

**LAPORAN PRAKTIKUM
PEMROGRAMAN WEB LANJUT**

Membuat Login menggunakan Laravel



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**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
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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:\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): 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> <pre>C:\xampp\htdocs\laravel-crud> C:\xampp\htdocs\laravel-crud> 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): 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. 18 packages you are using are looking for funding. Use the `composer fund` command to find out more!</pre> <pre>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.</pre> <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.</pre> <pre>C:\xampp\htdocs\laravel-crud></pre>

4

Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yang diubah hanya bagian **"Route::get('/')"**

```

13 |
14 */
15
16 // Route::get('/', function () {
17 //     return view('welcome');
18 // });
19
20 //Route::get('/', 'MahasiswaController@index');
21
22 ✓ Route::get('/', function(){
23     return view('welcome');
24 });
25

```

```

27
28 Route::get('/home', 'HomeController@index')->name('home');
29 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);

```

5

Jalankan Laravel nya, dengan perintah dibawah ini

```

C:\xampp\htdocs\laravel-crud>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Sun Apr 19 12:04:11 2020] 127.0.0.1:60409 [200]: /favicon.ico

```

6

Buka linknya di browser, dengan mengetik <http://localhost:8000/>. Setelah itu akan muncul seperti dibawah ini

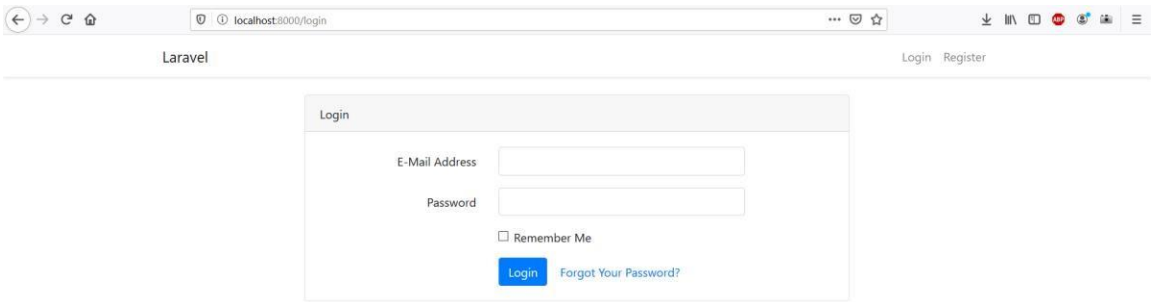
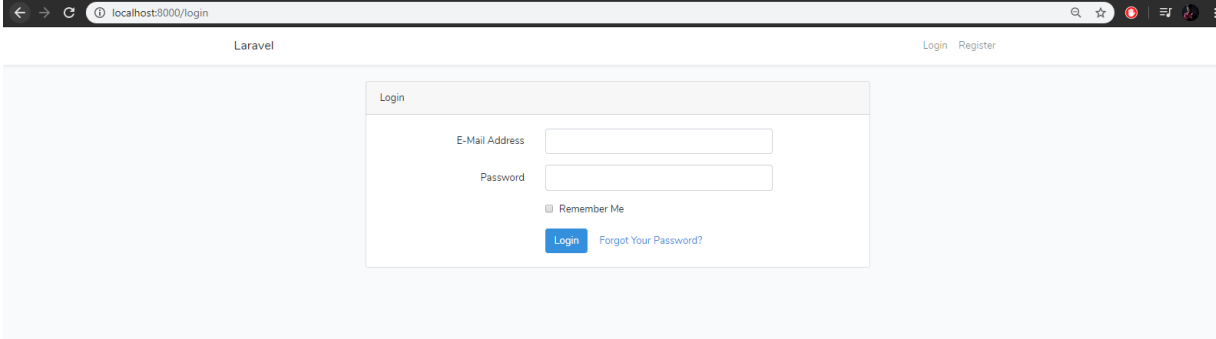
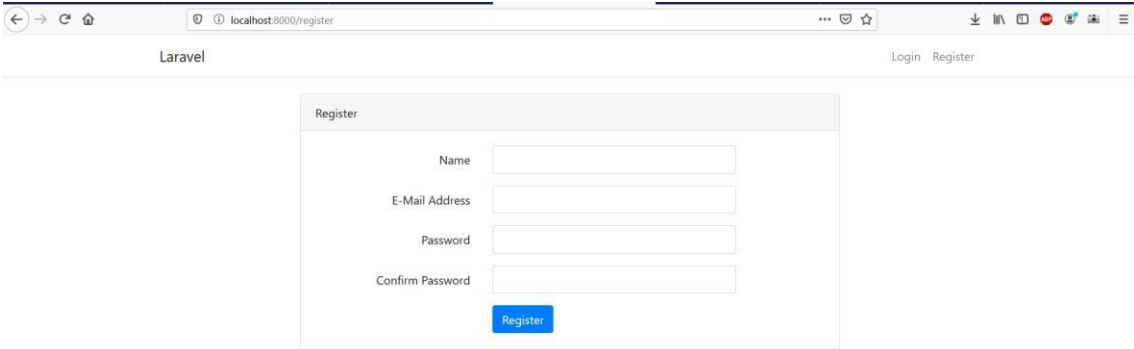
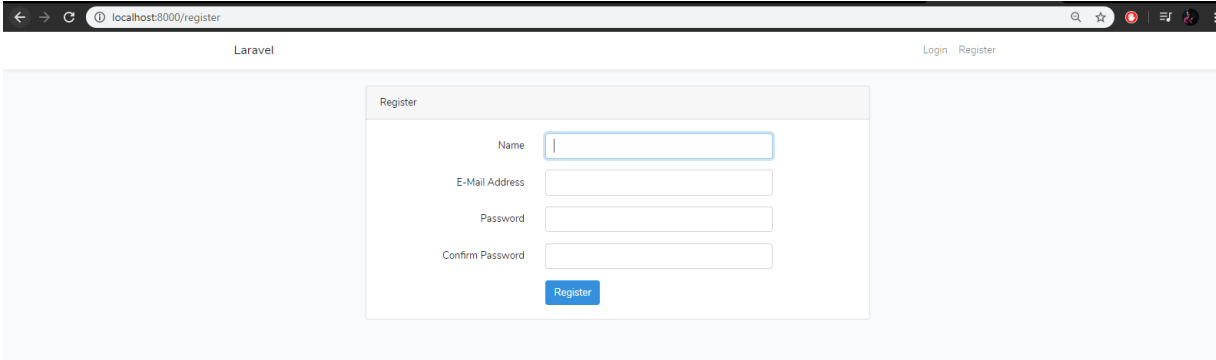


HASIL :



7

Jika klik login akan muncul seperti ini

	 <p>HASIL :</p> 
8	<p>Jika klik register akan muncul seperti ini</p>  <p>HASIL :</p> 
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.</pre>

```
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 (0.07 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (0.06 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (0.04 seconds)

C:\xampp\htdocs\laravel-crud>
```

10

Hasil setelah migrate, bisa dilihat di phpMyAdmin.

Server: 127.0.0.1 » Database: latihan_laravel

Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> mahasiswa	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16 K1B	-
<input type="checkbox"/> migrations	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 K1B	-
<input type="checkbox"/> users	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	-	-
3 table(s) Sum		4	InnoDB	latin1_swedish_ci	32 K1B	0 B

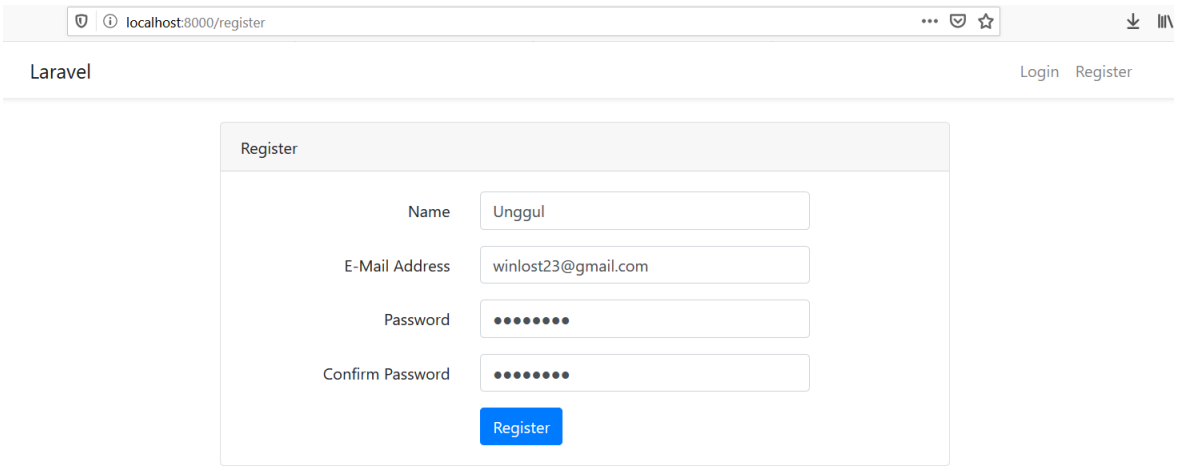
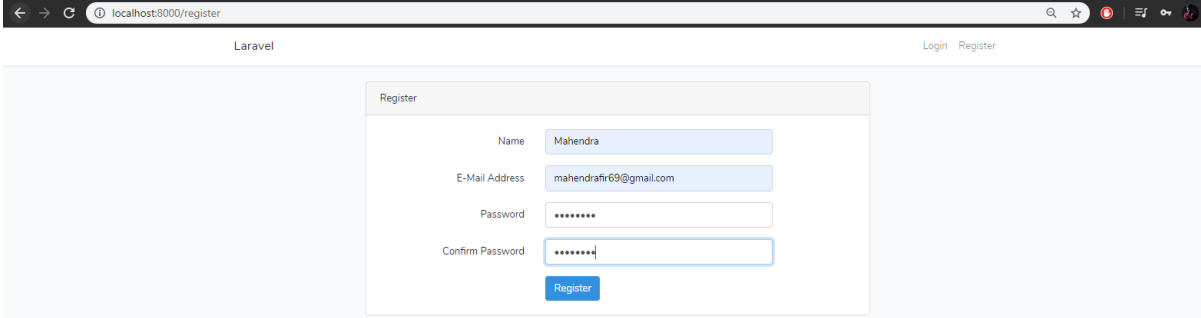

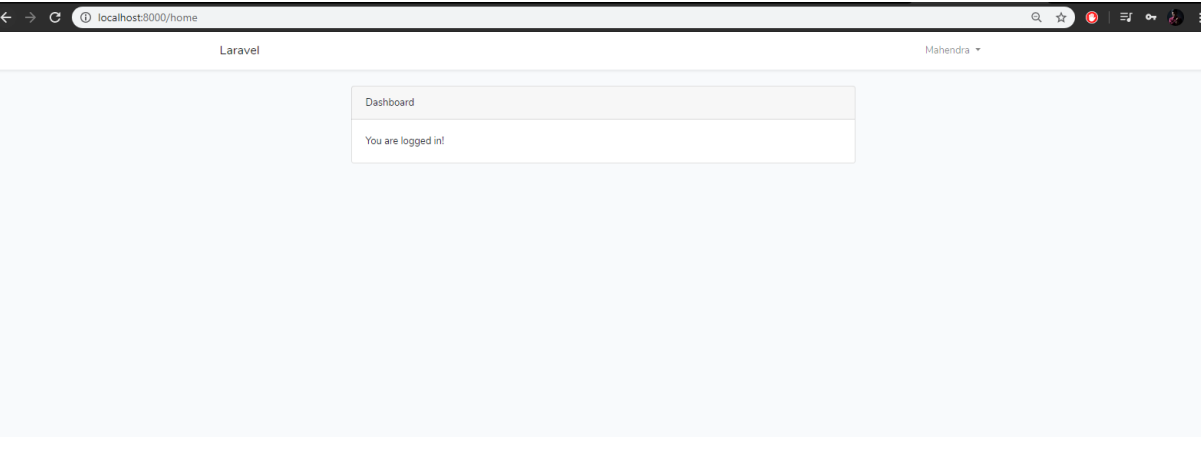
☐ Check all With selected:

HASIL :

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> failed_jobs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K1B	
<input type="checkbox"/> mahasiswa	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 K1B	
<input type="checkbox"/> migrations	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 K1B	
<input type="checkbox"/> password_resets	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	
<input type="checkbox"/> users	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	
5 tables Sum		6	InnoDB	utf8mb4_general_ci	112.0 K1B	0

11

Klik menu registrasi dan isikan data sesuai keinginan

	 <p>HASIL :</p> 
12	<p>Setelah register akan otomatis login</p>  <p>HASIL :</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.</pre>

	<pre>C:\xampp\htdocs\laravel-crud>php artisan make:controller \\Admin\\UsersController -r -mUser Controller created successfully. C:\xampp\htdocs\laravel-crud></pre>	
14	Buka file UsersController.php pada “ app->Http->Controllers->Admin ” dan sisakan function index, edit, update, destroy	

<div><div>OPEN EDITORS</div><div><div>web.php routes</div><div>UsersController.php ...</div><div>Controller.php app\Ht...</div><div>app.blade.php resour...</div></div><div>LARAVEL-CRUD</div><div><div>app</div><div>Console</div><div>Exceptions</div><div>Http</div><div>Controllers</div><div>Admin</div><div>UsersController.php</div><div>Auth</div><div>Controller.php</div><div>HomeController.php</div><div>MahasiswaController....</div><div>Middleware</div><div>Authenticate.php</div><div>CheckForMaintenanc...</div><div>EncryptCookies.php</div><div>RedirectIfAuthenticat...</div><div>TrimStrings.php</div><div>TrustProxies.php</div><div>VerifyCsrfToken.php</div><div>Kernel.php</div><div>Providers</div><div>User.php</div></div></div> <td><div>app > Http > Controllers > Admin > UsersController.php</div><div><div>1 <?php</div><div>2</div><div>3 namespace App\Http\Controllers\Admin;</div><div>4</div><div>5 use App\Http\Controllers\Controller;</div><div>6 use App\User;</div><div>7 use Illuminate\Http\Request;</div><div>8</div><div>9 class UsersController extends Controller</div><div>10 {</div><div>11 /**</div><div>12 * Display a listing of the resource.</div><div>13 *</div><div>14 * @return \Illuminate\Http\Response</div><div>15 */</div><div>16 public function index()</div><div>17 {</div><div>18 //</div><div>19 }</div><div>20</div><div>21 /**</div><div>22 * Show the form for editing the specified resource.</div><div>23 *</div><div>24 * @param \App\User \$user</div><div>25 * @return \Illuminate\Http\Response</div><div>26 */</div><div>27 public function edit(User \$user)</div><div>28 {</div><div>29 //</div><div>30 }</div><div>31</div><div>32 /**</div></div></td>	<div>app > Http > Controllers > Admin > UsersController.php</div> <div><div>1 <?php</div><div>2</div><div>3 namespace App\Http\Controllers\Admin;</div><div>4</div><div>5 use App\Http\Controllers\Controller;</div><div>6 use App\User;</div><div>7 use Illuminate\Http\Request;</div><div>8</div><div>9 class UsersController extends Controller</div><div>10 {</div><div>11 /**</div><div>12 * Display a listing of the resource.</div><div>13 *</div><div>14 * @return \Illuminate\Http\Response</div><div>15 */</div><div>16 public function index()</div><div>17 {</div><div>18 //</div><div>19 }</div><div>20</div><div>21 /**</div><div>22 * Show the form for editing the specified resource.</div><div>23 *</div><div>24 * @param \App\User \$user</div><div>25 * @return \Illuminate\Http\Response</div><div>26 */</div><div>27 public function edit(User \$user)</div><div>28 {</div><div>29 //</div><div>30 }</div><div>31</div><div>32 /**</div></div>
---	---

15

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

```

routes > web.php
14 */
15
16 // Route::get('/', function () {
17 //     return view('welcome');
18 // });
19
20 //Route::get('/', 'MahasiswaController@index');
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');
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

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

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		Closure	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.request	App\Http\Controllers\Auth\ForgotPasswordController@showLinkRequestForm	web
	GET HEAD	password/reset	password.reset	App\Http\Controllers\Auth\ForgotPasswordController@reset	web
	POST	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ResetPasswordController@reset	web
	GET HEAD	register		App\Http\Controllers\Auth\RegisterController@register	web,guest
	POST	register	register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest

HASIL :

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

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		Closure	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
	POST	password/confirm	password.confirm	App\Http\Controllers\Auth\ConfirmPasswordController@confirm	web,auth
	POST	password/confirm		App\Http\Controllers\Auth\ConfirmPasswordController@showConfirmForm	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@reset	web
	GET HEAD	register		App\Http\Controllers\Auth\RegisterController@register	web,guest
	POST	register	register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest

C:\xampp\htdocs\laravel-crud>

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

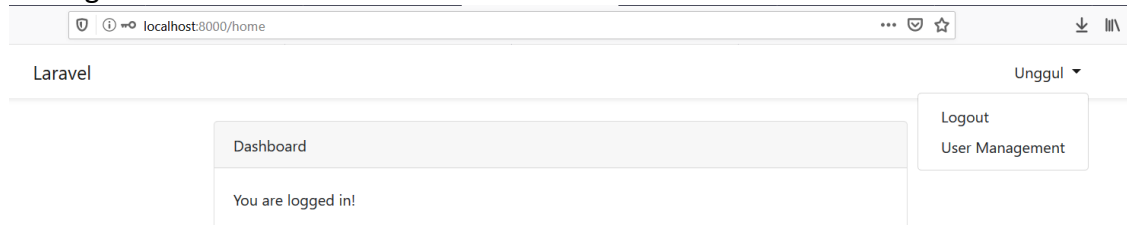
```
EXPLORER
web.php
UsersController.php
app.blade.php X

te.shadow-sm > div.container > div#navbarSupportedContent.collapse.navbar-collapse > ul.navbar-nav.ml-auto > li.nav-item.dropdown > div.dropdown-menu.dropdown-menu-right

43 @guest
44 <li class="nav-item">
45 <a class="nav-link" href="{{ route('login') }}">{{ __('Login') }}</a>
46 </li>
47 @if (Route::has('register'))
48 <li class="nav-item">
49 <a class="nav-link" href="{{ route('register') }}">{{ __('Register') }}</a>
50 </li>
51 @endif
52 @else
53 <li class="nav-item dropdown">
54 <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
55 {{ Auth::user()->name }} <span class="caret"></span>
56 </a>
57 <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
58 <a class="dropdown-item" href="{{ route('logout') }}">
59 {{ __('Logout') }}
60 </a>
61 <a class="dropdown-item" href="{{ route('users.index') }}">
62 User Management
63 </a>
64 </div>
65 </li>
66 @endguest
67 </ul>
68 </div>
```

18

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

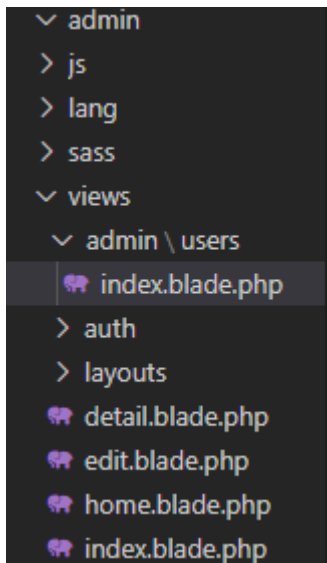
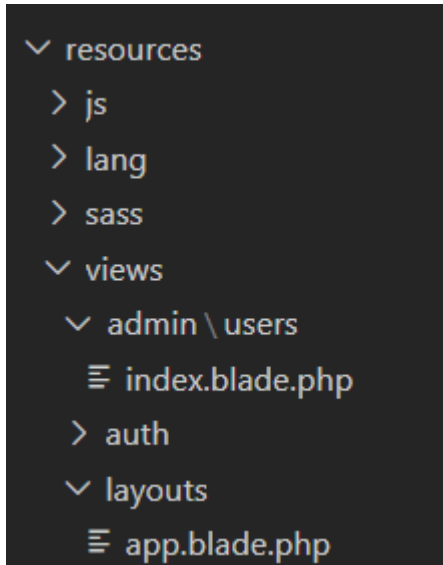


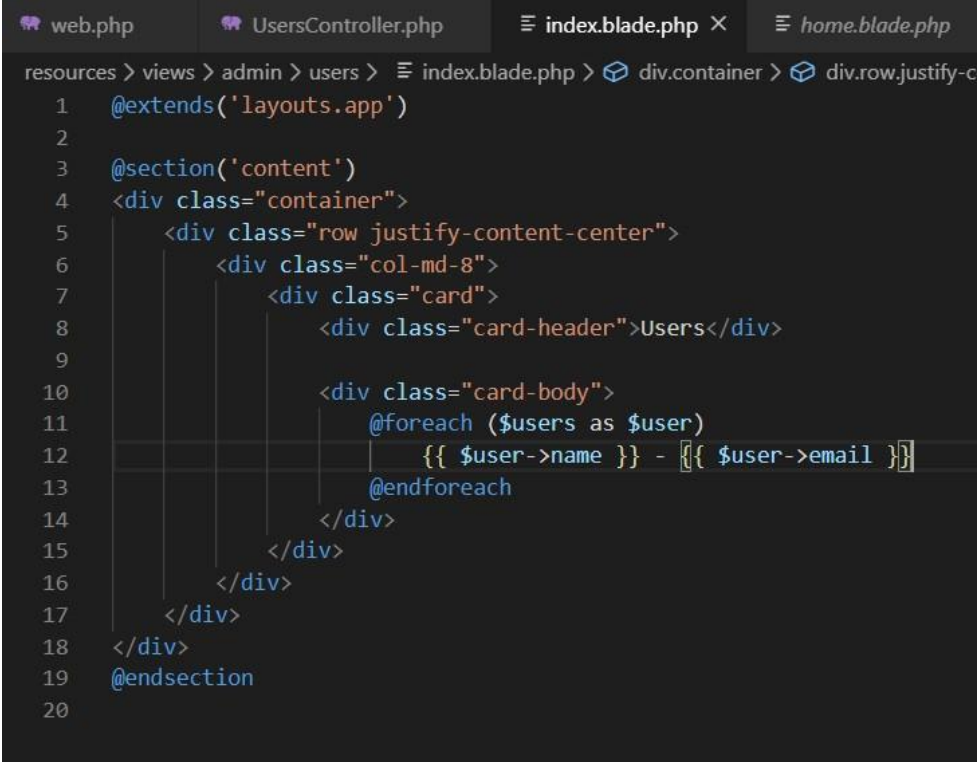
HASIL :

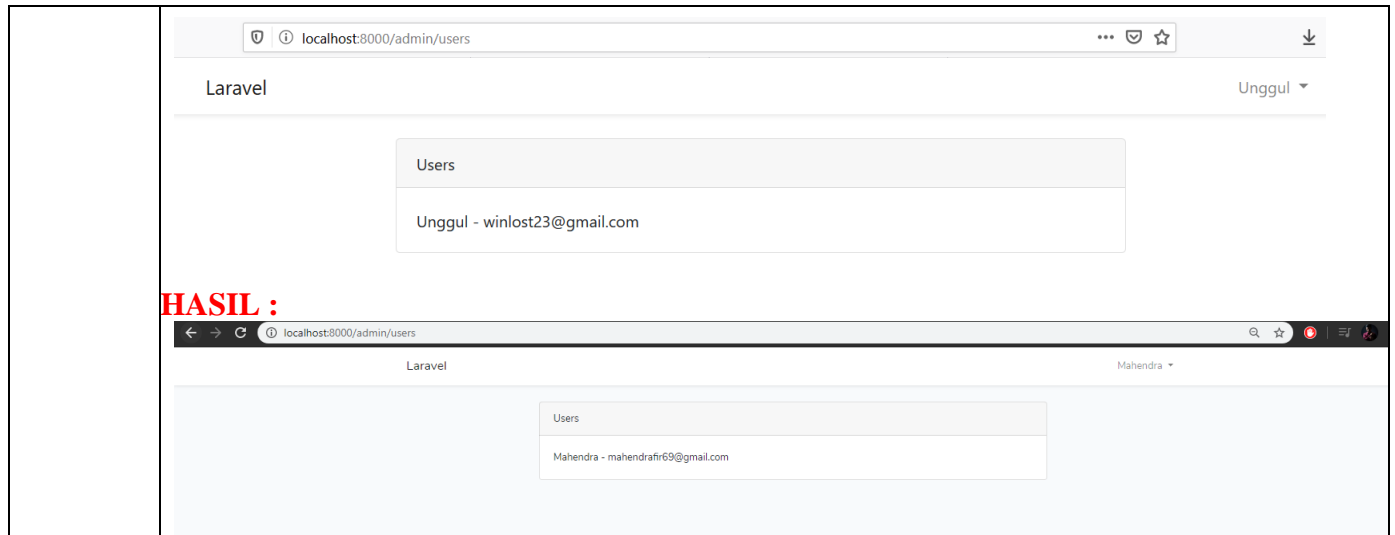


19

Buat sebuah file “**index.blade.php**” di dalam folder users dengan membuat folder baru “**admin dan users**” pada “**resources->views**”

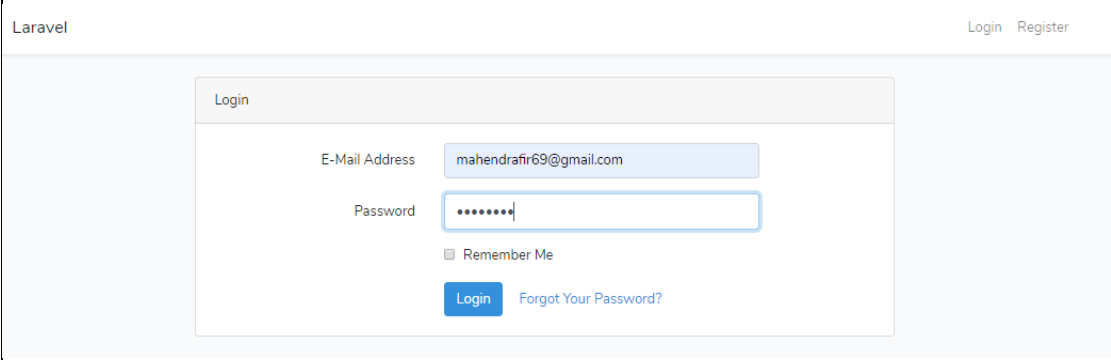


20	<p>Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http->Controllers->Admin”</p>  <pre> web.php UsersController.php DatabaseSeeder.php index.blade.php app > Http > Controllers > Admin > UsersController.php 1 <?php 2 3 namespace App\Http\Controllers\Admin; 4 5 use App\Http\Controllers\Controller; 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.users.index')->with('users', \$users); 20 } 21 22 /** 23 * Show the form for editing the specified resource. 24 */ </pre>
21	<p>Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p>  <pre> web.php UsersController.php index.blade.php home.blade.php resources > views > admin > users > index.blade.php > div.container > div.row.justify-c 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 20 </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

Langkah	Keterangan
1	<p>Tambahkan function construct didalam file MahasiswaController</p> <pre> public function __construct(){ \$this->middleware('auth'); } </pre>
2	<p>Buka file app.blade.php pada resource->views->layouts. Kemudian tambahkan script dibawah ini (line 68-70)</p> <pre> Mahasiswa </pre>
3	<p>Buka web.php pada folder routes->web.php. ubahlah route get(/) atau menambah menjadi (/mahasiswa) dibagian MahasiswaController@index</p> <pre> 28 Route::get('/home', 'HomeController@index')->name('home'); 29 Route::resource('/admin/users', 'Admin\UsersController',['except' => ['show', 'create', 'store']]); 30 Route::get('/mahasiswa', 'MahasiswaController@index'); </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>  <p>Setelah login maka akan muncul seperti dibawah</p>

[Dashboard](#)

You are logged in!

Mahendra ▾

[Logout](#)[User Management](#)[Mahasiswa](#)

Kemudian klik Mahasiswa untuk menampilkan CRUD nya

← → ↻ ⓘ localhost:8000/mahasiswa

Data Mahasiswa

[Tambah Data Mahasiswa](#)

Nama	NIM	
Brian Imanuel	001001004	Detail Edit Hapus
uhy	001001005	Detail Edit Hapus
Rani	001001006	Detail Edit Hapus