

## LAPORAN PRATIKUM PEMOGRAMAN WEB LANJUT

### JOBSHEET 11 – Membuat Login Menggunakan Laravel



DISUSUN OLEH :

NAMA : MARDHIYAH MILLANIA

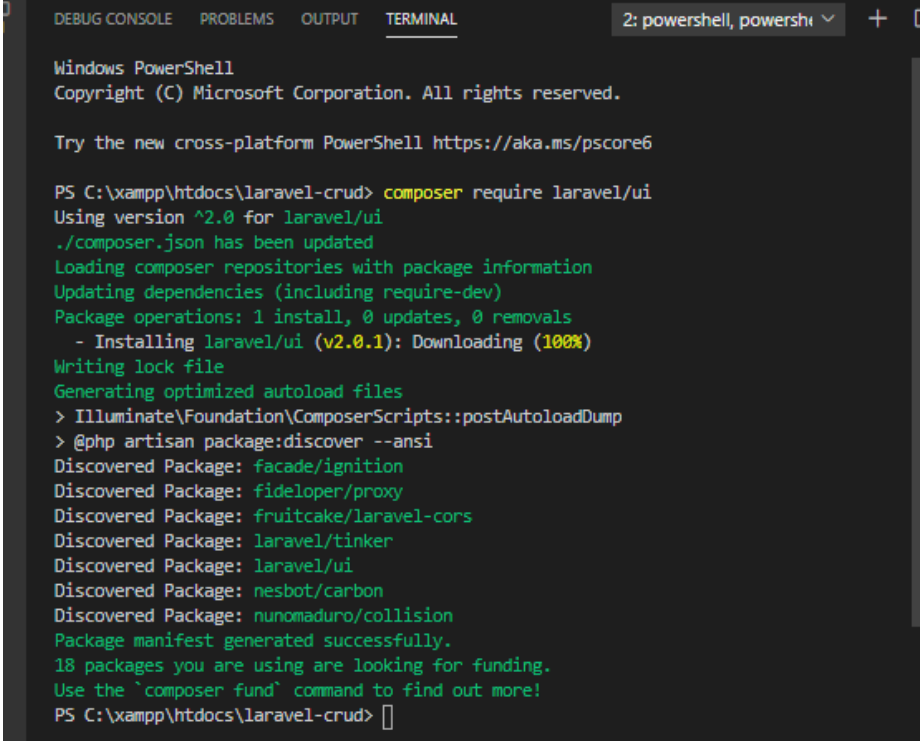
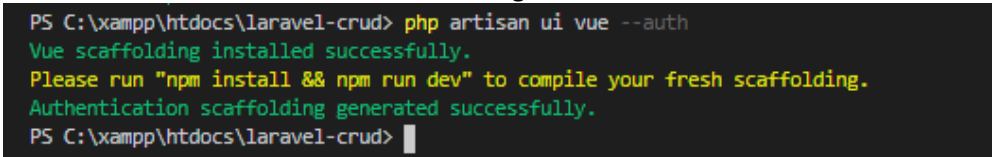
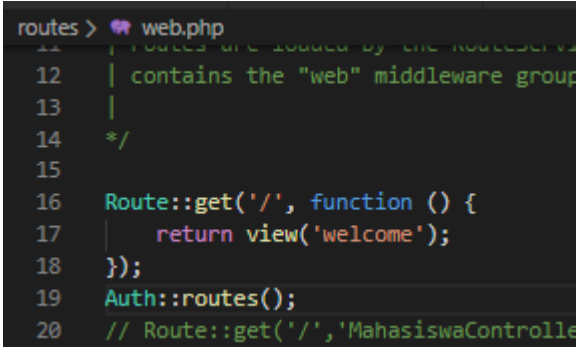
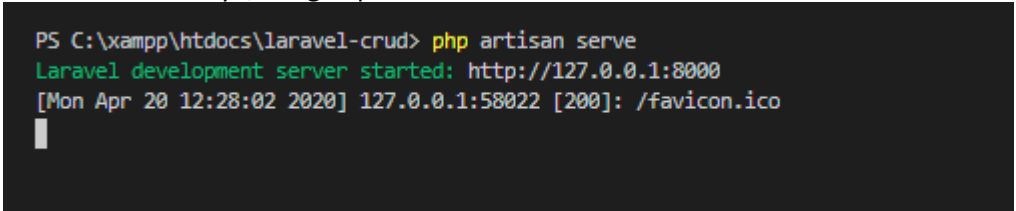
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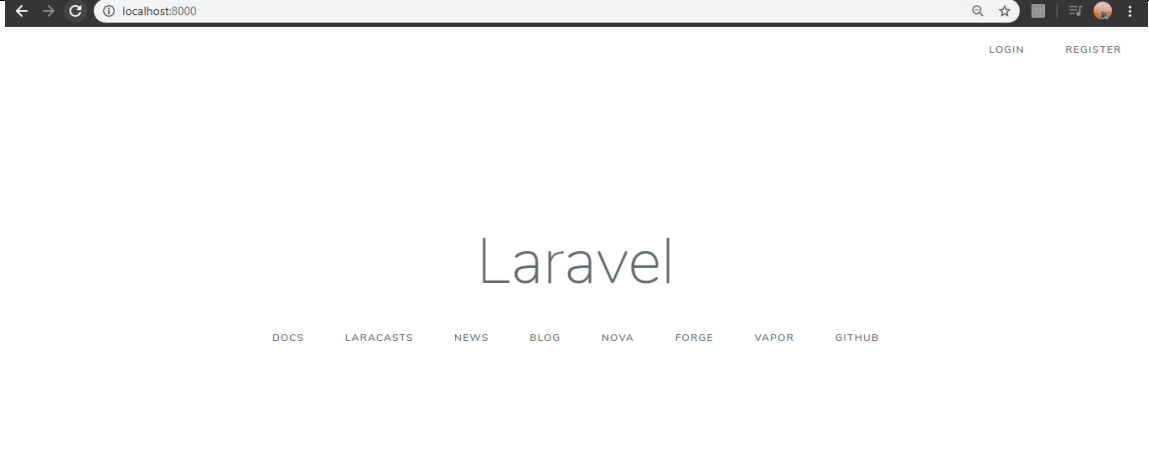
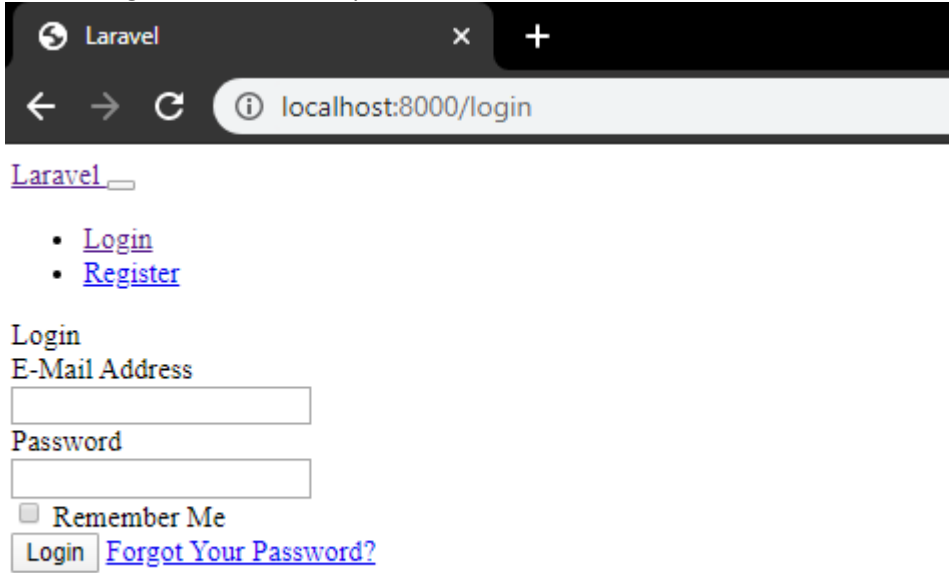
PRODI : D-4 TEKNIK INFORMATIKA

NIM :1841720081

ABSEN : 19

## Praktikum: Membuat Login di Laravel

No	Langkah
1	Buka project Laravel "laravel-crud"
2	<p>Install UI dengan composer. Dengan cara di bawah ini</p>  <pre> Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved.  Try the new cross-platform PowerShell https://aka.ms/pscore6  PS C:\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. 18 packages you are using are looking for funding. Use the `composer fund` command to find out more! PS C:\xampp\htdocs\laravel-crud&gt; </pre>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini</p>  <pre> PS C:\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. PS C:\xampp\htdocs\laravel-crud&gt; </pre>
4	<p>Buka file dan edit pada bagian routes-&gt;web.php. Seperti di bawah ini. Untuk script lainnya tetap, yand diubah hanya bagian "Route::get('/')"</p>  <pre> routes &gt; web.php 11   Routes are loaded by the RouteServiceProvider 12   contains the "web" middleware group 13   14   */ 15   16   Route::get('/', function () { 17       return view('welcome'); 18   }); 19   Auth::routes(); 20   // Route::get('/', 'MahasiswaController </pre>
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p>  <pre> PS C:\xampp\htdocs\laravel-crud&gt; php artisan serve Laravel development server started: http://127.0.0.1:8000 [Mon Apr 20 12:28:02 2020] 127.0.0.1:58022 [200]: /favicon.ico </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>  <p>Jika halaman login seperti diatas, maka kita harus menginstall terlebih dahulu npm <a href="https://www.npmjs.com/get-npm">https://www.npmjs.com/get-npm</a> dan klik download Node.js and npm</p> <p>Install npm</p> <p><b>npm is installed with Node.js</b></p> <p>npm is distributed with <b>Node.js</b>- which means that when you download Node.js, you automatically get npm installed on your computer.</p> <p><a href="#">Download Node.js and npm</a></p> <p>Pilih jenis 12.16.2 LTS</p>

nodejs.org/en/

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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.

Sign up for Node.js Everywhere, the official Node.js Monthly Newsletter.

Kemudian lakukan penginstallan node.js klik next hingga selesai

Node.js Setup

Welcome to the Node.js Setup Wizard

 The Setup Wizard will install Node.js on your computer.

Back Next Cancel

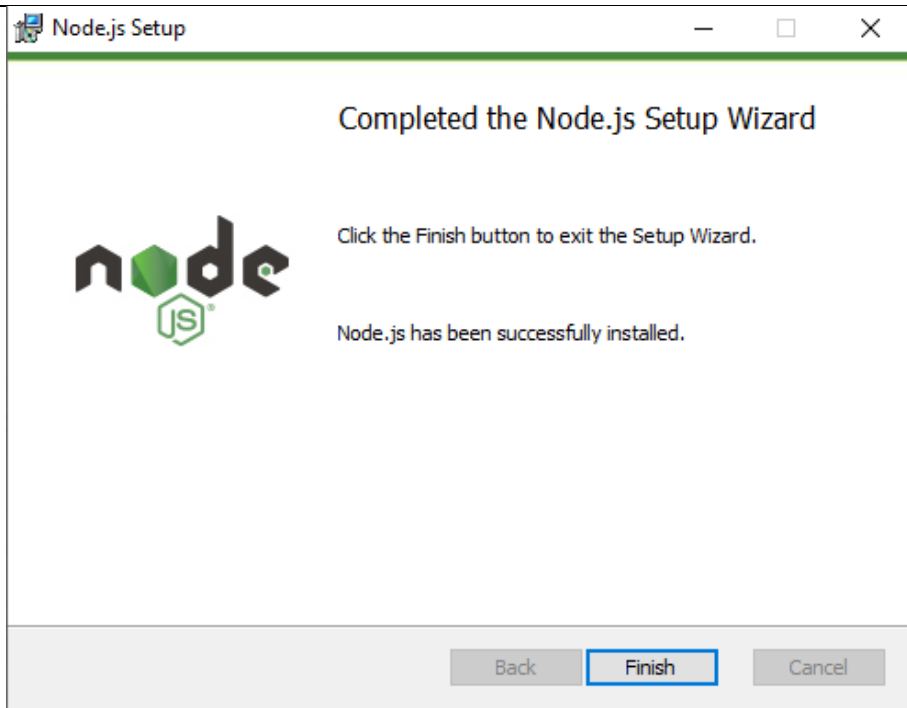
Node.js Setup

Installing Node.js

Please wait while the Setup Wizard installs Node.js.

Status:

Back Next Cancel



Lalu buka terminal di vscode dan ketikkan :

```

DEBUG CONSOLE  PROBLEMS  OUTPUT  TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\xampp\htdocs\laravel-crud> npm install && npm run dev
+ npm install && npm run dev
+
The token '&&' is not a valid statement separator in this version.
+ CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
+ FullyQualifiedErrorId : InvalidEndOfLine

PS C:\xampp\htdocs\laravel-crud> npm install
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this pack
age 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"})

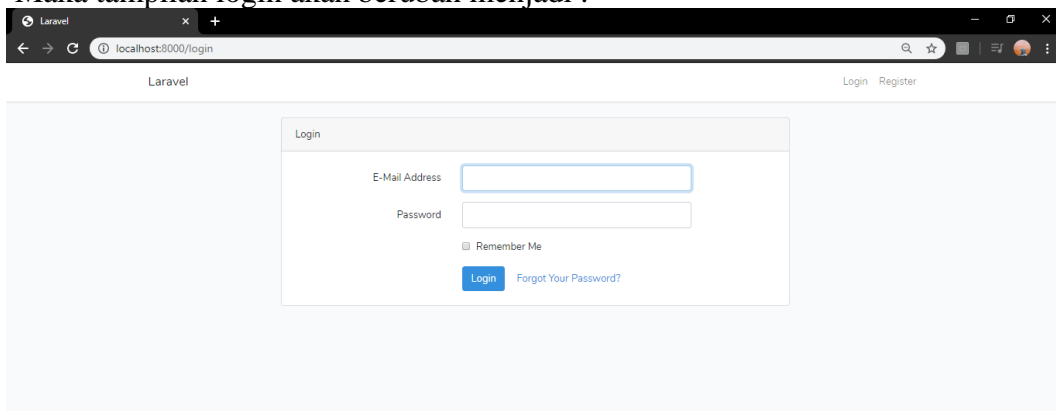
added 1072 packages from 493 contributors and audited 17968 packages in 50.636s

36 packages are looking for funding
  run 'npm fund' for details
DONE Compiled successfully in 15180ms
1:32:02 PM
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
PS C:\xampp\htdocs\laravel-crud> php artisan serve

Laravel development server started: http://127.0.0.1:8000

```

Maka tampilan login akan berubah menjadi :



8

Jika klik register akan muncul seperti ini

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

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

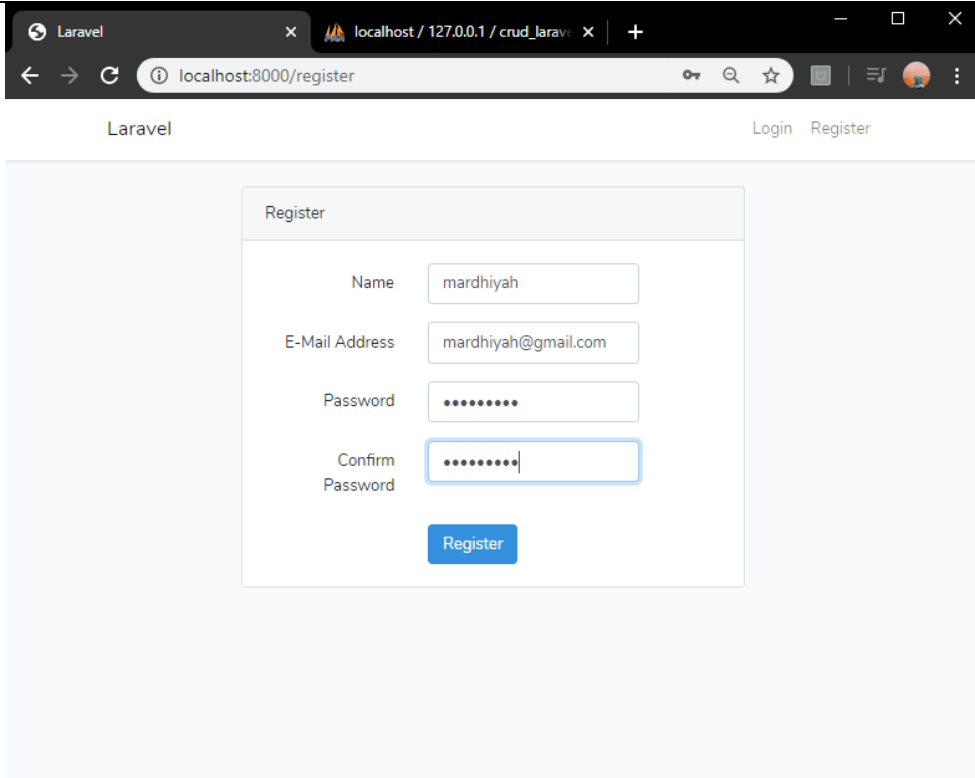
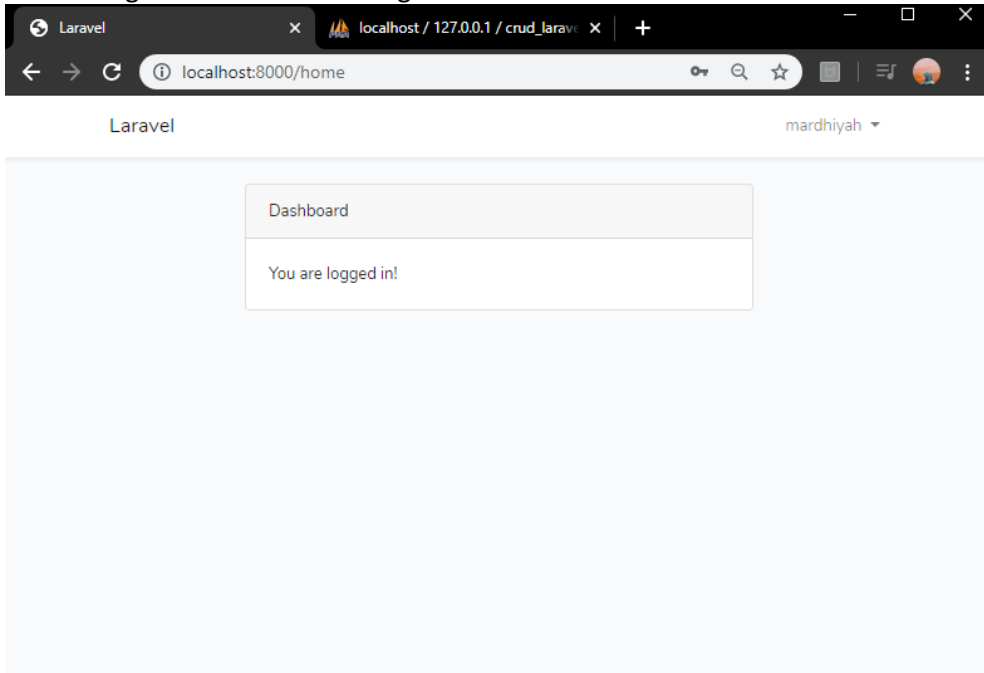
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\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 (0.04 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (0.03 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.01 seconds)
PS C:\xampp\htdocs\laravel-crud>
```

10 Hasil setelah migrate, bisa dilihat di phpMyAdmin.

Table	Action	Rows	Type	Collation
failed_jobs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_...
mahasiswa	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8_gene...
migrations	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_...
password_resets	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_...
users	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_...
5 tables	Sum	7	InnoDB	utf8_gene...

11 Klik menu registrasi dan isikan data sesuai keinginan

	 <p>Register</p> <p>Name: mardhiyah</p> <p>E-Mail Address: mardhiyah@gmail.com</p> <p>Password: .....</p> <p>Confirm Password: .....</p> <p>Register</p>	
12	<p>Setelah register akan otomatis login</p>  <p>Dashboard</p> <p>You are logged in!</p> <p>mardhiyah</p>	
13	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p> <pre>PS C:\xampp\htdocs\laravel-crud&gt; php artisan make:controller \Admin\UsersController -r -mUser Controller created successfully. PS C:\xampp\htdocs\laravel-crud&gt;</pre>	
14	<p>Buka file UsersController.php pada "app-&gt;Http-&gt;Controllers-&gt;Admin" dan sisakan function index, edit, update, destroy</p>	

```

app > Http > Controllers > Admin > UsersController.php
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      /**
23       * Show the form for editing the specified resource.
24       *
25       * @param \App\User $user
26       * @return \Illuminate\Http\Response
27       */
28      public function edit(User $user)
29      {
30          //
31      }
32

```

```

app > Http > Controllers > Admin > UsersController.php
30      //
31      }
32
33      /**
34       * Update the specified resource in storage.
35       *
36       * @param \Illuminate\Http\Request $request
37       * @param \App\User $user
38       * @return \Illuminate\Http\Response
39       */
40      public function update(Request $request, User $user)
41      {
42          //
43      }
44
45      /**
46       * Remove the specified resource from storage.
47       *
48       * @param \App\User $user
49       * @return \Illuminate\Http\Response
50       */
51      public function destroy(User $user)
52      {
53          //
54      }
55

```

15

Buka file web.php. Tambahkan script seperti pada line 43



```

routes > web.php
22 Route::get('/', function () {
23     return view('welcome');
24 });
25
26 Route::get('/', 'MahasiswaController@index');
27
28 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
29
30 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
31
32 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
33
34 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
35
36 Route::post('/mahasiswa/update', 'MahasiswaController@update');
37
38 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
39
40 Auth::routes();
41
42 Route::get('/home', 'HomeController@index')->name('home');
43 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
44

```

16

Untuk cek route bisa menggunakan cara di bawah ini

DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL

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

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

17

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

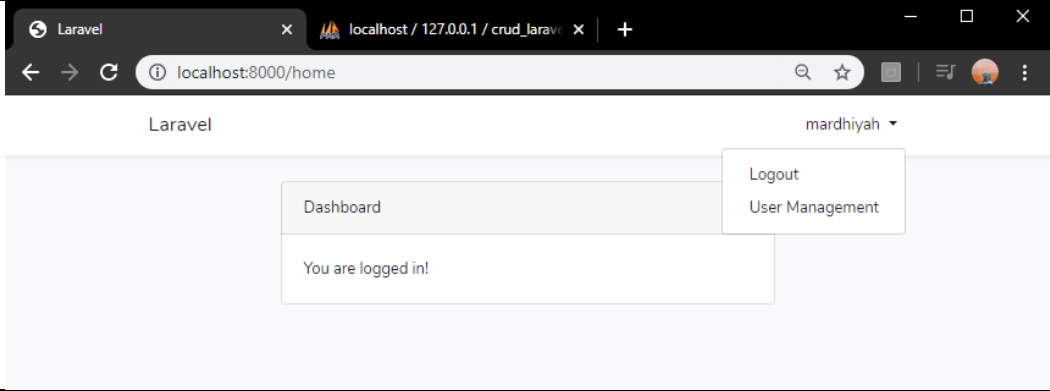
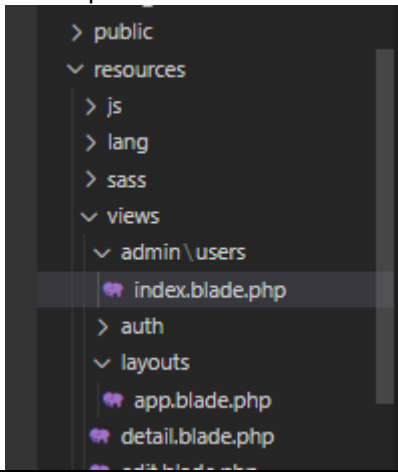
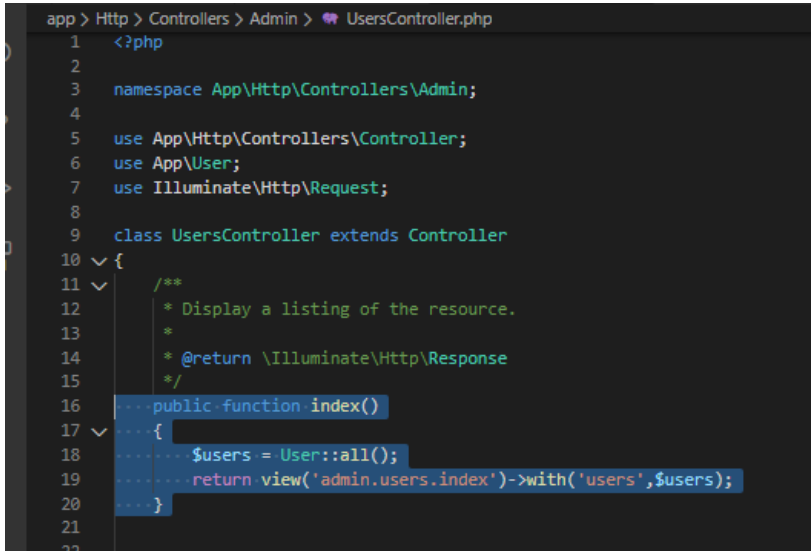
```

resources > views > layouts > app.blade.php
38
39 <!-- Right Side Of Navbar -->
40 <ul class="navbar-nav ml-auto">
41     <!-- Authentication Links -->
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') }}</a>
49             </li>
50         @endif
51     @else
52         <li class="nav-item dropdown">
53             <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false" v-pre>
54                 {{ Auth::user()->name }} <span class="caret"></span>
55             </a>
56             <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
57                 <a class="dropdown-item" href="{{ route('logout') }}">
58                     onclick="event.preventDefault();
59                     document.getElementById('logout-form').submit();"
60                 >{{ __('Logout') }}
61             </a>
62             <a class="dropdown-item" href="{{ route('users.index') }}">
63                 User Management
64             </a>
65             <form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;">
66                 @csrf
67             </form>
68         </div>
69     @endguest
70
71
72
73
74

```

18

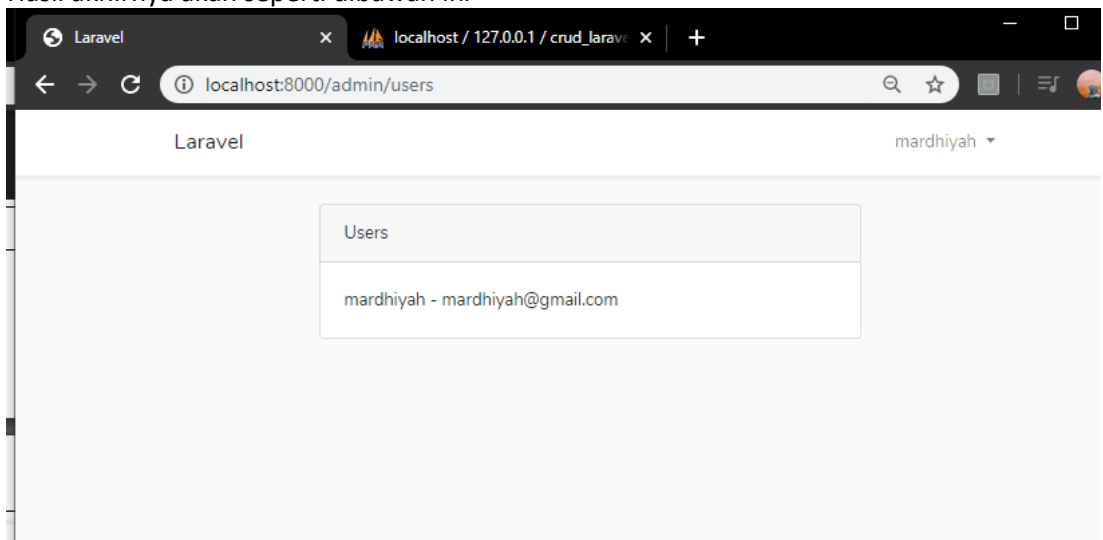
Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management

	
19	<p>Buat sebuah file “index.blade.php” di dalam folder users dengan membuat folder baru “admin dan users” pada “resources-&gt;views”</p> 
20	<p>Tulis script seperti line 18-19, pada file “UsersController.php” pada “app-&gt;Http-&gt;Controllers-&gt;Admin”</p> 
21	<p>Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p>

```
resources > views > admin > users > index.blade.php
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**

No	Langkah
1	<p>Buatlah function construct didalam file MahasiswaController</p>  <pre> app &gt; Http &gt; Controllers &gt; MahasiswaController.php 1  &lt;?php 2 3  namespace App\Http\Controllers; 4 5  use Illuminate\Http\Request; 6  use Illuminate\Support\Facades\DB; 7  class MahasiswaController extends Controller 8  { 9      public function __construct(){ 10         \$this-&gt;middleware('auth'); 11     } 12     public function index(){ 13         //mengambil data dari tabel mahasiswa 14         \$mahasiswa = DB::table('mahasiswa')-&gt;get(); 15 16         //mengirim data mahasiswa ke view index 17         return view('index',['mahasiswa' =&gt; \$mahasiswa]); 18     } 19 </pre>
2	<p>Buka file app.blade.php pada resource-&gt;views-&gt;layouts. Kemudian tambahkan script dibawah ini (line 68-70)</p>  <pre> resources &gt; views &gt; layouts &gt; app.blade.php 56 57 58 &lt;div class="dropdown-menu dropdown-menu-right" aria-1 59 &lt;a class="dropdown-item" href="{{ route('logout') 60     onclick="event.preventDefault(); 61         document.getElementById('logout- 62         {{ __('Logout') }}" 63     &lt;/a&gt; 64 65     &lt;a class="dropdown-item" href="{{route('users.ind 66         User Management 67     &lt;/a&gt; 68     &lt;a class="dropdown-item" href="/mahasiswa"&gt; 69         Mahasiswa 70     &lt;/a&gt; 71 72     &lt;form id="logout-form" action="{{ route('logout') 73         @csrf 74     &lt;/form&gt; 75 </pre>
3	<p>Buka web.php pada folder routes-&gt;web.php. ubahlah route get(/) menjadi (/mahasiswa) dibagian MahasiswaController@index</p>  <pre> routes &gt; web.php 19 20 21 22 Route::get('/', function () { 23     return view('welcome'); 24 }); 25 26 Route::get('/', 'MahasiswaController@index'); 27 </pre> <p>Menjadi</p>

```

routes > web.php
19
20
21
22 Route::get('/', function () {
23     return view('welcome');
24 });
25
26 Route::get('/mahasiswa', 'MahasiswaController@index');
27
28 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
29
30 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');

```

4

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

Nama	NIM	
nanda eka h	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>
mardhiyah millania	1841720081	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
euis	1001001005	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
mardhiyah cantik	1001001090	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>