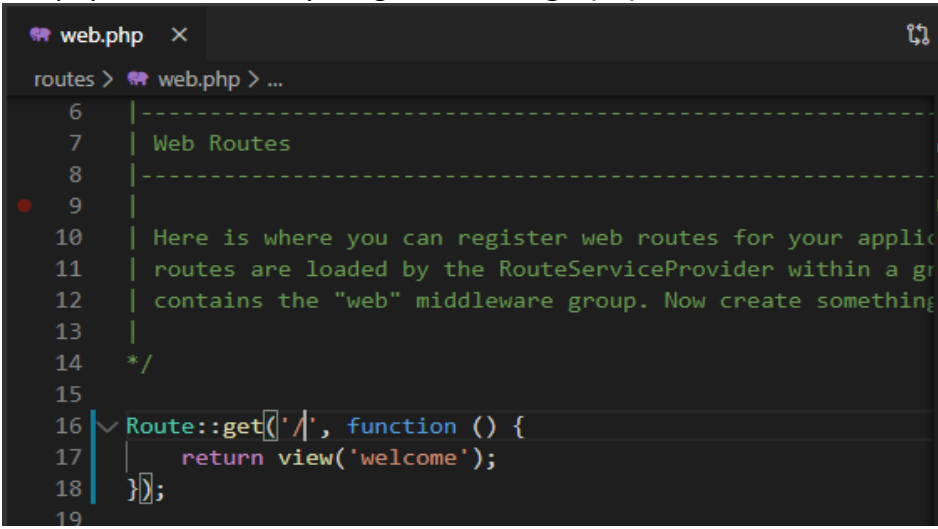
Jobsheet-12
Membuat Login menggunakan Laravel

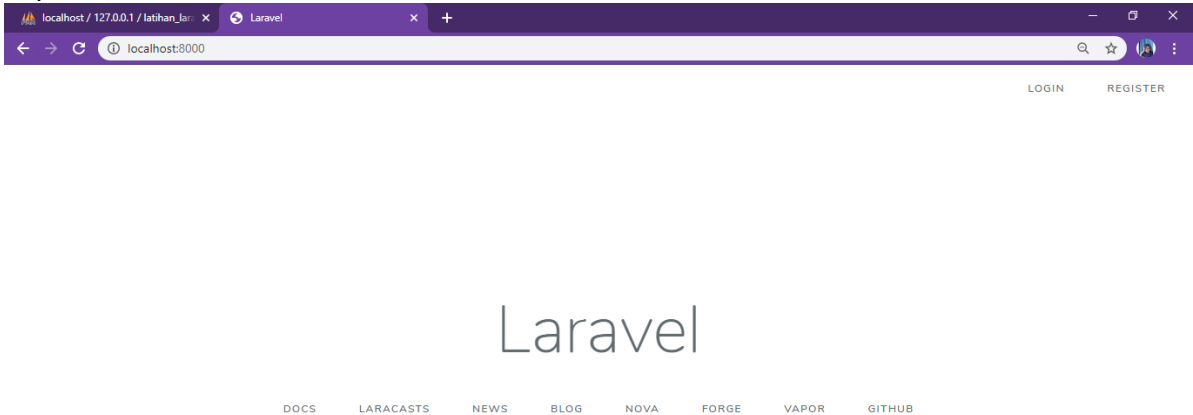
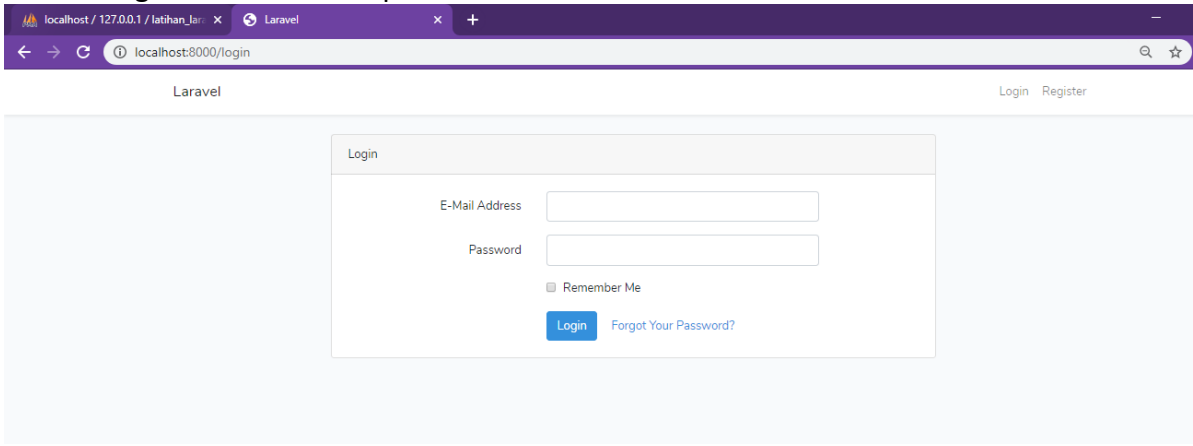


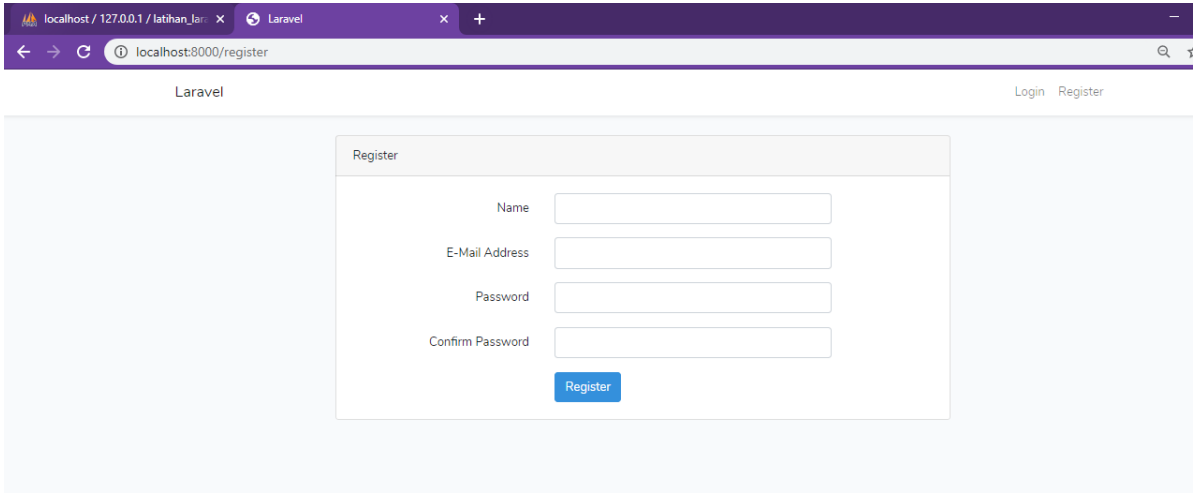
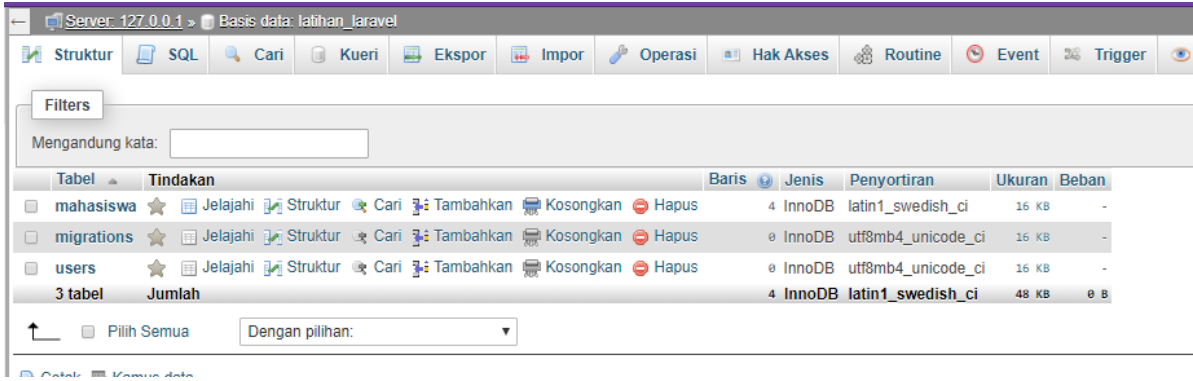
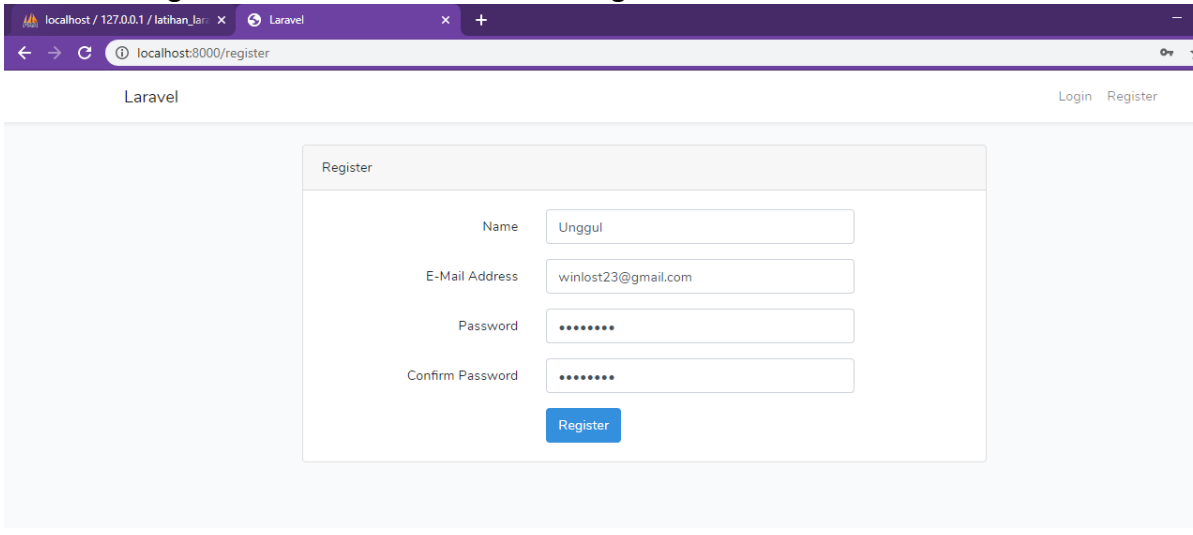
NAMA : DINA RISKY ALIN SAPUTRI
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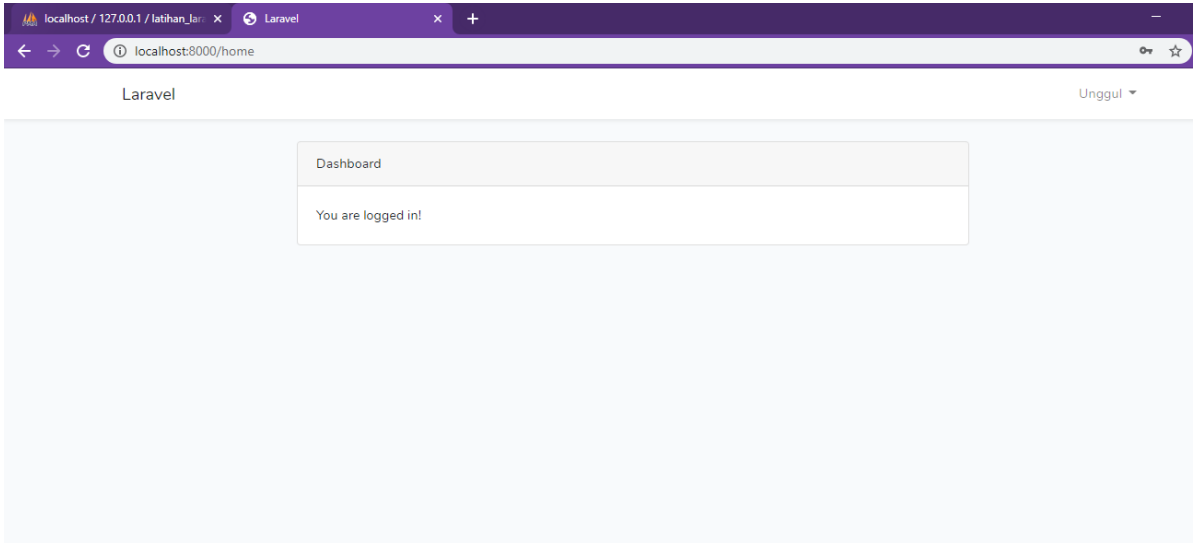
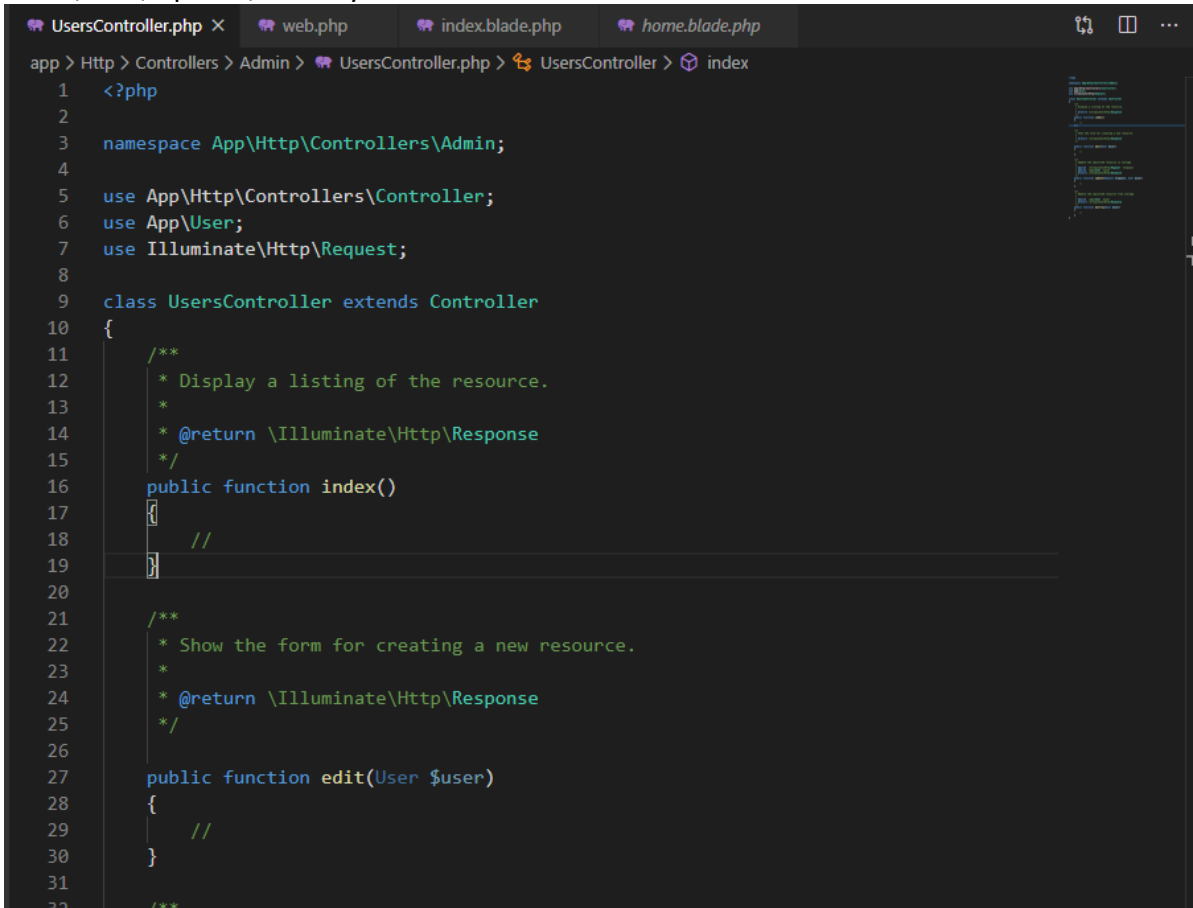
PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020

Praktikum – Bagian 1: Membuat CRUD di Laravel menggunakan Query Builder

Langkah	Keterangan
1	Buka project Laravel “laravel-crud”
2	<pre>C:\xampp\htdocs\LARAVEL\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.</pre> <p>Install UI dengan composer. Dengan cara di bawah ini</p>
3	<pre>C:\xampp\htdocs\LARAVEL\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> <p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p>
4	<p>Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yand diubah hanya bagian “Route::get('/')”</p>  <pre>web.php x routes > web.php > ... 6 ----- 7 Web Routes 8 ----- 9 10 Here is where you can register web routes for your applic 11 routes are loaded by the RouteServiceProvider within a gr 12 contains the "web" middleware group. Now create something 13 14 */ 15 16 Route::get('/', function () { 17 return view('welcome'); 18 }); 19 </pre>

5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p> <pre>C:\xampp\htdocs\LARAVEL\laravel-crud>php artisan serve Laravel development server started: http://127.0.0.1:8000 [Mon Apr 20 05:26:28 2020] 127.0.0.1:51898 [200]: /favicon.ico</pre>
6	<p>Download dan Install Node.js and npm pada link https://www.npmjs.com/get-npm Dan Buka cmd untuk melakukan install & run pada npm. Dengan cara install :</p> <ol style="list-style-type: none"> 1. Masuk pada directory C:\xampp\htdocs\LARAVEL\laravel-crud 2. npm install && npm run dev 3. npm run dev
7	<p>Buka linknya di browser, dengan mengetik http://localhost:8000/. Setelah itu akan muncul Seperti dibawah ini</p> 
8	<p>Jika klik login akan muncul seperti ini</p> 
9	<p>Jika klik register akan muncul seperti ini</p>

	
10	<p>Untuk menambahkan table users ke dalam mysql, gunakan perintah dibawah.</p> <p>php artisan migrate</p>
11	<p>Hasil setelah migrate, bisa dilihat di phpMyAdmin</p> 
12	<p>Klik menu registrasi dan isikan data sesuai keinginan</p> 
13	<p>Setelah register akan otomatis login</p>

	
14	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p> <pre>C:\xampp\htdocs\LARAVEL\laravel-crud>php artisan make:controller \Admin\UsersController -r -mUserController created successfully.</pre>
15	<p>Buka file UsersController.php pada “app->Http->Controllers->Admin” dan sisakan function index, edit, update, destroy</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 // 19 } 20 21 /** 22 * Show the form for creating a new resource. 23 * 24 * @return \Illuminate\Http\Response 25 */ 26 27 public function edit(User \$user) 28 { 29 // 30 } 31 32 /** </pre>

16

Buka file web.php. Tambahkan script seperti pada line 37

```

web.php x
routes > web.php > ...
14 */
15
16 Route::get('/', function () {
17     return view('welcome');
18 });
19
20 Route::get('/', 'MahasiswaController@index');
21
22 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
23
24 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
25
26 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
27
28 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
29
30 Route::post('/mahasiswa/update', 'MahasiswaController@update');
31
32 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
33
34 Auth::routes();
35
36 Route::get('/home', 'HomeController@index')->name('home');
37 Route::resource('admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
38

```

17


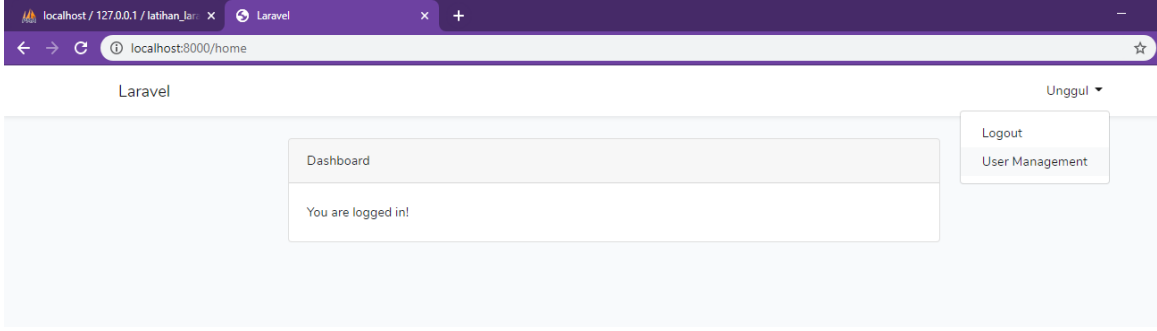
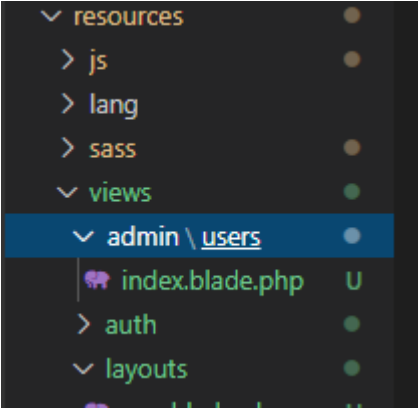
Untuk cek route bisa menggunakan cara dibawah ini

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

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		App\Http\Controllers\MahasiswaController@index	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@showLinkRequestForm	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

18

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

	 <pre> 47 48 @if (Route::has('register')) 49 <li class="nav-item"> 50 {{ __('Register') }} 51 52 @endif 53 @else 54 <li class="nav-item dropdown"> 55 56 {{ Auth::user()->name }} 57 58 59 <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown"> 60 62 {{ __('Logout') }} 63 64 65 66 User Management 67 68 69 <form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;"> 70 @csrf 71 </form> 72 </div> 73 74 @endguest 75 </pre>
19	<p>Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management</p> 
20	<p>Buat sebuah file “index.blade.php” di dalam folder users dengan membuat folder baru “admin dan users” pada “resources->views”</p> 

21

Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http>Controllers->Admin”

```

UsersController.php X
app > Http > Controllers > Admin > UsersController.php > UsersController
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
22     /**
23      * Show the form for creating a new resource.
24      *

```

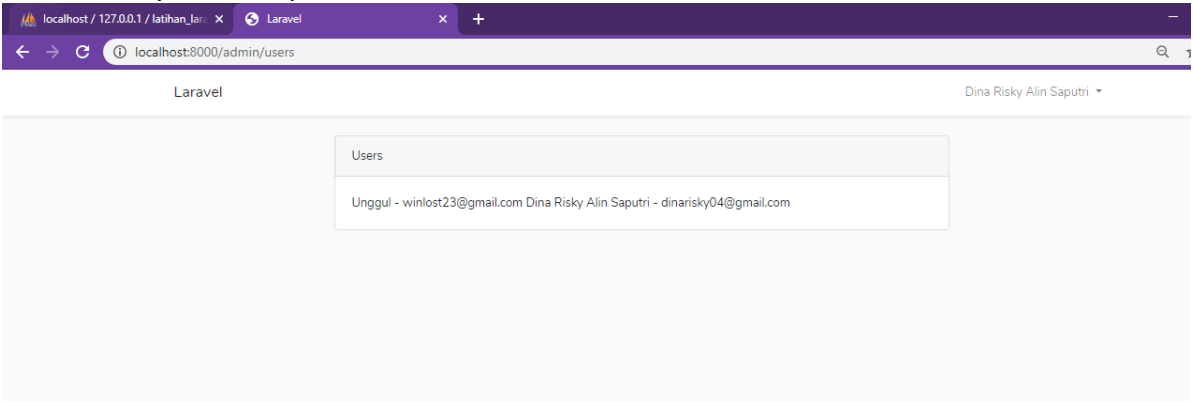
22

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

```

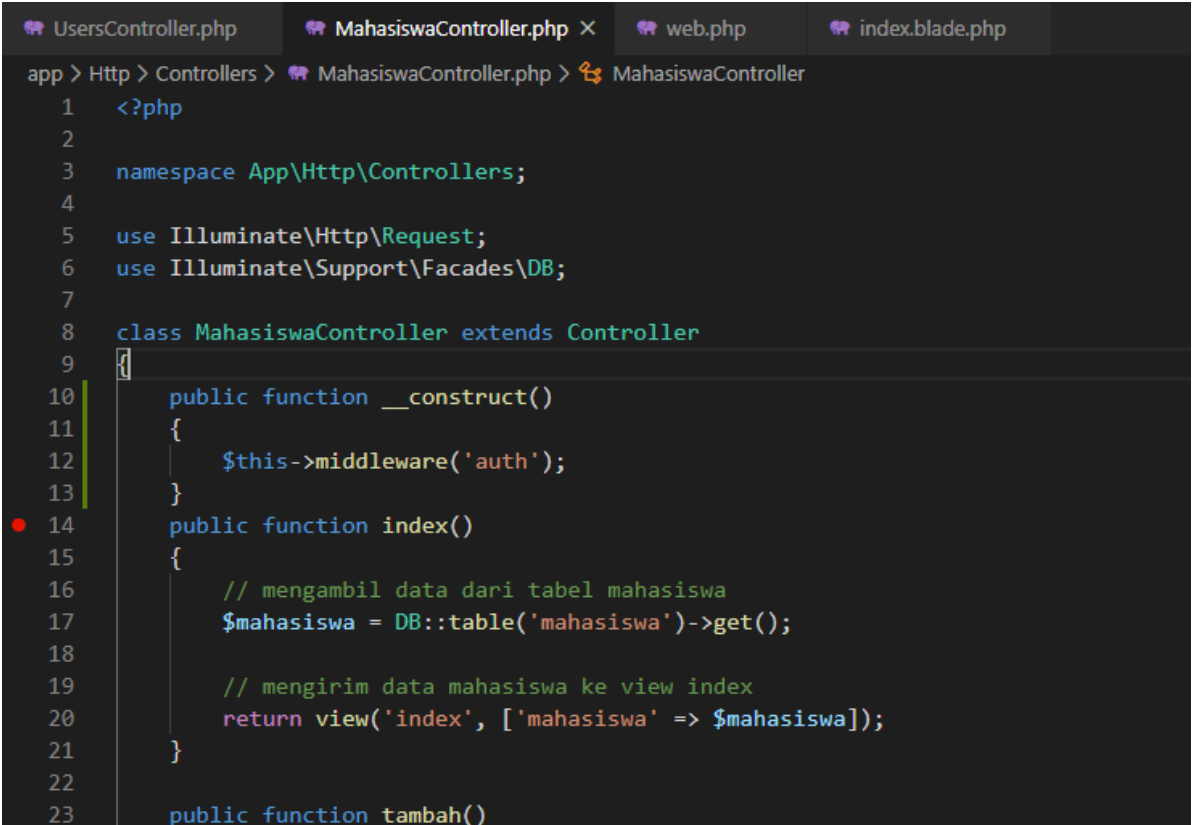
UsersController.php  web.php  index.blade.php X
resources > views > admin > users > index.blade.php > div.container > div.row.justify-content-center > div.col-md-8
1  @extends('layouts.app')
2
3  @section('content')
4  <div class="container">
5      <div class="row justify-content-center">
6          <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

```


23	<p>Hasil akhirnya akan seperti dibawah ini</p> 
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Tambahan tugas:

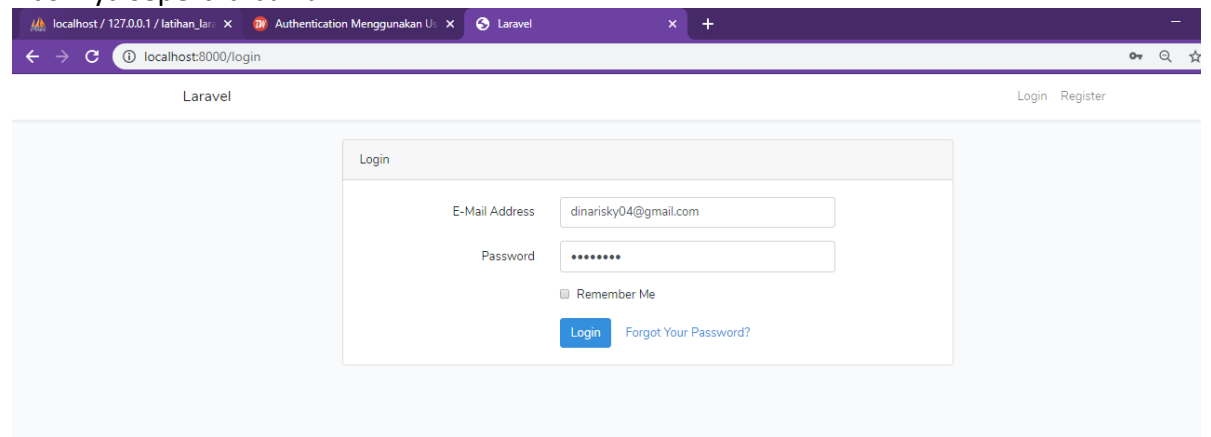
- Pertemuan minggu lalu atau ke-11 untuk membuka CRUDnya harus login terlebih dahulu, jika belum login tidak bisa melakukan CRUD

Langkah	Keterangan
1	<p>Tambahkan kode berikut ini pada MahasiswaController.php di app->Http->Controllers seperti pada line 10-13</p>  <pre> 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 23 public function tambah() </pre>
2	<p>Tambahkan kode pada index.blade.php di resources->views seperti dibawah ini</p>

```
UsersController.php X MahasiswaController.php index.blade.php X app.blade.php
resources > views > index.blade.php > ...
1 @extends('master')
2 @extends('layouts.app')
3
4 <!-- isi title -->
5 @section('title', 'Home')
6
7 <!-- isi bagian judul halaman -->
8 @section('judul_halaman', 'Data Mahasiswa')
9
10 <!-- isi bagian konten -->
```

3

Hasilnya seperti dibawah ini



Jika sudah login maka

