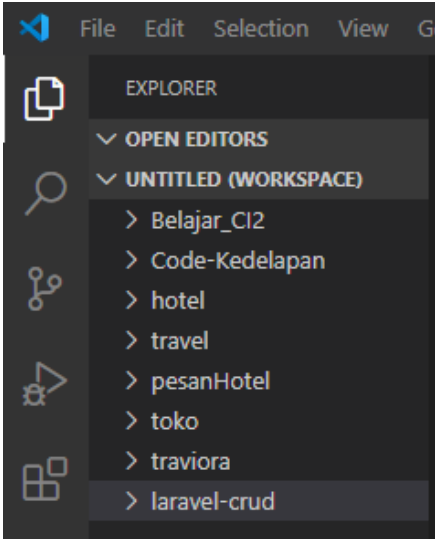
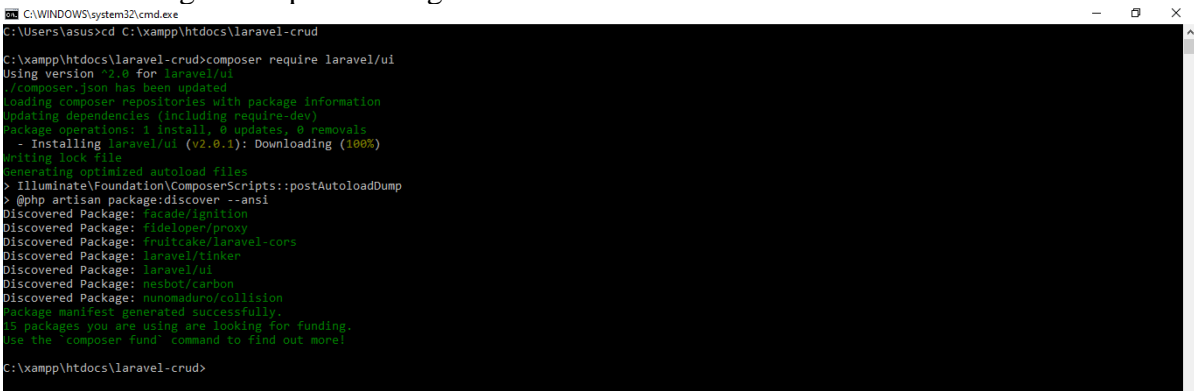




Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-12: Membuat Login menggunakan Laravel
Mata Kuliah Pemrograman Web Lanjut
Pengampu: Tim Ajar Pemrograman Web Lanjut
April 2020

Nama : Septianda Reza Maulana
Kelas : TI-2A
NIM : 1841720135

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> 

3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p>  <pre>C:\WINDOWS\system32\cmd.exe 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> <p>NB: Install NodeJS terlebih dahulu, lalu instal npm install & npm run dev</p>  <pre>C:\WINDOWS\system32\cmd.exe Microsoft Windows [Version 10.0.18362.778] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\asus>cd C:\xampp\htdocs\laravel-crud 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 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 and audited 17968 packages in 265.55s 36 packages are looking for funding run `npm fund` for details found 0 vulnerabilities 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/laravel-mix/setup/webpack.config.js 98% after emitting SizeLimitsPlugin [DONE] Compiled successfully in 31513ms 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></pre>
4	<p>Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yang diubah hanya bagian “Route::get(‘/’)”</p>  <pre>laravel-crud > routes > web.php > ... 23 Route::get('/', function () { 24 return view('welcome'); 25 });</pre>
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p>  <pre>C:\WINDOWS\system32\cmd.exe - php artisan serve Microsoft Windows [Version 10.0.18362.778] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\asus>cd C:\xampp\htdocs\laravel-crud 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>  <p>The browser shows the Laravel logo and a navigation bar with links: DOCS, LARACASTS, NEWS, BLOG, NOVA, FORGE, VAPOR, and GITHUB. There are also LOGIN and REGISTER buttons.</p>

7

Jika klik login akan muncul seperti ini

Login

E-Mail Address

Password

☐ Remember Me

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

8

Jika klik register akan muncul seperti ini

Register

Name

E-Mail Address

Password

Confirm Password

[Register](#)

9

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

```
C:\WINDOWS\system32\cmd.exe
C:\xampp\htdocs\laravel-crud>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table (0.92 seconds)
Migrated: 2014_10_12_000000_create_users_table (0.92 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table (0.46 seconds)
Migrated: 2014_10_12_100000_create_password_resets_table (0.46 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table (0.34 seconds)
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.34 seconds)
C:\xampp\htdocs\laravel-crud>
```

10

Hasil setelah migrate, bisa dilihat di phpMyAdmin.

phpMyAdmin

Server: 127.0.0.1 » Basis data: latihan_laravel

Struktur SQL Cari Kueri Ekspor Impor Operasi Hak Akses Routine Event Trigger Lainnya

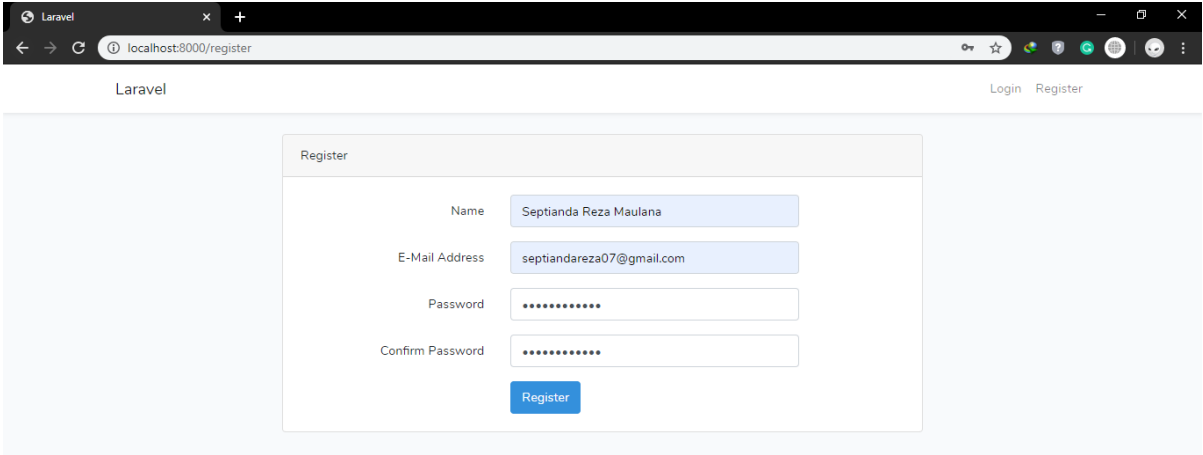

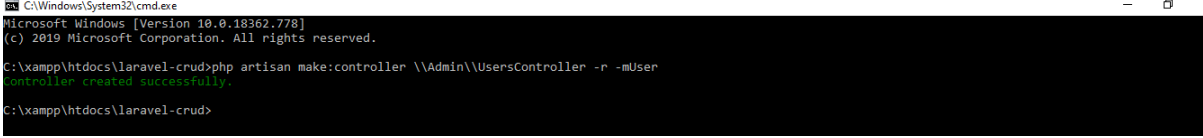
Filters

Mengandung kata:

Tabel	Tindakan	Baris	Jenis	Penyortiran	Ukuran	Beban
failed_jobs	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	16 KB	-
mahasiswa	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	2	InnoDB	utf8mb4_general_ci	16 KB	-
migrations	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	3	InnoDB	utf8mb4_unicode_ci	16 KB	-
password_resets	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	32 KB	-
users	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	32 KB	-
5 tabel	Jumlah	5	InnoDB	utf8mb4_general_ci	112 KB	0 B

Pilih Semua Dengan pilihan:

Cetak Kamus data

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> 

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

```
UsersController.php X
laravel-crud > app > Http > Controllers > Admin > UsersController.php > UsersController > update
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      */
```

14

```
UsersController.php X
laravel-crud > app > Http > Controllers > Admin > UsersController.php > ...
26     public function edit(User $user)
27     {
28         //
29     }
30
31     /**
32      * Update the specified resource in storage.
33      *
34      * @param \Illuminate\Http\Request $request
35      * @param \App\User $user
36      * @return \Illuminate\Http\Response
37      */
38     public function update(Request $request, User $user)
39     {
40         //
41     }
42
43     /**
44      * Remove the specified resource from storage.
45      *
46      * @param \App\User $user
47      * @return \Illuminate\Http\Response
48      */
49     public function destroy(User $user)
50     {
51         //
52     }
53 }
```

Buka file web.php. Tambahkan script seperti pada line 48

15

```
web.php ×
laravel-crud > routes > web.php > ...
48 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
```

Untuk cek route bisa menggunakan cara di bawah ini

16

C:\Windows\System32\cmd.exe
C:\xampp\htdocs\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		App\Http\Controllers\MahasiswaController@index	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
	POST	password/confirm		App\Http\Controllers\Auth\ConfirmPasswordController@confirm	web,auth
	GET HEAD	password/confirm	password.confirm	App\Http\Controllers\Auth\ConfirmPasswordController@showConfirmForm	web,auth
	POST	password/email	password.email	App\Http\Controllers\Auth\ForgotPasswordController@sendResetLinkEmail	web
	POST	password/reset	password.update	App\Http\Controllers\Auth\ResetPasswordController@reset	web
	GET HEAD	password/reset	password.request	App\Http\Controllers\Auth\ForgotPasswordController@showLinkRequestForm	web
	POST	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ResetPasswordController@showResetForm	web
	GET HEAD	register		App\Http\Controllers\Auth\RegisterController@register	web,guest
	GET HEAD	register	register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest

C:\xampp\htdocs\laravel-crud>

Masuk ke file “app.blade.php” pada “resources->views->layouts” tambahkan script seperti line 64-66

17

```
app.blade.php ×
laravel-crud > resources > views > layouts > app.blade.php > html
1 <!doctype html>
2 <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6
7     <!-- CSRF Token -->
8     <meta name="csrf-token" content="{{ csrf_token() }}">
9
10    <title>{{ config('app.name', 'Laravel') }}</title>
11
12    <!-- Scripts -->
13    <script src="{{ asset('js/app.js') }}" defer></script>
14
15    <!-- Fonts -->
16    <link rel="dns-prefetch" href="//fonts.gstatic.com">
17    <link href="https://fonts.googleapis.com/css?family=Nunito" rel="stylesheet">
18
19    <!-- Styles -->
20    <link href="{{ asset('css/app.css') }}" rel="stylesheet">
21 </head>
22 <body>
23     <div id="app">
24         <nav class="navbar navbar-expand-md navbar-light bg-white shadow-sm">
25             <div class="container">
26                 <a class="navbar-brand" href="{{ url('/') }}">
27                     {{ config('app.name', 'Laravel') }}
28                 </a>
29                 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent">
30                     <span class="navbar-toggler-icon"></span>
```

app.blade.php ×


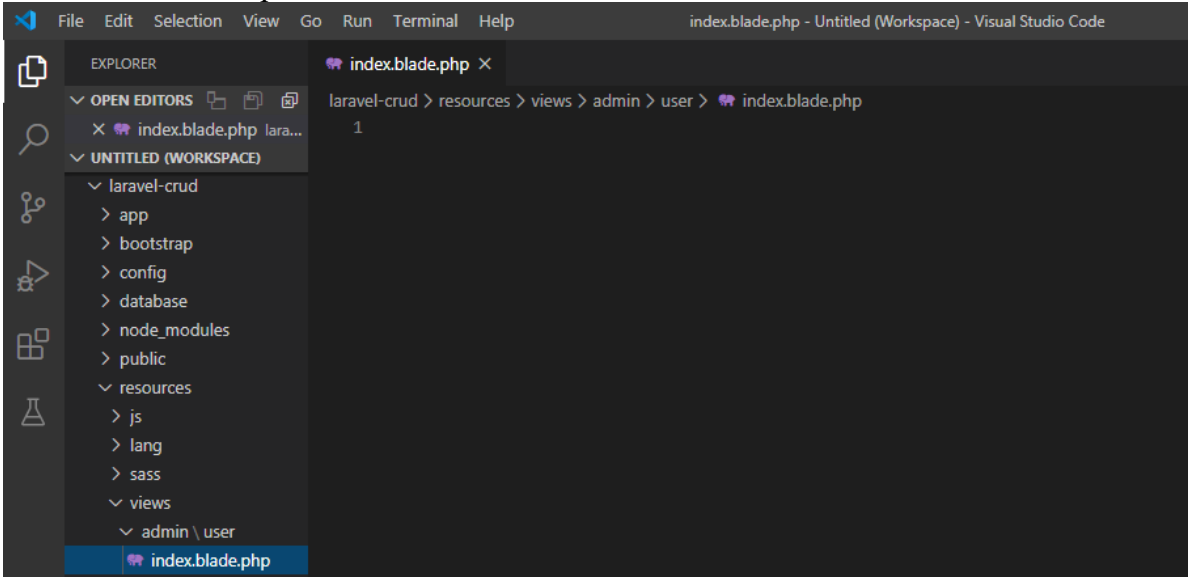
laravel-crud > resources > views > layouts > app.blade.php > html

```
31 </button>
32
33 <div class="collapse navbar-collapse" id="navbarSupportedContent">
34     <!-- Left Side Of Navbar -->
35     <ul class="navbar-nav mr-auto">
36
37     </ul>
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" href="#">{{ Auth::user()->name }} <span class="caret"></span>
54                 </a>
55
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();">
```

app.blade.php ×

laravel-crud > resources > views > layouts > app.blade.php > html

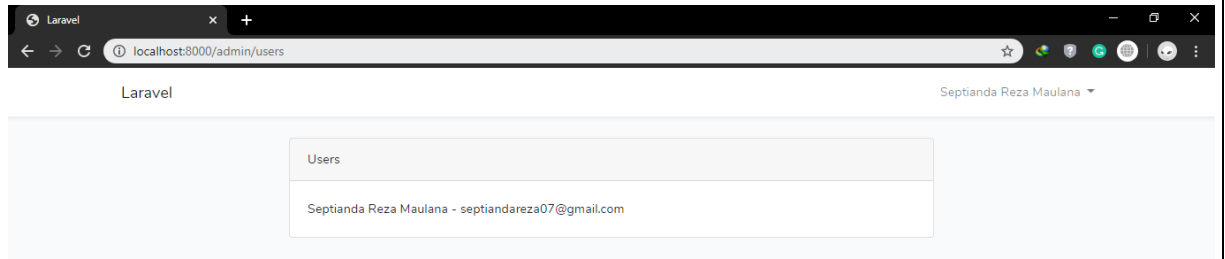
```
61         {{ __('Logout') }}
62     </a>
63
64     <a class="dropdown-item" href="{{ route('users.index') }}">
65         User Management
66     </a>
67
68     <form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none">
69         @csrf
70     </form>
71 </div>
72 </li>
73 @endguest
74 </ul>
75 </div>
76 </div>
77 </nav>
78
79 <main class="py-4">
80     @yield('content')
81 </main>
82 </div>
83 </body>
84 </html>
```

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> 

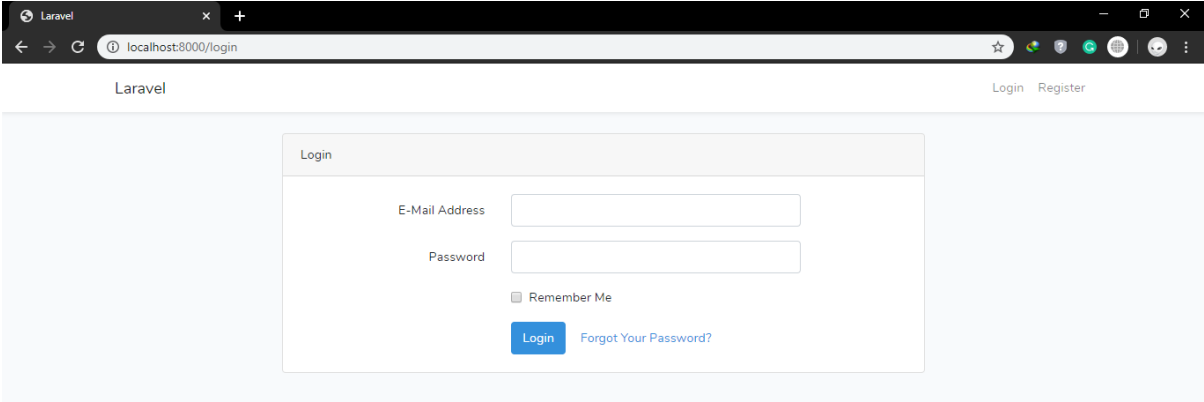
20	<p>Tulis script seperti line 18-19, pada file “UserController.php” pada “app->Http->Controllers->Admin”</p> <pre> UsersController.php X laravel-crud > app > Http > Controllers > Admin > UsersController.php 1 <?php 2 3 namespace App\Http\Controllers\Admin; 4 5 use App\Http\Controllers\Controller; 6 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.user.index')->with('users', \$users); 20 } </pre>
21	<p>Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p> <pre> index.blade.php X laravel-crud > resources > views > admin > user > index.blade.php > ... 1 @extends('layouts.app') 2 3 @section('content') 4 <div class="cotainer"> 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>

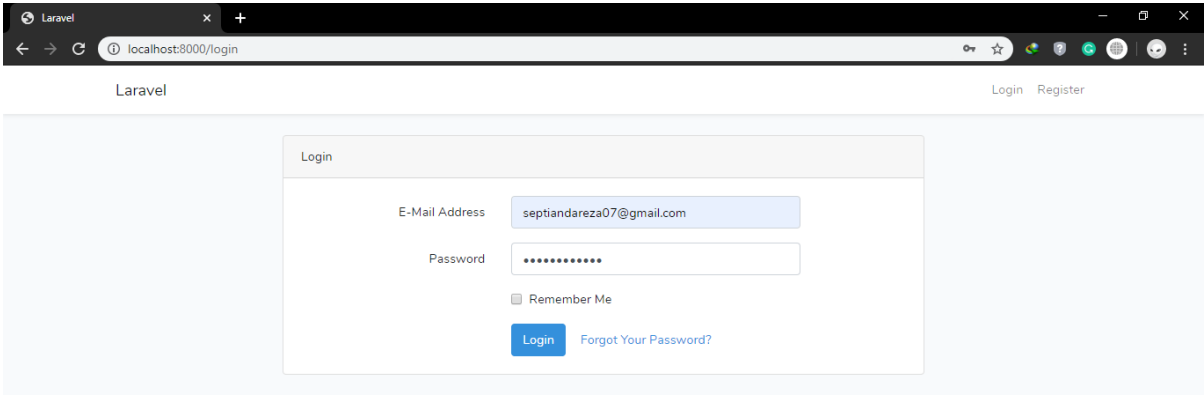
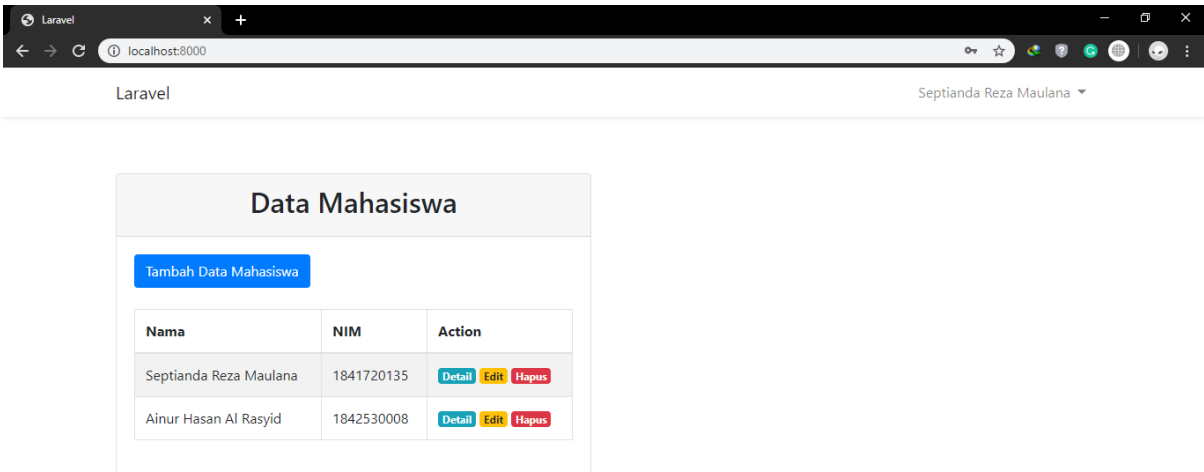
22

Hasil akhirnya akan seperti dibawah ini



Tambahan tugas:

Langkah	Keterangan
1	<p>Tambahkan kode berikut pada baris ke 11-13 di app→Http→Controllers→MahasiswaController.php</p> <pre>MahasiswaController.php X laravel-crud > app > Http > Controllers > MahasiswaController.php 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 11 public function __construct() { 12 \$this->middleware('auth'); 13 }</pre>
2	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p> <pre>C:\WINDOWS\system32\cmd.exe - php artisan serve Microsoft Windows [Version 10.0.18362.778] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\asus>cd C:\xampp\htdocs\laravel-crud C:\xampp\htdocs\laravel-crud>php artisan serve Laravel Development Server started: http://127.0.0.1:8000 [Tue Apr 21 08:27:24 2020] 127.0.0.1:60068 [200]: /js/app.js [Tue Apr 21 08:27:24 2020] 127.0.0.1:60069 [200]: /css/app.css [Tue Apr 21 08:27:25 2020] 127.0.0.1:60073 [200]: /favicon.ico</pre>
3	<p>Buka linknya di browser, dengan mengetik http://localhost:8000/. Setelah itu akan muncul seperti dibawah ini</p> 

4	<p>Isikan Email-Address dan Password yang telah dibuat sebelumnya. Lalu klik “Login”</p> 									
5	<p>Maka akan tampil tampilan CRUD yang sudah dikerjakan pada Minggu 11</p>  <table><thead><tr><th>Nama</th><th>NIM</th><th>Action</th></tr></thead><tbody><tr><td>Septianda Reza Maulana</td><td>1841720135</td><td>Detail Edit Hapus</td></tr><tr><td>Ainur Hasan Al Rasyid</td><td>1842530008</td><td>Detail Edit Hapus</td></tr></tbody></table>	Nama	NIM	Action	Septianda Reza Maulana	1841720135	Detail Edit Hapus	Ainur Hasan Al Rasyid	1842530008	Detail Edit Hapus
Nama	NIM	Action								
Septianda Reza Maulana	1841720135	Detail Edit Hapus								
Ainur Hasan Al Rasyid	1842530008	Detail Edit Hapus								
6	<p>Setelah itu kita bisa melakukan aksi CRUD seperti biasanya</p>									
7	<p>Jika sudah, klik logout</p> 