

**LAPORAN PRAKTIKUM
PEMROGRAMAN WEB LANJUT**

**Jobsheet - 12
Membuat Login menggunakan Laravel**



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**POLITEKNIK NEGERI MALANG
JURUSAN TEKNOLOGI INFORMASI
PROGRAM STUDI D4 TEKNIK INFORMATIKA**

APRIL 2020

Topik

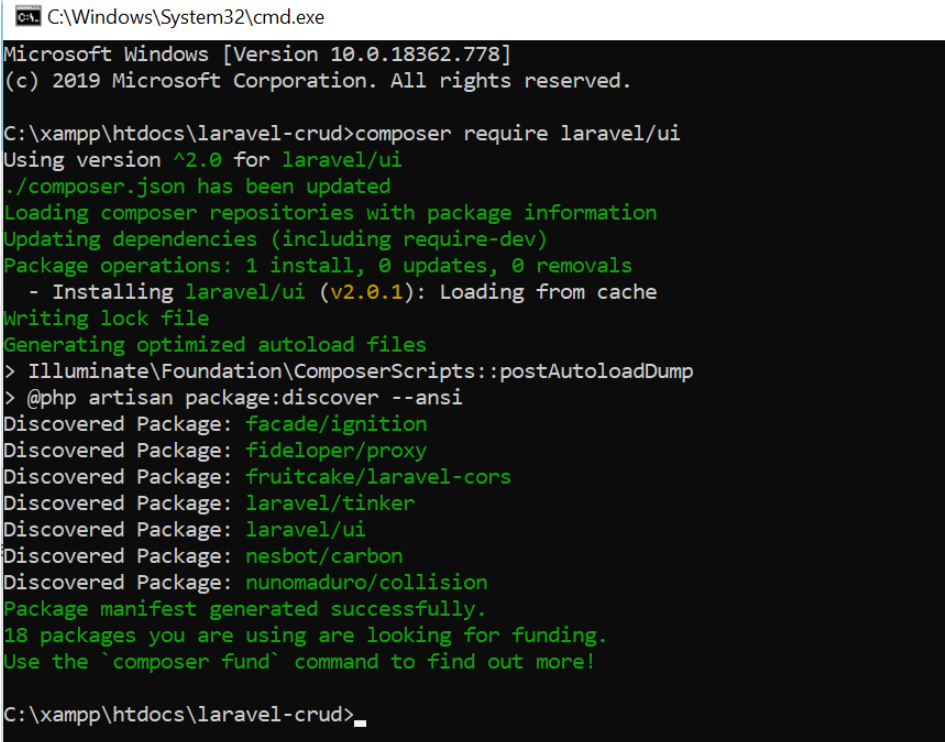
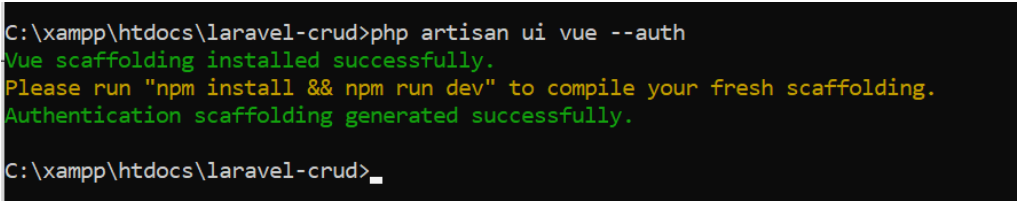
Membuat Login dengan Framework Laravel

Tujuan

Mahasiswa diharapkan dapat:

1. Memahami bagaimana konfigurasi auth menggunakan Laravel
2. Memahami bagaimana migrate ke database menggunakan Laravel

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>C:\Windows\System32\cmd.exe Microsoft Windows [Version 10.0.18362.778] (c) 2019 Microsoft Corporation. All rights reserved. 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): Loading from cache 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. C:\xampp\htdocs\laravel-crud></pre>

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> 12 contains the "web" middleware group. Now create something 13 14 */ 15 16 Route::get('/', function () { 17 return view('welcome'); 18 }); 19 Auth::routes(); </pre>
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p>  <pre> C:\xampp\htdocs\laravel-crud>php artisan serve Laravel development server started: http://127.0.0.1:8000 </pre>
6	<p>Buka linknya di browser, dengan mengetik http://localhost:8000/. Setelah itu akan muncul seperti dibawah ini</p> 
7	<p>Jika klik login akan muncul seperti ini</p> 

Jika halaman login tampil seperti diatas, maka kita harus menginstall **npm** dengan klik link ini <https://www.npmjs.com/get-npm> dan 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](#)

Pilih jenis 12.16.2 LTS

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](#)

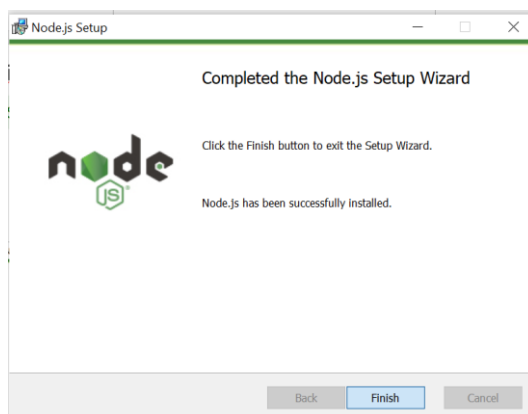
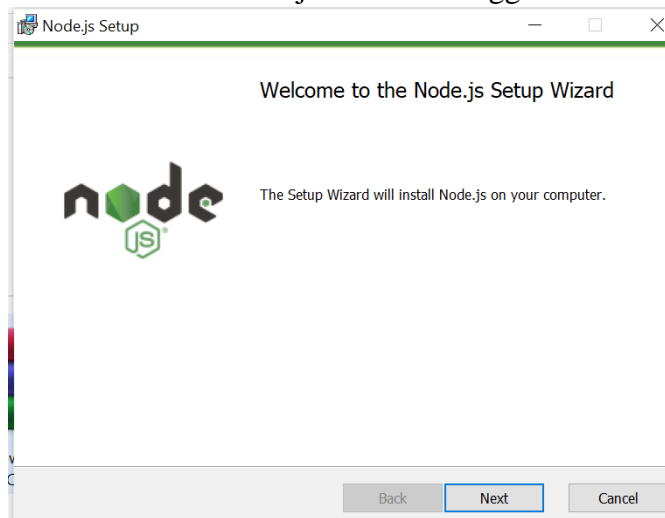
[Other Downloads](#)

[Changelog](#)

[API Docs](#)

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

Kemudian instal node.js klik next hingga selesai



Lalu buka terminal di vscode dan ketik **npm install && npm run dev**

```
C:\xampp\htdocs\laravel-crud>npm install && npm run dev
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"})

audited 17968 packages in 7.987s

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

found 0 vulnerabilities

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

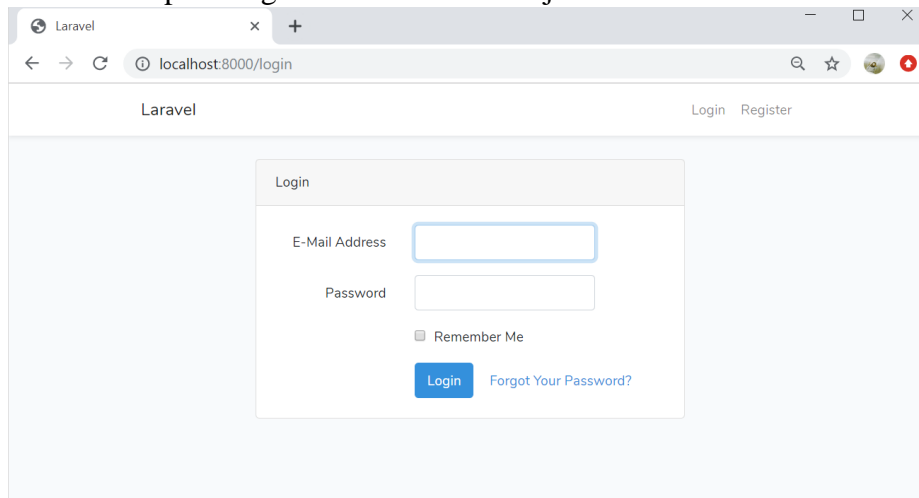
> @ development C:\xampp\htdocs\laravel-crud
> cross-env NODE_ENV=development node_modules\webpack\bin\webpack.js --progress --hide-modules --config=node_modules/lar
avel-mix/setup/webpack.config.js

98% after emitting SizeLimitsPlugin

DONE Compiled successfully in 10611ms                                00:26:21

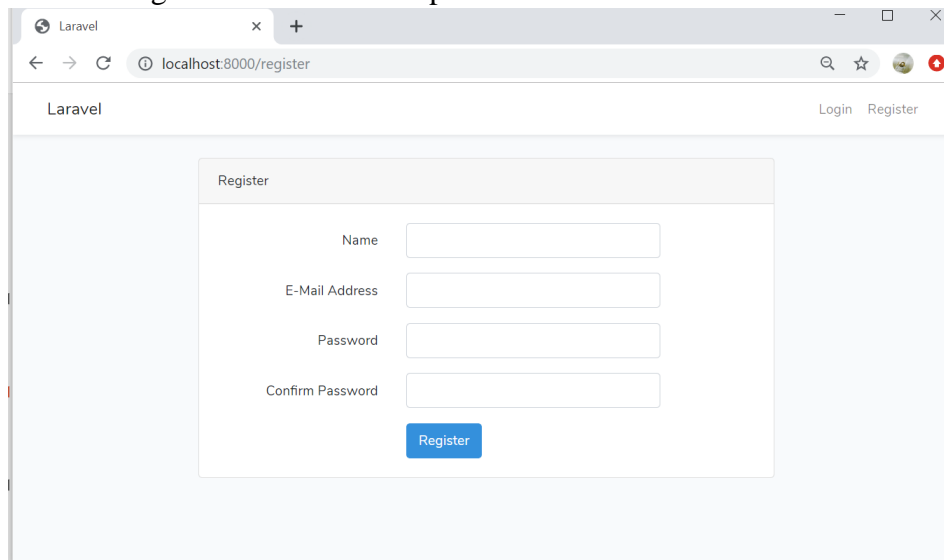
   Asset      Size      Chunks             Chunk Names
  /css/app.css  177 KiB       0  [emitted]      /js/app
  /js/app.js    1.4 MiB       0  [emitted]      /js/app
```

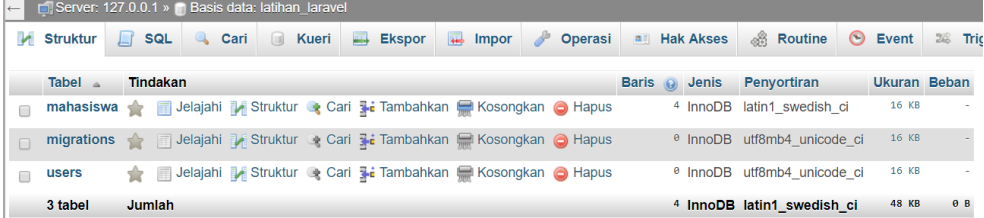
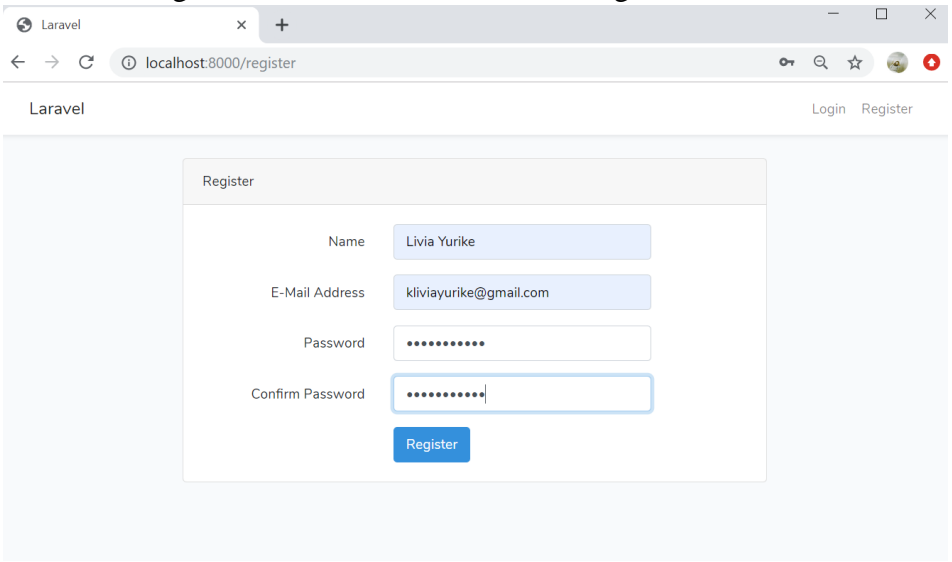
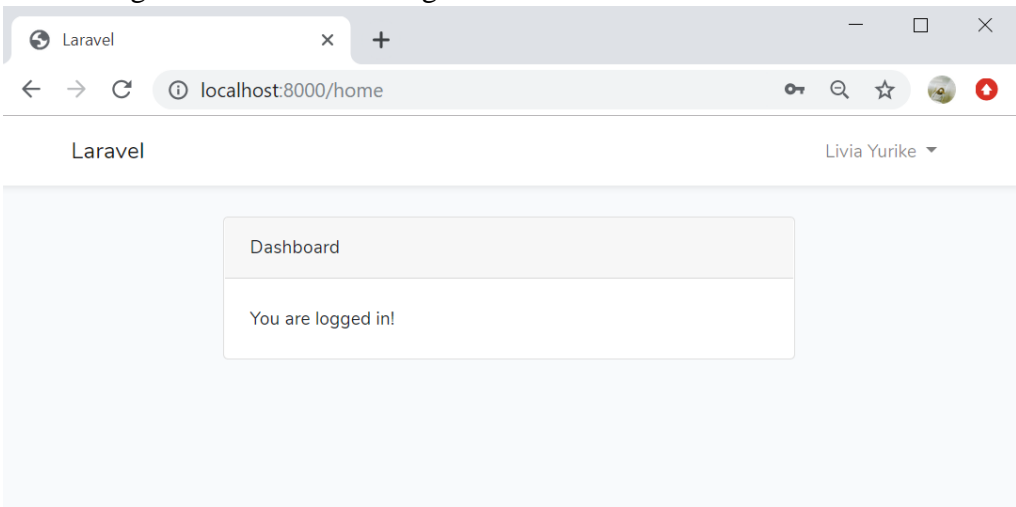
Refresh tampilan login akan berubah menjadi :



8

Jika klik register akan muncul seperti ini

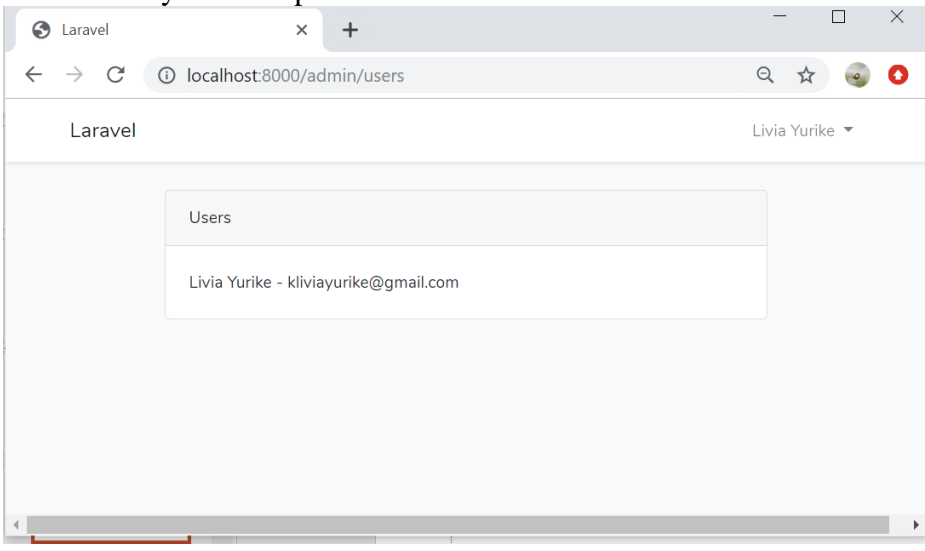


9	<p>Untuk menambahkan table users ke dalam mysql, gunakan perintah dibawah.</p> <pre>C:\xampp\htdocs\laravel-crud>php artisan migrate Migration table created successfully. Migrating: 2014_10_12_000000_create_users_table</pre>
10	<p>Hasil setelah migrate, bisa dilihat di phpMyAdmin.</p>  <p>The screenshot shows the phpMyAdmin interface for the 'latin1_swedish_ci' database. It lists three tables: 'mahasiswa', 'migrations', and 'users'. The 'users' table is highlighted, showing its structure and size.</p>
11	<p>Klik menu registrasi dan isikan data sesuai keinginan</p>  <p>The screenshot shows the Laravel registration form. The fields are filled with: Name: Livia Yurike, E-Mail Address: kliviayurike@gmail.com, Password: [masked], and Confirm Password: [masked]. The 'Register' button is visible at the bottom.</p>
12	<p>Setelah register akan otomatis login</p>  <p>The screenshot shows the Laravel dashboard after registration. It displays a 'Dashboard' heading and a message 'You are logged in!' in a green box. The user's name 'Livia Yurike' is visible in the top right corner.</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	<p>Buka file UsersController.php pada “app->Http->Controllers->Admin” dan sisakan function index, edit, update, destroy</p> <pre> 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 21 /** 22 * Show the form for editing the specified resource. 23 * 24 * @param \App\User \$user 25 * @return \Illuminate\Http\Response 26 */ 27 public function edit(User \$user) 28 { 29 // 30 } 31 32 /** 33 * Update the specified resource in storage. 34 * 35 * @param \Illuminate\Http\Request \$request 36 * @param \App\User \$user 37 * @return \Illuminate\Http\Response 38 */ 39 public function update(Request \$request, User \$user) 40 { 41 // 42 } 43 44 /** 45 * Remove the specified resource from storage. 46 * 47 * @param \App\User \$user 48 * @return \Illuminate\Http\Response 49 */ 50 public function destroy(User \$user) 51 { 52 // 53 } 54 } 55 </pre>

15	<p>Buka file web.php. Tambahkan script seperti pada line 43</p> <pre>34 Auth::routes(); 35 36 Route::get('/home', 'HomeController@index')->name('home'); 37 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]); 38</pre>																																																																																																																																										
16	<p>Untuk cek route bisa menggunakan cara di bawah ini</p> <pre>C:\xampp\htdocs\laravel>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>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>login</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>POST</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>POST</td><td>register</td><td>register</td><td>App\Http\Controllers\Auth\RegisterController@register</td><td>web,guest</td></tr></tbody></table> <pre>C:\xampp\htdocs\laravel>php artisan route:list</pre>	Domain	Method	URI	Name	Action	Middleware		GET HEAD	/		App\Http\Controllers\MahasiswaController@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	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		POST	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		POST	register	register	App\Http\Controllers\Auth\RegisterController@register	web,guest
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17	<p>Masuk ke file “app.blade.php” pada “resources->views->layouts” tambahkan script seperti line 65-67</p> <pre>41 <!-- Right Side Of Navbar --> 42 <ul class="navbar-nav ml-auto"> 43 <!-- Authentication Links --> 44 @guest 45 <li class="nav-item"> 46 {{ __('login') }} 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 name }} 57 58 <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown"> 59 {{ __('logout') }} 60 61 &#160;User Management 62 63 </div> 64 65 66 @endguest 67 </div></pre>																																																																																																																																										
18	<p>Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management</p> 																																																																																																																																										

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 22 /** 23 * Show the form for editing the specified resource. 24 * 25 * @param \App\User \$user 26 * @return \Illuminate\Http\Response 27 */ </pre>
21	<p>Buka file “index.blade.php” 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 <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 </pre>

22	<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>Buatlah function construct didalam file controller MahasiswaController.php</p> <pre> app > Http > Controllers > MahasiswaController.php > PHP Intelephense > MahasiswaController 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 15 public function index() 16 { 17 // mengambil data dari tabel mahasiswa 18 \$mahasiswa = DB::table('mahasiswa')->get(); 19 20 // mengirim data mahasiswa ke view index 21 return view('index', ['mahasiswa' => \$mahasiswa]); 22 } 23 </pre>
2	<p>Buka file app.blade.php pada resource->views->layouts. Kemudian tambahkan script dibawah ini (line 69-71)</p> <pre> 64 65 66 User Management 67 68 69 70 Mahasiswa 71 72 73 <form id="logout-form" action="{{ route('logout') }}" method="POST" style= 74 @csrf 75 </form> 76 </div> 77 </pre>

3	<p>Buka web.php pada folder routes->web.php. Ubahlah route get(/) menjadi (/mahasiswa) dibagian MahasiswaController@index</p> <pre> 15 16 Route::get('/', function () { 17 return view('welcome'); 18 }); 19 20 Route::get('/', 'MahasiswaController@index'); 21 15 16 ✓ Route::get('/', function () { 17 return view('welcome'); 18 }); 19 20 Route::get('/mahasiswa', 'MahasiswaController@index'); 21 </pre>
4	<p>Lalu tambahkan extends pada index.blade.php pada folder resources – views – index.blade.php</p> <pre> resources > views > index.blade.php > ... 1 @extends('master') 2 3 @extends('layouts.app') 4 5 <!-- isi title --> 6 @section('title', 'Home') 7 8 <!-- isi bagian judul halaman --> 9 @section('judul_halaman', 'Data Mahasiswa') 10 </pre>
4	<p>Buka Kembali localhost:8000 , jika anda belum Login maka anda harus melakukan login terlebih dahulu dan ketika berhasil login maka akan otomatis menuju halaman localhost:8000/mahasiswa dan bisa melakukan crud</p> 

Lakukan login untuk menuju ke halaman crud atau registrasi dahulu jika belum memiliki akun

Laravel Login Register

Login

E-Mail Address

kliviayurike@gmail.com

Password

.....

☐ Remember Me

Login

Forgot Your Password?

Laravel Livia Yurike

Dashboard

You are logged in!

Home

localhost:8000/mahasiswa

Data Mahasiswa		
Tambah Data Mahasiswa		
Nama	NIM	
nanda eka	1001001001	Detail Edit Hapus
wahyu	1001001002	Detail Edit Hapus
marsha	1001001003	Detail Edit Hapus
livia yurike	1001001004	Detail Edit Hapus