

LAPORAN TUGAS PEMROGRAMAN WEB LANJUT

Jobsheet 12
Membuat Login menggunakan Laravel

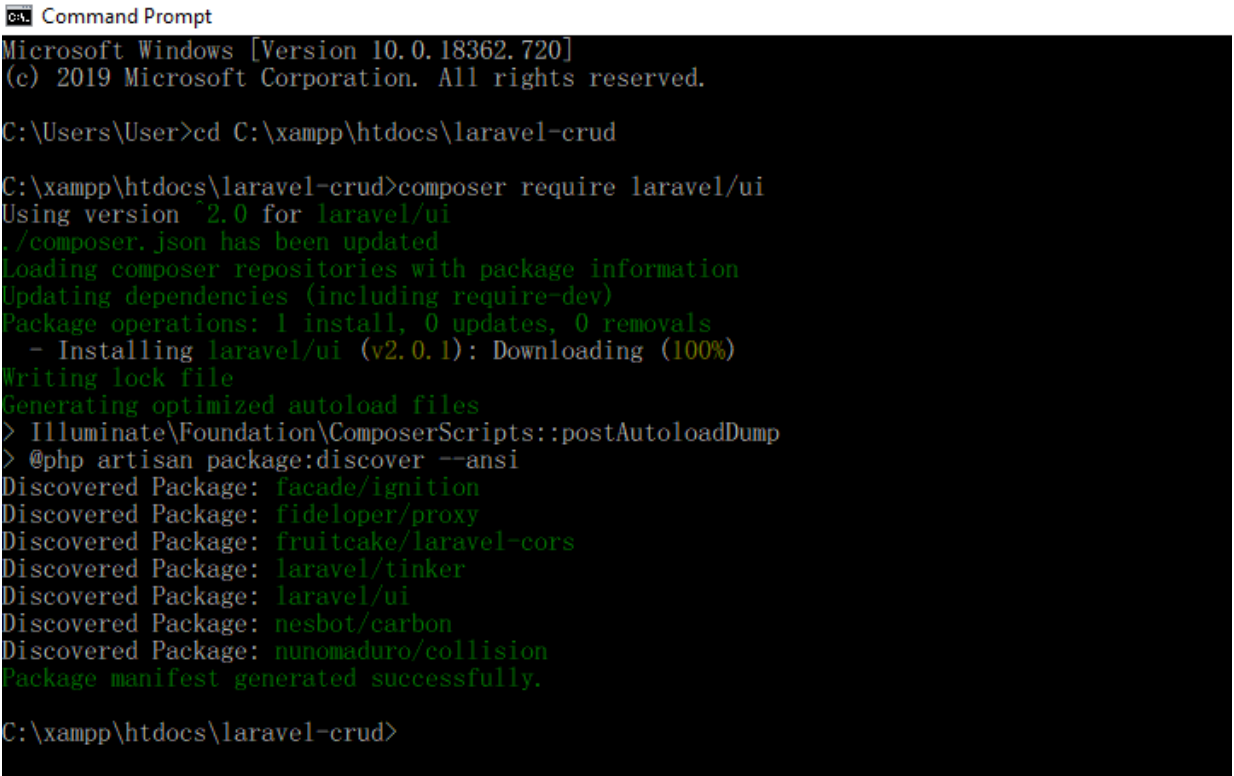
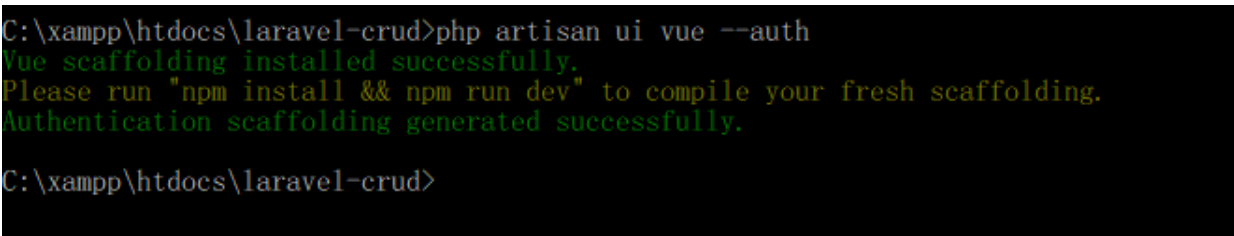


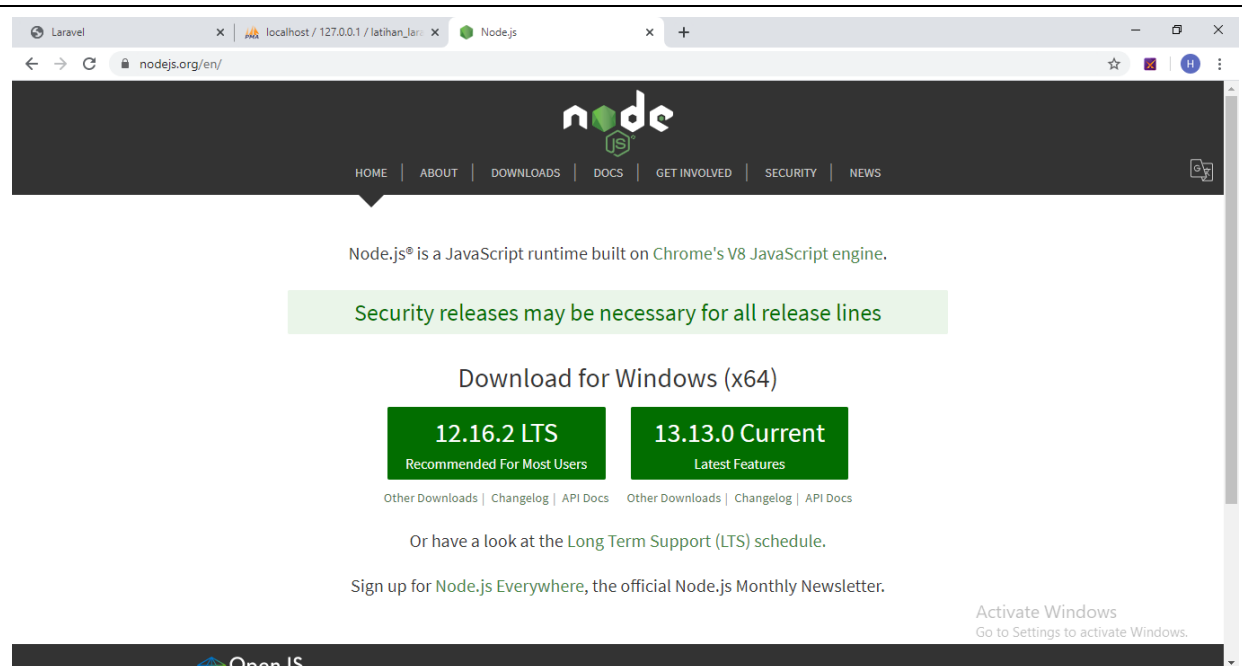
Disusun Oleh :

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Program Studi D-IV Teknik Informatika
Jurusan Teknologi Informasi
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Praktikum – Bagian 1: Membuat Login di Laravel

Langkah	Keterangan
1	<p>Buka project Laravel "laravel-crud"</p> <p>Install UI dengan composer. Dengan cara di bawah ini</p>  <pre>Microsoft Windows [Version 10.0.18362.720] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\User>cd 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. C:\xampp\htdocs\laravel-crud></pre> <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> <p>Install Node.js pada https://nodejs.org/en/ pilih 12.16.2 LTS</p>



```

Administrator: Command Prompt
Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\xampp\htdocs\laravel-crud

C:\xampp\htdocs\laravel-crud>npm install && npm run dev
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 43.983s
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/laravel-mix/setup/webpack.config.js

98% after emitting SizeLimitsPlugin
[ DONE ] Compiled successfully in 14132ms

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

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

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

```

routes > web.php > ...
16 Route::get('/', function () {
17     return view('welcome');
18 });
19
  
```

Jalankan Laravel nya, dengan perintah dibawah ini

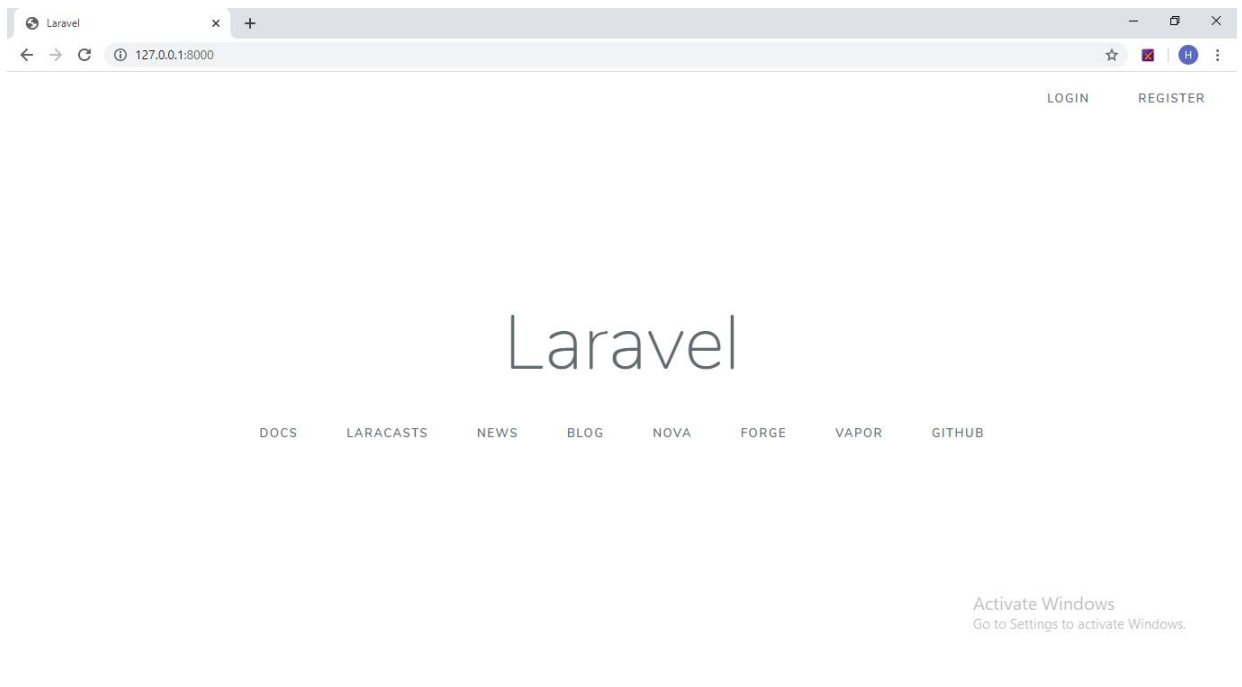
```
C:\> Command Prompt - php artisan serve

Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

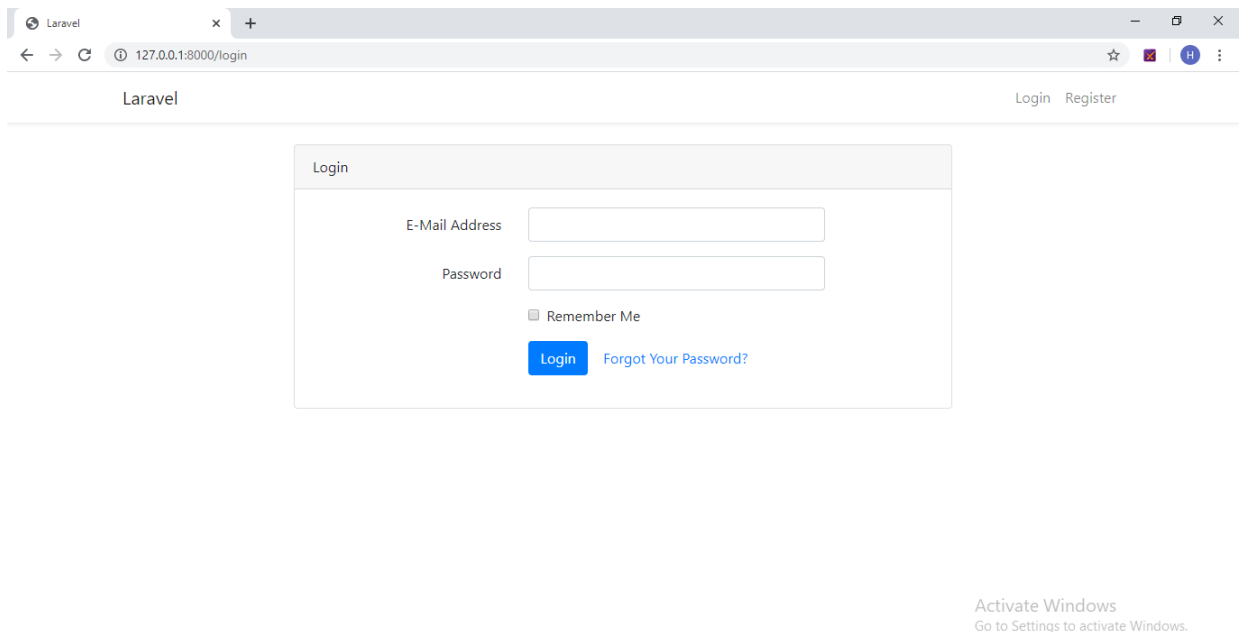
C:\Users\User>cd C:\xampp\htdocs\laravel-crud

C:\xampp\htdocs\laravel-crud>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Mon Apr 20 05:15:38 2020] 127.0.0.1:61369 [200]: /favicon.ico
```

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



Jika klik login akan muncul seperti ini



Jika klik register akan muncul seperti ini

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

```
C:\xampp\htdocs\laravel-crud>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table

Illuminate\Database\QueryException

SQLSTATE[42000]: Syntax error or access violation: 1071 Specified key was too long; max key length is 767 bytes (SQL: alter table `users` add unique `users_email_uniq
ue` (`email`))

at C:\xampp\htdocs\laravel-crud\vendor\laravel\framework\src\Illuminate\Database\Connection.php:670
666 // If an exception occurs when attempting to run a query, we'll format the error
667 // message to include the bindings with SQL, which will make this exception a
668 // lot more helpful to the developer instead of just the database's errors.
669 catch (Exception $e) {
670     throw new QueryException(
671         $query, $this->prepareBindings($bindings), $e
672     );
673 }
674

1 C:\xampp\htdocs\laravel-crud\vendor\laravel\framework\src\Illuminate\Database\Connection.php:464
PDOException: ("SQLSTATE[42000]: Syntax error or access violation: 1071 Specified key was too long; max key length is 767 bytes")

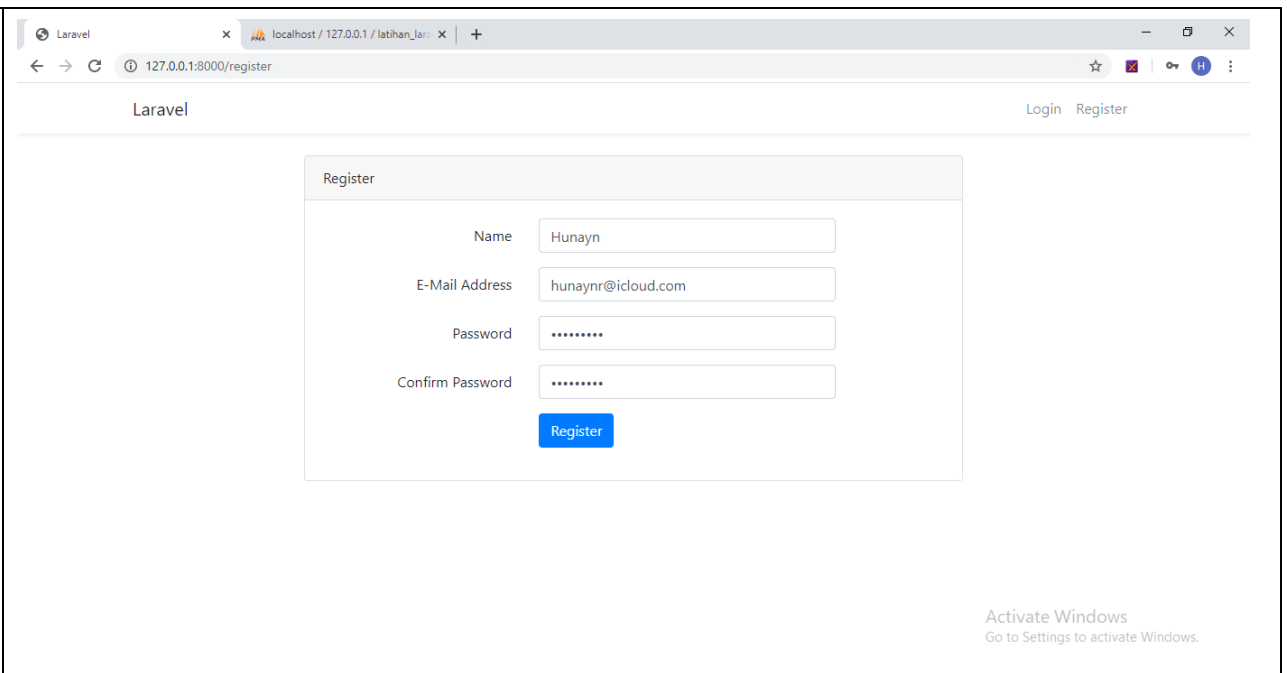
2 C:\xampp\htdocs\laravel-crud\vendor\laravel\framework\src\Illuminate\Database\Connection.php:464
PDOStatement::execute()

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

Hasil setelah migrate, bisa dilihat di phpMyAdmin.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> mahasiswa		2	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> migrations		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
<input type="checkbox"/> users		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
3 tables	Sum	2	InnoDB	latin1_swedish_ci	48 KiB	0 B

Klik menu registrasi dan isikan data sesuai keinginan



Setelah register akan otomatis login



Buat controller baru dengan cara dibawah ini dengan nama usersController

```
C:\xampp\htdocs\laravel-crud>php artisan make:controller \\Admin\\UsersController -r -mUser
Controller created successfully.
C:\xampp\htdocs\laravel-crud>
```

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

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         //
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     /**
```

Activate Windows
Go to Settings to activate

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

routes > web.php > ...

```
9
10 | Here is where you can register web routes for your application. These
11 | routes are loaded by the RouteServiceProvider within a group which
12 | contains the "web" middleware group. Now create something great!
13 |
14 */
15
16 Route::get('/', function () {
17     return view('welcome');
18 });
19
20 Route::get('/mahasiswa', 'MahasiswaController@index');
21
22 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
23
24 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
25
26 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
27
28 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
29
30 Route::post('/mahasiswa/update', 'MahasiswaController@update');
31
32 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
33
34 Auth::routes();
35
36 Route::get('/home', 'HomeController@index')->name('home');
37 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
38
```

Activate Windows
Go to Settings to activate

Untuk cek route bisa menggunakan cara di bawah ini

Command Prompt

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.update	App\Http\Controllers\Auth\ResetPasswordController@reset	web
	GET HEAD	password/reset/{token}	password.request	App\Http\Controllers\Auth\ResetPasswordController@showResetForm	web
	POST	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ResetPasswordController@showResetForm	web
	POST	register	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>

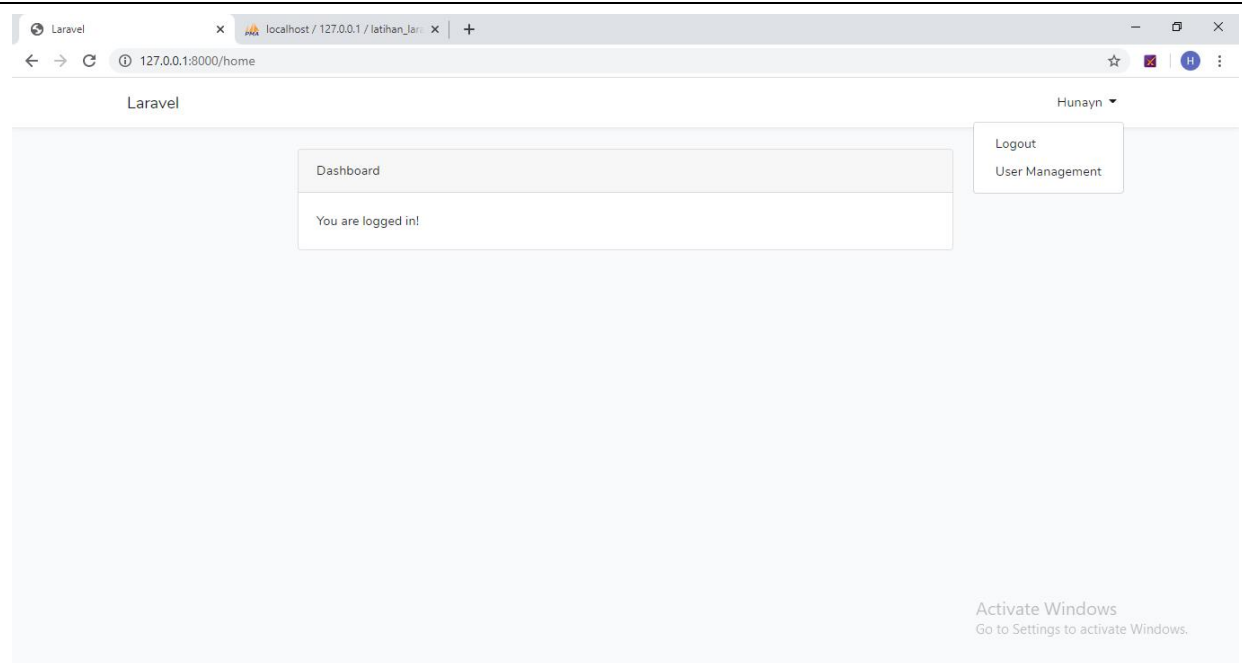
Masuk ke file “app.blade.php” pada “resources->views->layouts” tambahkan script seperti line 65-67

```

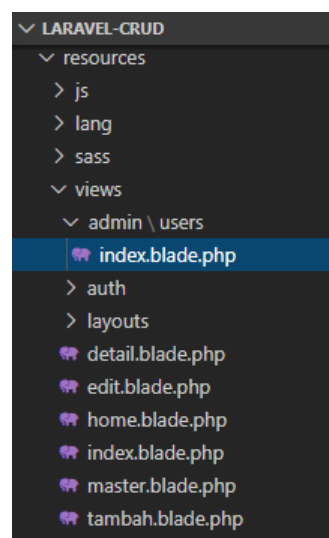
> div#navbarSupportedContent.collapse.navbar-collapse > ul.navbar-nav.ml-auto > li.nav-item.dropdown > div.dropdown-menu.dropdown-menu-right >
47 | </li>
48 | @if (Route::has('register'))
49 | <li class="nav-item">
50 |   <a class="nav-link" href="{{ route('register') }}">{{ __('Register') }}</a>
51 | </li>
52 | @endif
53 | @else
54 | <li class="nav-item dropdown">
55 |   <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="button" data-toggle="dropdown">
56 |     {{ Auth::user()->name }} <span class="caret"></span>
57 |   </a>
58 |
59 |   <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
60 |     <a class="dropdown-item" href="{{ route('logout') }}" onclick="event.preventDefault();
61 |       document.getElementById('logout-form').submit();">
62 |       {{ __('Logout') }}
63 |     </a>
64 |
65 |     <a class="dropdown-item" href="{{ route('users.index') }}">
66 |       User Management
67 |     </a>
68 |
69 |     <form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;">
70 |       @csrf
71 |     </form>
72 |   </div>
73 | </li>
74 | @endguest
75 | </ul>
76 | </div>
77 | </div>
78 | </nav>
79 |

```

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



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



Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http->Controllers->Admin”

```

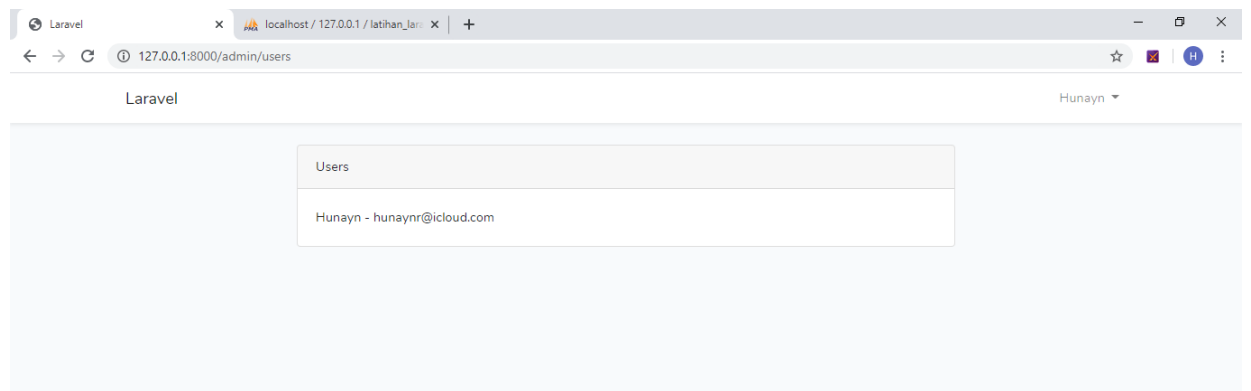
app > Http > Controllers > Admin > UsersController.php > PHP Intelephense > UsersController > index
16     public function index()
17     {
18         //
19         $users = User::all();
20         return view('admin.users.index')->with('users', $users);
21     }

```

Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.

```
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
```

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

Tambahkan `Route::middleware('auth')` untuk melakukan filter HTTP request sebelum dilakukan eksekusi terhadap controller crud mahasiswa, spesifik middleware Laravel ini adalah untuk memverifikasi user yang diotentikasi.

```

routes > web.php > #Function#bc8ecf6a
16 Route::get('/', function () {
17     return view('welcome');
18 });
19
20 Route::middleware('auth')->group(function () {
21     Route::get('/mahasiswa', 'MahasiswaController@index');
22
23     Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
24
25     Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
26
27     Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
28
29     Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
30
31     Route::post('/mahasiswa/update', 'MahasiswaController@update');
32
33     Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
34 });
35
36 Auth::routes();
37
38 Route::get('/home', 'HomeController@index')->name('home');
39 Route::resource('/admin/users', 'Admin\UsersController', ['except' => ['show', 'create', 'store']]);
40

```

Laravel

localhost / 127.0.0.1 / latihan_lar... X +

127.0.0.1:8000/login

Login Register

Login

E-Mail Address

Password

☐ Remember Me

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

Home

localhost / 127.0.0.1 / latihan_lar... X +

127.0.0.1:8000/mahasiswa

Data Mahasiswa

[Tambah Data Mahasiswa](#)

Nama	NIM	
nanda	1001001001	Detail Edit Hapus
wahyu	1001001002	Detail Edit Hapus

