

LAPORAN PEMROGRAMAN WEB LANJUT

JOBSHEET 12

MEMBUAT LOGIN MENGGUNAKAN LARAVEL

Oleh:

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PROGRAM STUDI TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

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A. Praktikum: Membuat Login di Laravel

- 1) Buka project Laravel “laravel-crud”
- 2) Install UI dengan composer. Dengan cara di bawah ini

```
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.
15 packages you are using are looking for funding.
Use the composer fund command to find out more!
```

- 3) Install authentication bawaan Laravel. Dengan cara dibawah ini.

```
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.
```

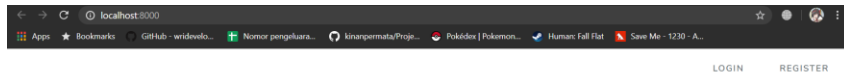
- 4) Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yand diubah hanya bagian “Route::get('/')”

```
20 // Route::get('/', 'MahasiswaController@index');
21
22 Route::get('/', function(){
23     return view('welcome');
24 });
```

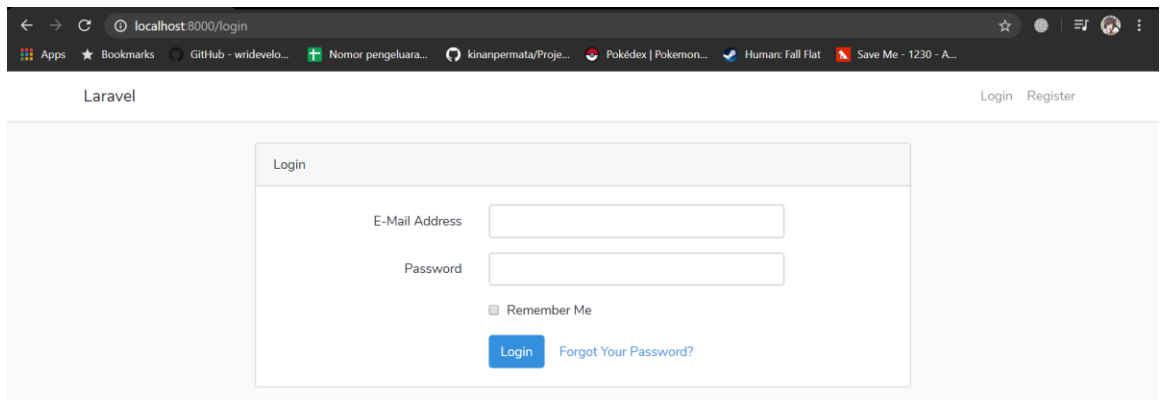
- 5) Jalankan Laravel nya, dengan perintah dibawah ini

```
C:\xampp\htdocs\laravel-crud>php artisan serve
Laravel development server started: http://127.0.0.1:8000
```

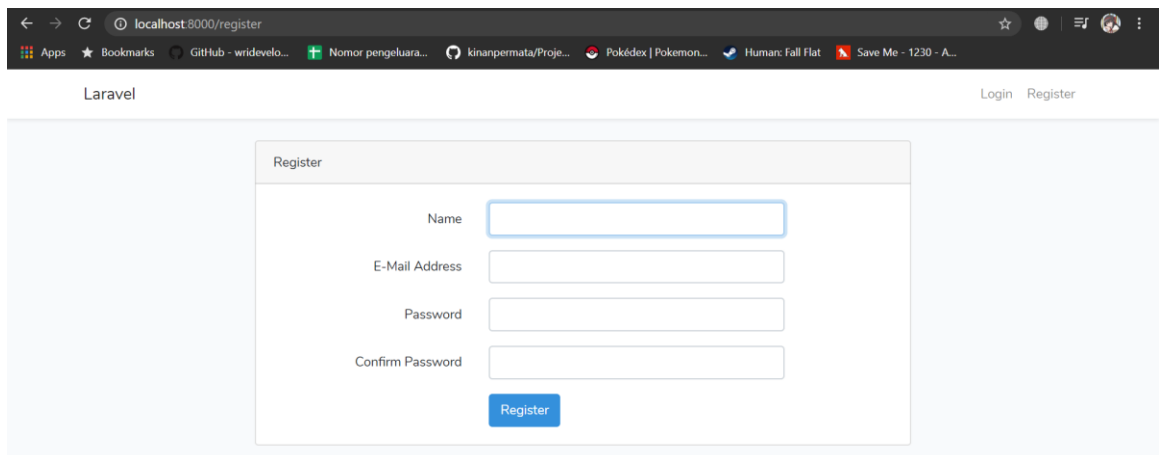
- 6) Buka linknya di browser, dengan mengetik `http://localhost:8000/`. Setelah itu akan muncul seperti dibawah ini



- 7) Jika klik login akan muncul seperti ini



- 8) Jika klik register akan muncul seperti ini



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

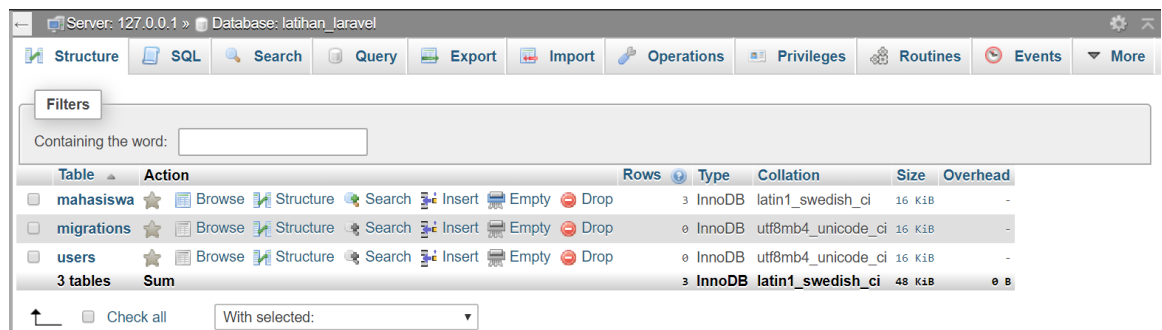
```
PS C:\xampp\htdocs\laravel-crud> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table

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_unique`(`email`
))

at C:\xampp\htdocs\laravel-crud\vendor\laravel\framework\src\Illuminate\Database\Connect
ion.php:670
666|         // If an exception occurs when attempting to run a query, we'll format th
e error
```

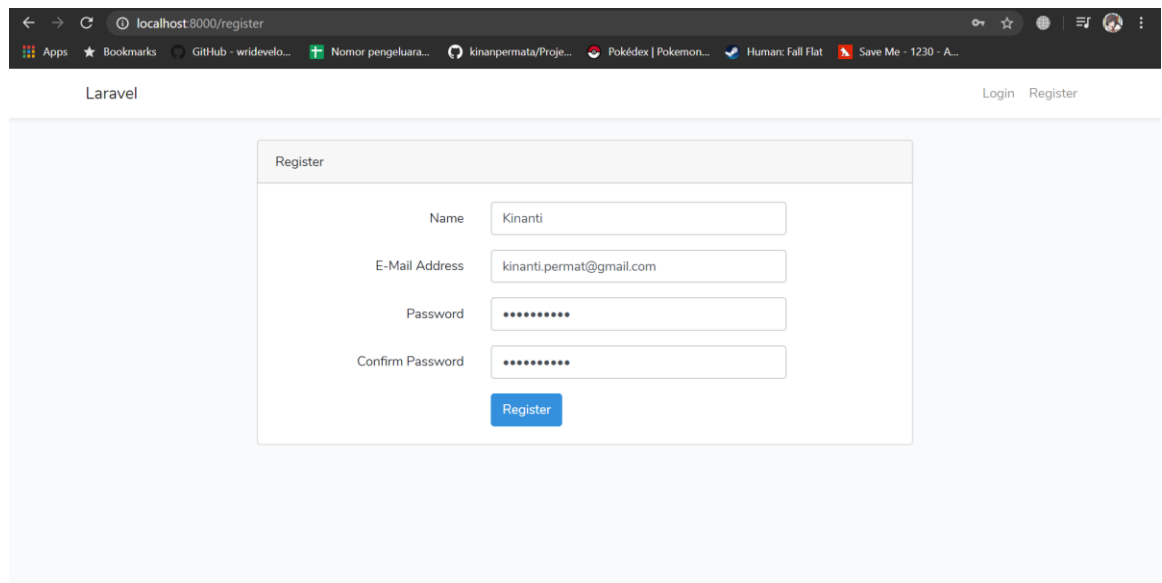
10) Hasil setelah migrate, bisa dilihat di phpMyAdmin.



The screenshot shows the phpMyAdmin interface for a database named 'latihan_laravel'. The 'Structure' tab is selected, displaying a list of tables: 'mahasiswa', 'migrations', and 'users'. The 'users' table is highlighted. Below the table list, there are options to 'Check all' and a dropdown for 'With selected:'.

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

11) Klik menu registrasi dan isikan data sesuai keinginan



The screenshot shows the Laravel registration form at localhost:8000/register. The form has fields for Name, E-Mail Address, Password, and Confirm Password. The Name field is filled with 'Kinanti', and the E-Mail Address field is filled with 'kinanti.permat@gmail.com'. The Password and Confirm Password fields are masked with dots. A 'Register' button is at the bottom of the form.

Register

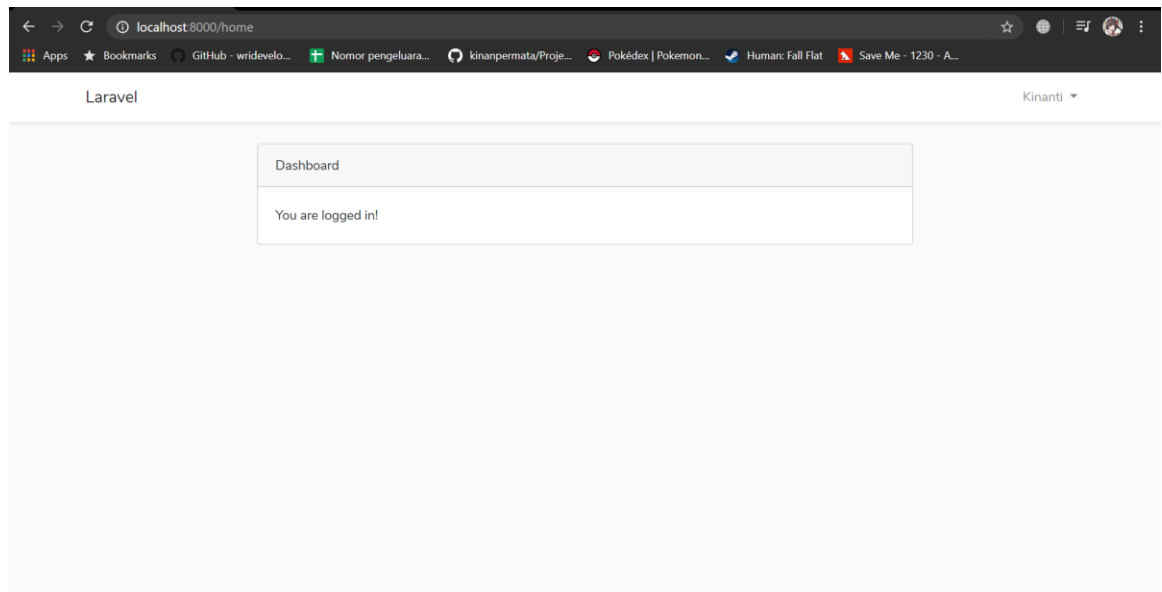
Name

E-Mail Address

Password

Confirm Password

12) Setelah register akan otomatis login



13) 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.
```

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

```
app > Http > Controllers > admin > UsersController.php > PHP Intelephense
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      */
26     public function create()
27     {
28         //
29     }
30
31     /**
32      * Store a newly created resource in storage.
33      *
34      * @param \Illuminate\Http\Request $request
35      * @return \Illuminate\Http\Response
36      */
37     public function store(Request $request)
38     {
```

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

```
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', ['expect' => ['show', 'create', 'store']]);
```

16) Untuk cek route bisa menggunakan cara di bawah ini

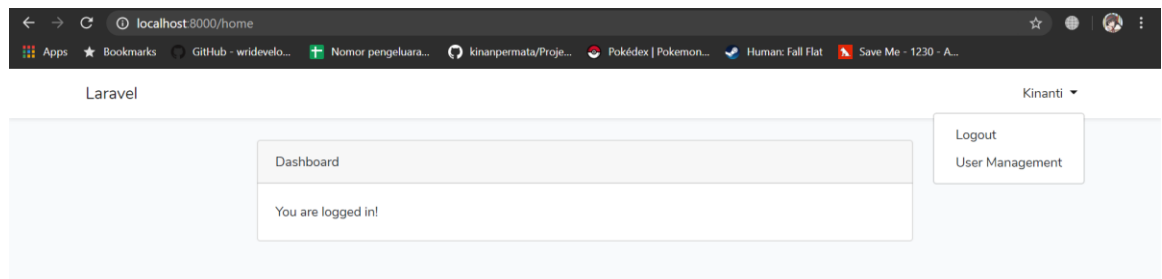
C:\xampp\htdocs\laravel-crud>php artisan route:list

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/		Closure	
	POST	admin/users	users.store	App\Http\Controllers\Admin\UsersController@store	web
	GET HEAD	admin/users	users.index	App\Http\Controllers\Admin\UsersController@index	web
	GET HEAD	admin/users/create	users.create	App\Http\Controllers\Admin\UsersController@create	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}	users.show	App\Http\Controllers\Admin\UsersController@show	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
	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
	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
	GET HEAD	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ResetPasswordController@showResetForm	web
	POST	register		App\Http\Controllers\Auth\RegisterController@register	web,guest
	GET HEAD	register	register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest

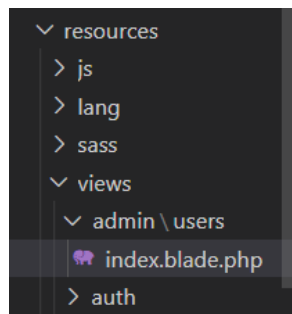
- 17) Masuk ke file “app.blade.php” pada “resources->views->layouts” tambahkan script seperti line 65-67

```
57 <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
58 <a class="dropdown-item" href="{{ route('logout') }}"
59   onclick="event.preventDefault();
60     document.getElementById('logout-form').submit();"
61   {{ __('Logout') }}"
62 </a>
63
64
65 <a class="dropdown-item" href="{{ route('users.index') }}">
66   User Management
67 </a>
68
```

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



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



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

```
app > Http > Controllers > admin > UsersController.php > PHP Intelephense > UsersController

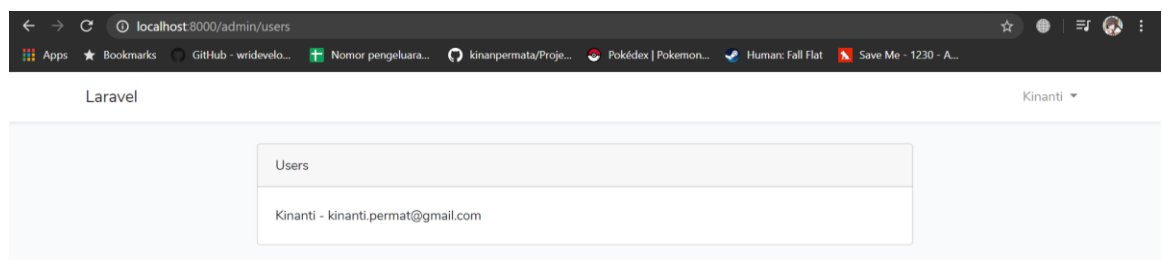
1  <?php
2
3  namespace App\Http\Controllers\admin;
4
5  use App\Http\Controllers\Controller;
6  use App\User;
7  use Illuminate\Http\Request;
8
9  class UsersController extends Controller
10 {
11     /**
12      * Display a listing of the resource.
13      *
14      * @return \Illuminate\Http\Response
15      */
16     public function index()
17     {
18         $users = User::all();
19         return view('admin.users.index')->with('users', $users);
20     }
21 }
```

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
```

22) Hasil akhirnya akan seperti dibawah ini



B. Tugas

- 1) Tambahkan function construct di file MahasiswaController

```
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 }
```

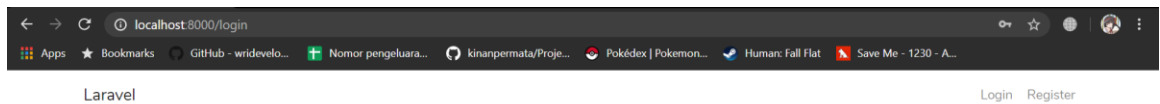
- 2) Tambahkan fitur dropdown Mahasiswa di app.blade.php (resource/views/layouts)

```
64
65 <a class="dropdown-item" href="{{route('users.index')}}">
66     User Management
67 </a>
68
69 <a class="dropdown-item" href="/mahasiswa">
70     Mahasiswa
71 </a>
```

- 3) Tambahkan route get index yang mengarah ke mahasiswa

```
26 Route::get('/mahasiswa', 'MahasiswaController@index');
```

- 4) Setelah itu, buka localhost:8000 dan masukkan email dan password



Login

E-Mail Address

kinanti.permat@gmail.com

Password

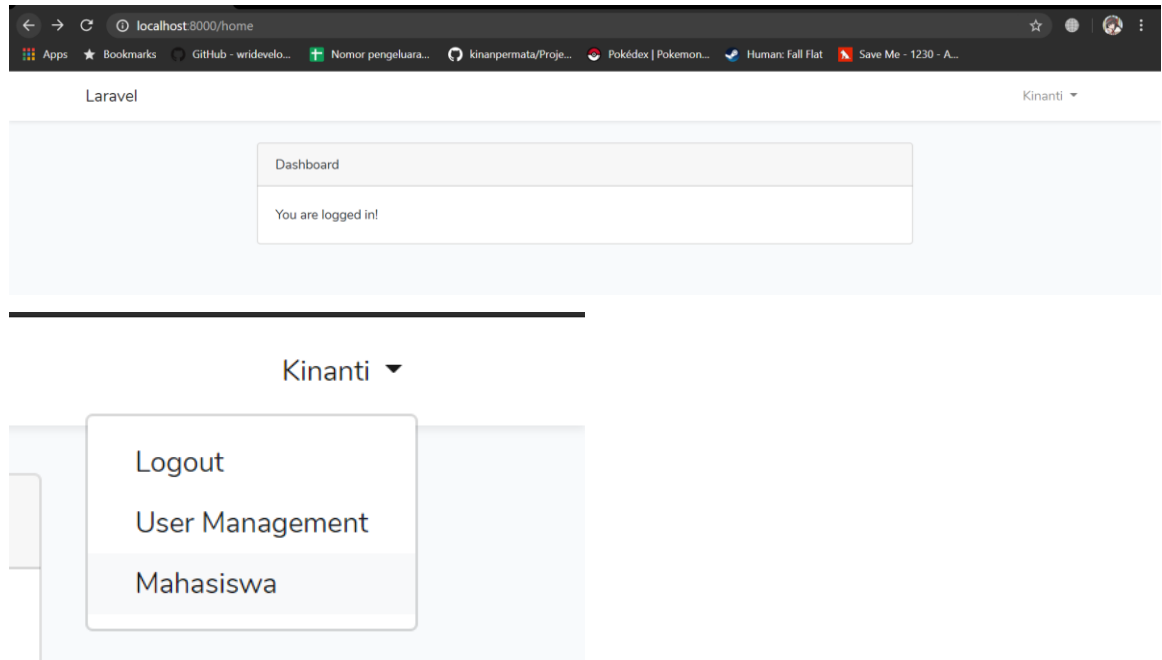
.....

☐ Remember Me

Login

Forgot Your Password?

- 5) Setelah itu, anda akan masuk ke halaman admin. Klik profil untuk memunculkan dropdown dan klik Mahasiswa



- 6) Menu Mahasiswa sudah berhasil diakses

