

# **LAPORAN PEMROGRAMAN WEB LANJUT**

**Login Laravel**



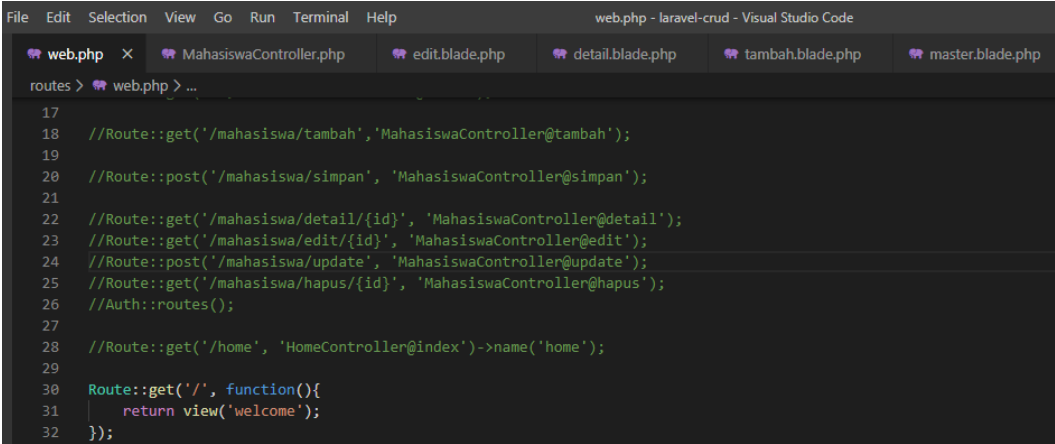
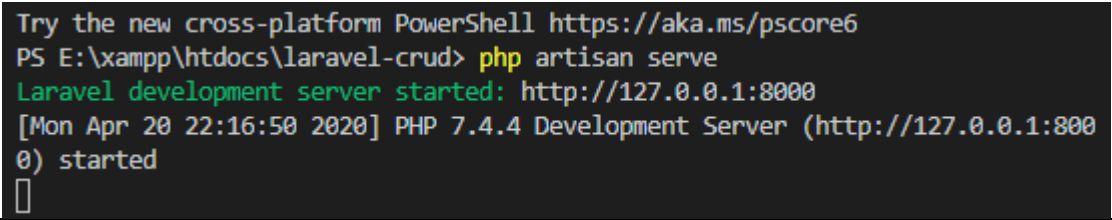
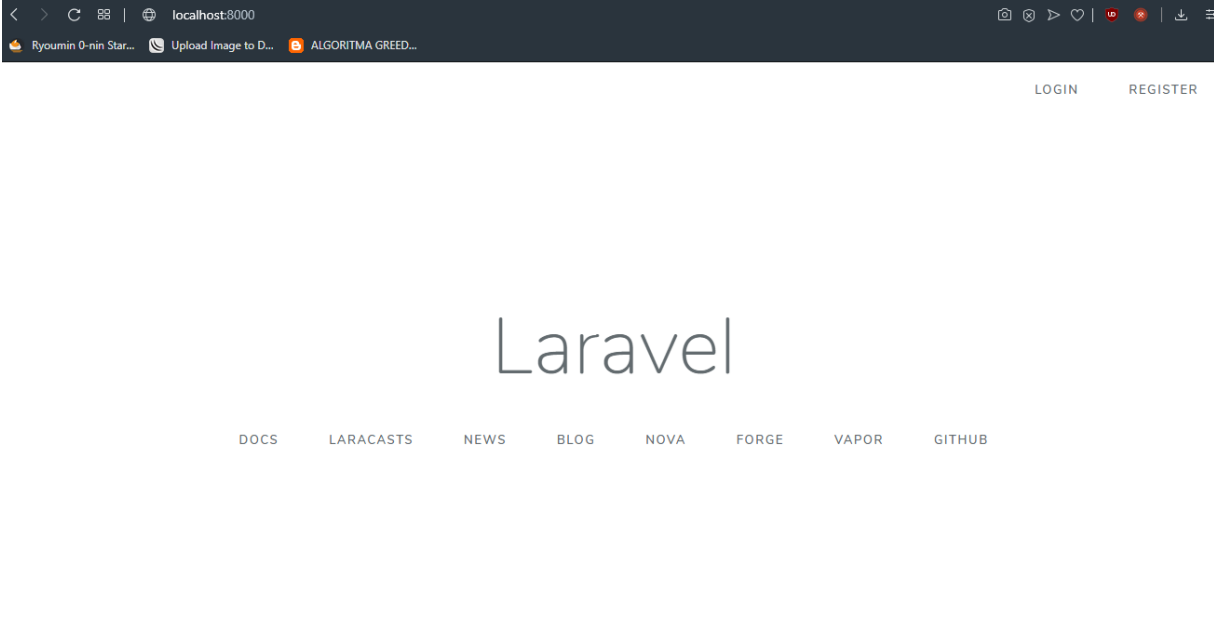
**Oleh :**

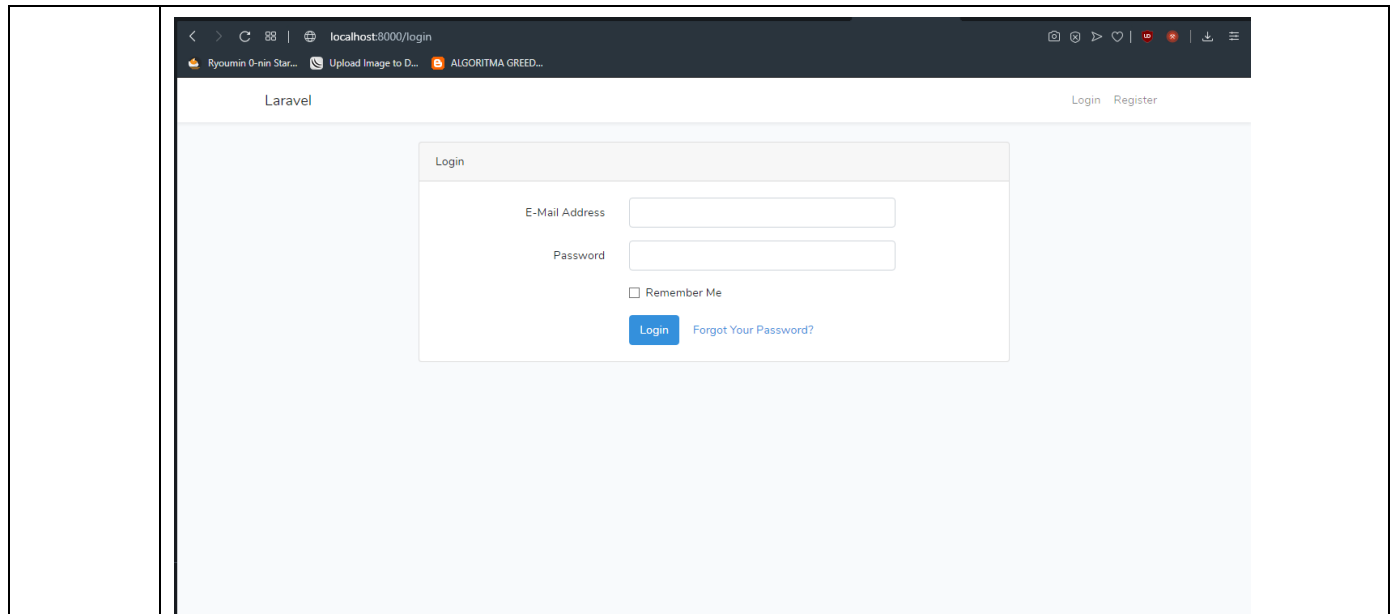
**MIRZA ZARQANI RAYHAN / NIM : 1841720205**

**PROGRAM STUDI TEKNIK INFORMATIKA  
JURUSAN TEKNOLOGI INFORMASI  
POLITEKNIK NEGERI MALANG  
APRIL 2020**

## Praktikum: Membuat Login di Laravel

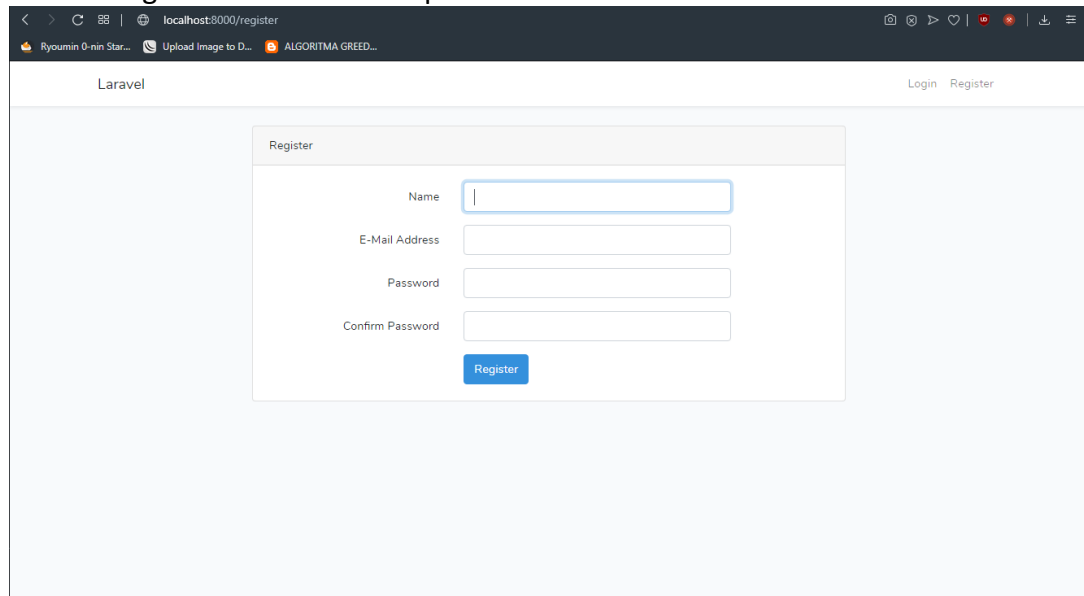
Langkah	Keterangan
1	Buka project Laravel "laravel-crud"
2	<p>Install UI dengan composer. Dengan cara di bawah ini</p> <pre>E:\xampp\htdocs\laravel-crud&gt;composer require laravel/ui Using version ^2.0 for laravel/ui ./composer.json has been updated Loading composer repositories with package information 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 &gt; Illuminate\Foundation\ComposerScripts::postAutoloadDump &gt; @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. 15 packages you are using are looking for funding. Use the `composer fund` command to find out more!</pre>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p> <pre>E:\xampp\htdocs\laravel-crud&gt;php artisan ui vue --auth Vue scaffolding installed successfully. Please run "npm install &amp;&amp; npm run dev" to compile your fresh scaffolding. Authentication scaffolding generated successfully.</pre>

4	<p>Buka file dan edit pada bagian routes-&gt;web.php. Seperti di bawah ini. Untuk script lainnya tetap, yang diubah hanya bagian <b>“Route::get('/')”</b></p>  <pre> 17 18 //Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah'); 19 20 //Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan'); 21 22 //Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail'); 23 //Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit'); 24 //Route::post('/mahasiswa/update', 'MahasiswaController@update'); 25 //Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus'); 26 //Auth::routes(); 27 28 //Route::get('/home', 'HomeController@index')-&gt;name('home'); 29 30 Route::get('/', function(){ 31     return view('welcome'); 32 }); </pre>
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p>  <pre> Try the new cross-platform PowerShell https://aka.ms/powershell PS E:\xampp\htdocs\laravel-crud&gt; php artisan serve Laravel development server started: http://127.0.0.1:8000 [Mon Apr 20 22:16:50 2020] PHP 7.4.4 Development Server (http://127.0.0.1:8000) started </pre>
6	<p>Buka linknya di browser, dengan mengetik <a href="http://localhost:8000/">http://localhost:8000/</a>. Setelah itu akan muncul seperti dibawah ini</p> 
7	<p>Jika klik login akan muncul seperti ini</p>



8

Jika klik register akan muncul seperti ini



9

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

```
E:\xampp\htdocs\laravel-crud>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (1.24 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (0.11 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.04 seconds)
```

10

Hasil setelah migrate, bisa dilihat di phpMyAdmin.

Structure

SQL

Search

Query

Export

Import

Operations

Privileges

Routines

Events

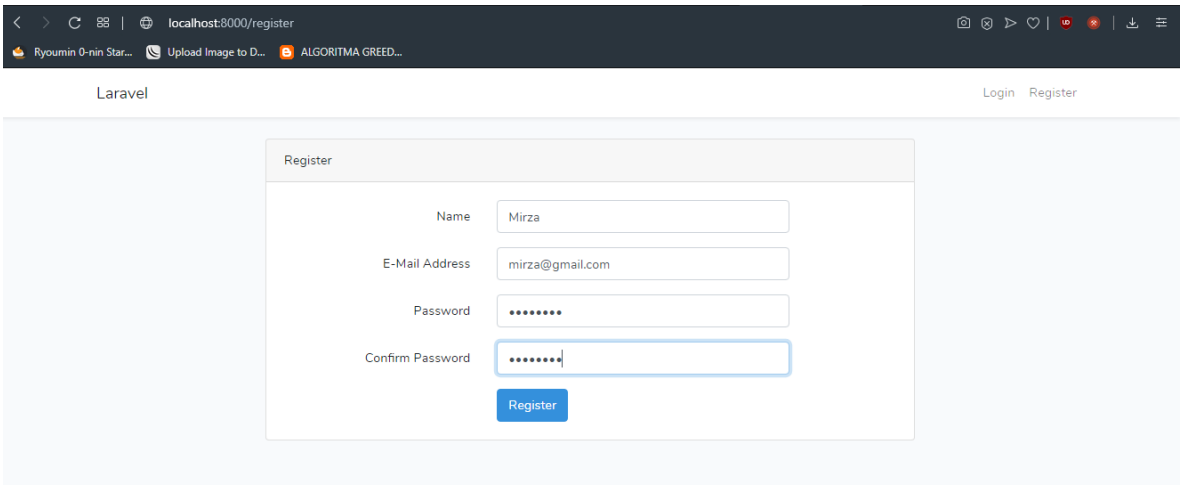
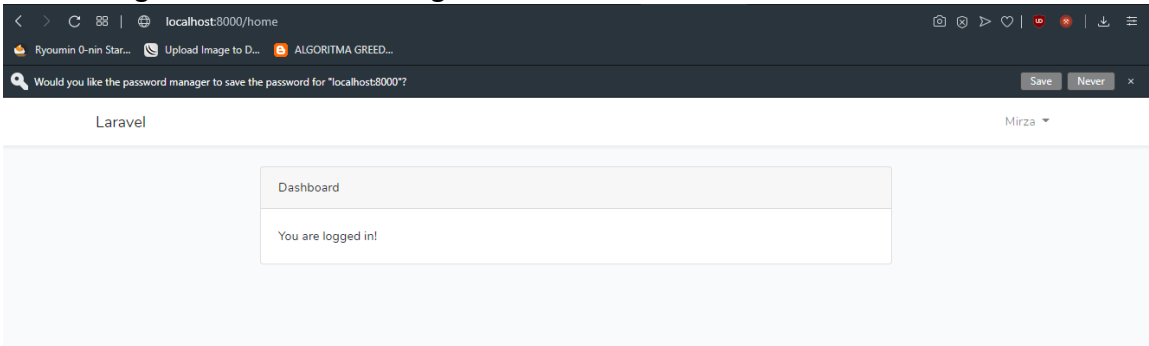
Filters




Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> failed_jobs	<div>★</div> <div>📄 Browse</div> <div>🔍 Structure</div> <div>🔍 Search</div> <div>➕ Insert</div> <div>🗑 Empty</div> <div>🚫 Drop</div>	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> mahasiswa	<div>★</div> <div>📄 Browse</div> <div>🔍 Structure</div> <div>🔍 Search</div> <div>➕ Insert</div> <div>🗑 Empty</div> <div>🚫 Drop</div>	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> migrations	<div>★</div> <div>📄 Browse</div> <div>🔍 Structure</div> <div>🔍 Search</div> <div>➕ Insert</div> <div>🗑 Empty</div> <div>🚫 Drop</div>	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> password_resets	<div>★</div> <div>📄 Browse</div> <div>🔍 Structure</div> <div>🔍 Search</div> <div>➕ Insert</div> <div>🗑 Empty</div> <div>🚫 Drop</div>	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> users	<div>★</div> <div>📄 Browse</div> <div>🔍 Structure</div> <div>🔍 Search</div> <div>➕ Insert</div> <div>🗑 Empty</div> <div>🚫 Drop</div>	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
5 tables	Sum	6	InnoDB	utf8mb4_general_ci	112.0 KiB	0 B

11

Klik menu registrasi dan isikan data sesuai keinginan

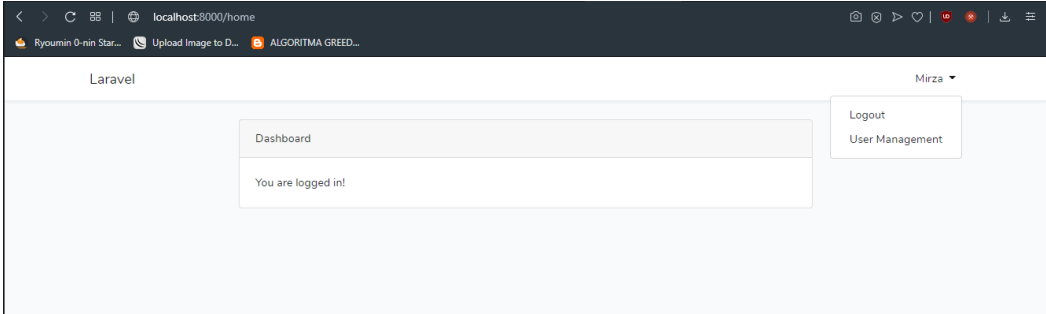
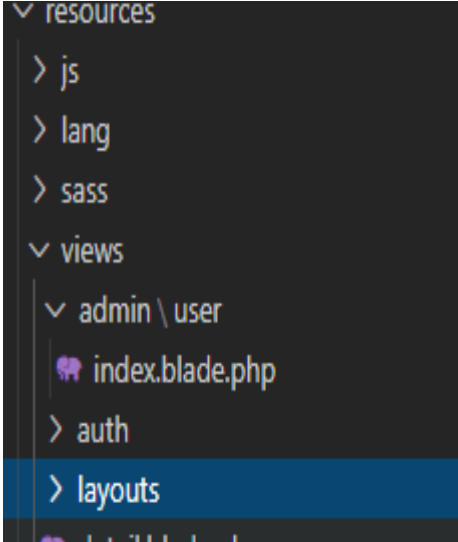
	
12	<p>Setelah register akan otomatis login</p> 
13	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p> <pre>C:\xampp\htdocs\laravel-crud&gt;php artisan make:controller \\Admin\\UsersController -r -mUser controller created successfully.</pre>
14	<p>Buka file <b>UsersController.php</b> pada “<b>app-&gt;Http-&gt;Controllers-&gt;Admin</b>” dan sisakan function index, edit, update, destroy</p>

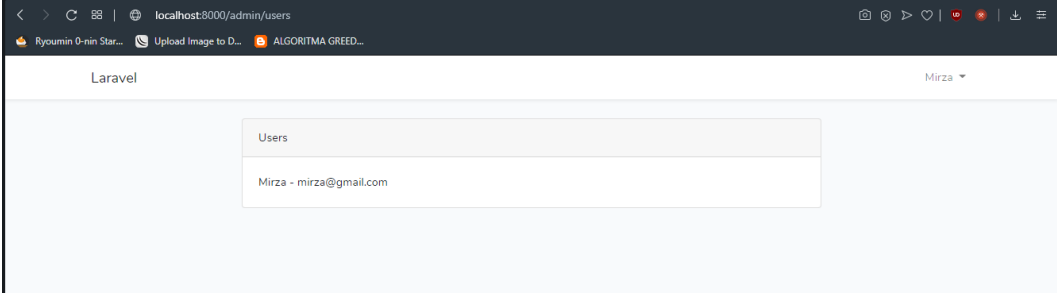
app > Http > Controllers > Admin >  UsersController.php > PHP Intelephense >  UsersController >  destroy

```
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 }
```

15	<p>Buka file web.php. Tambahkan script seperti pada line 43</p> <pre>15 Route::get('/', function(){ 16     return view('welcome'); 17 }); 18 19 Route::get('/', 'MahasiswaController@index'); 20 21 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah'); 22 23 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan'); 24 25 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail'); 26 27 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit'); 28 29 Route::post('/mahasiswa/update', 'MahasiswaController@update'); 30 31 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus'); 32 33 Auth::routes(); 34 35 Route::get('/home', 'HomeController@index')-&gt;name('home'); 36 Route::resource('/admin/users', 'Admin\UsersController', ['except' =&gt; ['show', 'create', 'store']]); 37</pre>																																																																																																																																																						
16	<p>Untuk cek route bisa menggunakan cara di bawah ini</p> <pre>E:\xampp\htdocs\laravel-crud&gt;php artisan route:list</pre> <table><thead><tr><th>Domain</th><th>Method</th><th>URI</th><th>Name</th><th>Action</th><th>Middleware</th></tr></thead><tbody><tr><td></td><td>GET   HEAD</td><td>/</td><td></td><td>App\Http\Controllers\MahasiswaController@index</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>admin/users</td><td>users.index</td><td>App\Http\Controllers\Admin\UsersController@index</td><td>web</td></tr><tr><td></td><td>DELETE</td><td>admin/users/{user}</td><td>users.destroy</td><td>App\Http\Controllers\Admin\UsersController@destroy</td><td>web</td></tr><tr><td></td><td>PUT   PATCH</td><td>admin/users/{user}</td><td>users.update</td><td>App\Http\Controllers\Admin\UsersController@update</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>admin/users/{user}/edit</td><td>users.edit</td><td>App\Http\Controllers\Admin\UsersController@edit</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>api/user</td><td></td><td>Closure</td><td>api,auth:api</td></tr><tr><td></td><td>GET   HEAD</td><td>home</td><td>home</td><td>App\Http\Controllers\HomeController@index</td><td>web,auth</td></tr><tr><td></td><td>GET   HEAD</td><td>login</td><td>login</td><td>App\Http\Controllers\Auth\LoginController@showLoginForm</td><td>web,guest</td></tr><tr><td></td><td>POST</td><td>login</td><td></td><td>App\Http\Controllers\Auth\LoginController@login</td><td>web,guest</td></tr><tr><td></td><td>POST</td><td>logout</td><td>logout</td><td>App\Http\Controllers\Auth\LoginController@logout</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>mahasiswa/detail/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@detail</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>mahasiswa/edit/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@edit</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>mahasiswa/hapus/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@hapus</td><td>web</td></tr><tr><td></td><td>POST</td><td>mahasiswa/simpan</td><td></td><td>App\Http\Controllers\MahasiswaController@simpan</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>mahasiswa/tambah</td><td></td><td>App\Http\Controllers\MahasiswaController@tambah</td><td>web</td></tr><tr><td></td><td>POST</td><td>mahasiswa/update</td><td></td><td>App\Http\Controllers\MahasiswaController@update</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>password/confirm</td><td>password.confirm</td><td>App\Http\Controllers\Auth\ConfirmPasswordController@showConfirmForm</td><td>web,auth</td></tr><tr><td></td><td>POST</td><td>password/confirm</td><td></td><td>App\Http\Controllers\Auth\ConfirmPasswordController@confirm</td><td>web,auth</td></tr><tr><td></td><td>POST</td><td>password/email</td><td>password.email</td><td>App\Http\Controllers\Auth\ForgotPasswordController@sendResetLinkEmail</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>password/reset</td><td>password.request</td><td>App\Http\Controllers\Auth\ForgotPasswordController@showLinkRequestForm</td><td>web</td></tr><tr><td></td><td>POST</td><td>password/reset</td><td>password.update</td><td>App\Http\Controllers\Auth\ResetPasswordController@reset</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>password/reset/{token}</td><td>password.reset</td><td>App\Http\Controllers\Auth\ResetPasswordController@showResetForm</td><td>web</td></tr><tr><td></td><td>GET   HEAD</td><td>register</td><td>register</td><td>App\Http\Controllers\Auth\RegisterController@showRegistrationForm</td><td>web,guest</td></tr><tr><td></td><td>POST</td><td>register</td><td></td><td>App\Http\Controllers\Auth\RegisterController@register</td><td>web,guest</td></tr></tbody></table>	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
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	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																																																																																																																																																		
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	GET   HEAD	login	login	App\Http\Controllers\Auth\LoginController@showLoginForm	web,guest																																																																																																																																																		
	POST	login		App\Http\Controllers\Auth\LoginController@login	web,guest																																																																																																																																																		
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	GET   HEAD	mahasiswa/edit/{id}		App\Http\Controllers\MahasiswaController@edit	web																																																																																																																																																		
	GET   HEAD	mahasiswa/hapus/{id}		App\Http\Controllers\MahasiswaController@hapus	web																																																																																																																																																		
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	GET   HEAD	mahasiswa/tambah		App\Http\Controllers\MahasiswaController@tambah	web																																																																																																																																																		
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	POST	register		App\Http\Controllers\Auth\RegisterController@register	web,guest																																																																																																																																																		
17	<p>Masuk ke file “app.blade.php” pada “resources-&gt;views-&gt;layouts” tambahkan script seperti line 65-67</p>																																																																																																																																																						



	 <pre> 43 @guest 44 &lt;li class="nav-item"&gt; 45   &lt;a class="nav-link" href="{{ route('login') }}"&gt;{{ __('Login') }}&lt;/a&gt; 46 &lt;/li&gt; 47 @if (Route::has('register')) 48   &lt;li class="nav-item"&gt; 49     &lt;a class="nav-link" href="{{ route('register') }}"&gt;{{ __('Register') }}&lt;/a&gt; 50   &lt;/li&gt; 51 @endif 52 @else 53   &lt;li class="nav-item dropdown"&gt; 54     &lt;a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"&gt; 55       {{ Auth::user()-&gt;name }} &lt;span class="caret"&gt;&lt;/span&gt; 56     &lt;/a&gt; 57     &lt;div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown"&gt; 58       &lt;a class="dropdown-item" href="{{ route('logout') }}" 59         onclick="event.preventDefault(); 60           document.getElementById('logout-form').submit();" 61       &gt;{{ __('Logout') }} 62     &lt;/a&gt; 63     &lt;a class="dropdown-item" href="{{ route('users.index') }}"&gt; 64       User Management 65     &lt;/a&gt; 66   &lt;/li&gt; 67   &lt;form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;"&gt; 68     @csrf 69   &lt;/form&gt; 70 &lt;/div&gt; 71 @endguest 72 &lt;/ul&gt; 73 &lt;/div&gt; 74 75 76 </pre>
18	<p>Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management</p> 
19	<p>Buat sebuah file <b>"index.blade.php"</b> di dalam folder users dengan membuat folder baru <b>"admin dan users"</b> pada <b>"resources-&gt;views"</b></p> 

20	<p>Tulis script seperti line 18-19, pada file “<b>UsersController.php</b>” pada “<b>app-&gt;Http-&gt;Controllers-&gt;Admin</b>”</p> <pre>public function index() {     \$users = User::all();     return view('admin.user.index')-&gt;with('users', \$users); }</pre>
21	<p>Buka file “<b>index.blade.php</b>” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p> <pre>1 @extends('layouts.app') 2 3 @section('content') 4 &lt;div class="container"&gt; 5     &lt;div class="row justify-content-center"&gt; 6         &lt;div class="col-md-8"&gt; 7             &lt;div class="card"&gt; 8                 &lt;div class="card-header"&gt; 9                     Users 10                &lt;/div&gt; 11                &lt;div class="card-body"&gt; 12                    @foreach (\$users as \$user) 13                        {{ \$user-&gt;name }} - {{ \$user-&gt;email }} 14                    @endforeach 15                &lt;/div&gt; 16            &lt;/div&gt; 17        &lt;/div&gt; 18    &lt;/div&gt; 19 &lt;/div&gt; 20 @endsection</pre>
22	<p>Hasil akhirnya akan seperti dibawah ini</p> 

### Tambahan tugas:

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

1

Membuat Route middleware dengan group function berisikan seluruh Route aksi CRUD

```
25 Route::middleware('auth')->group(function () {
26     Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
27     Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
28     Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
29     Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
30     Route::post('/mahasiswa/update', 'MahasiswaController@update');
31     Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
32 });
```

2

Pada App/Providers/RouteServiceProvider.php edit seperti digambar

```
24 public const HOME = '/';
```

3

Masih dapat diakses data mahasiswa

Data Mahasiswa

Tambah Data Mahasiswa

Nama	NIM	Aksi
Mirza	1001001001	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
Wahyu	1001001002	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
Marsha	1001001003	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>

4

Tetapi saat ingin melakukan CRUD maka harus login terlebih dahulu

localhost:8000

Ryounin 0-nin Star... Upload Image to D... ALGORITMA GREED...

Data Mahasiswa

Tambah Data Mahasiswa

Nama	NIM	Aksi
Mirza	1001001001	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
Wahyu	1001001002	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
Marsha	1001001003	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>

localhost:8000/login

Laravel Login Register

Login

E-Mail Address

Password

☐ Remember Me

[Login](#) [Forgot Your Password?](#)