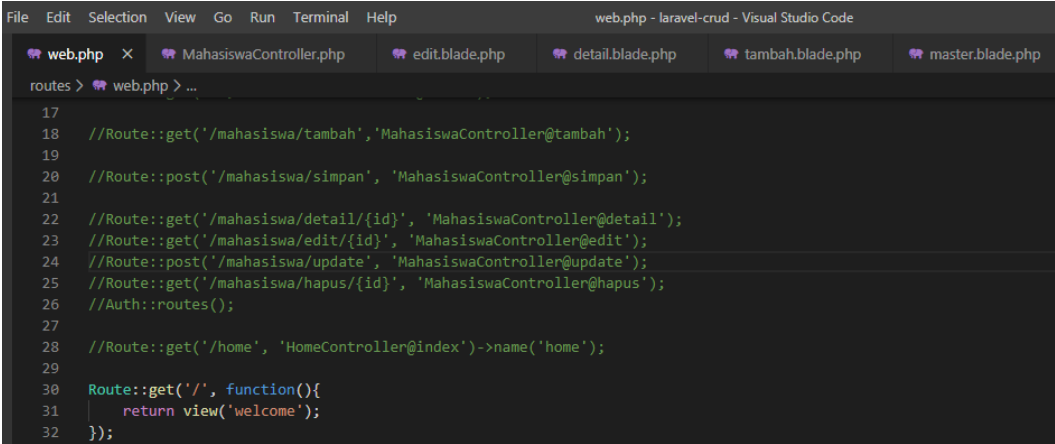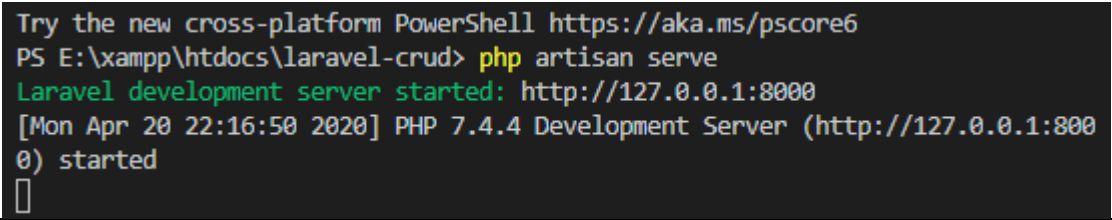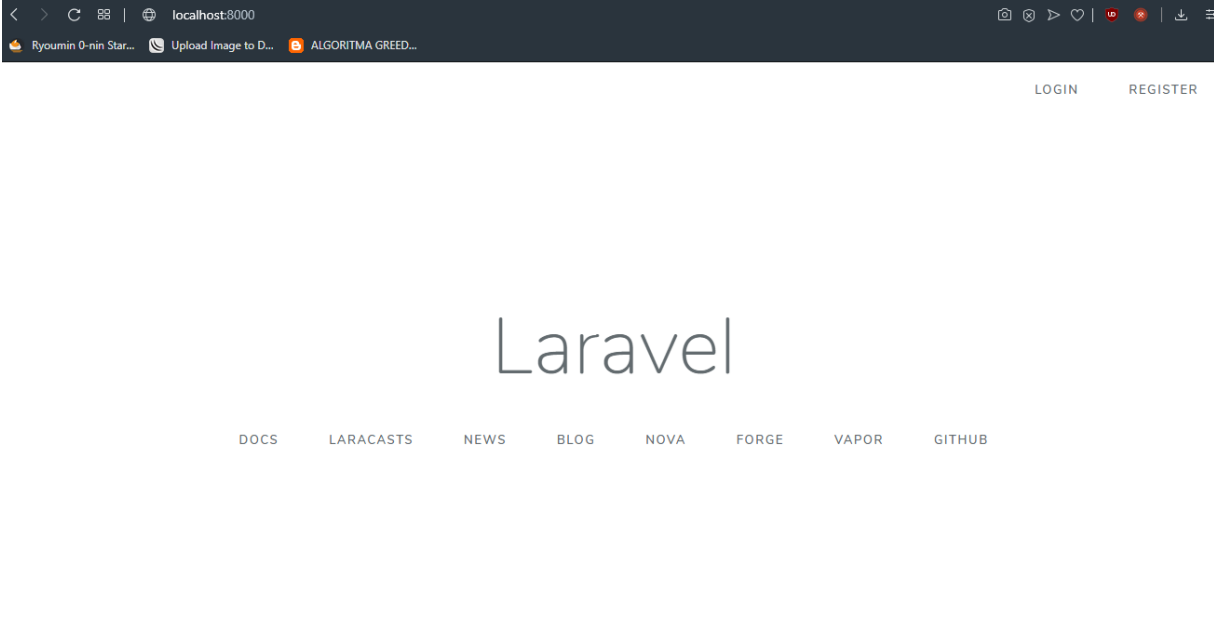# LAPORAN PEMROGRAMAN WEB LANJUT
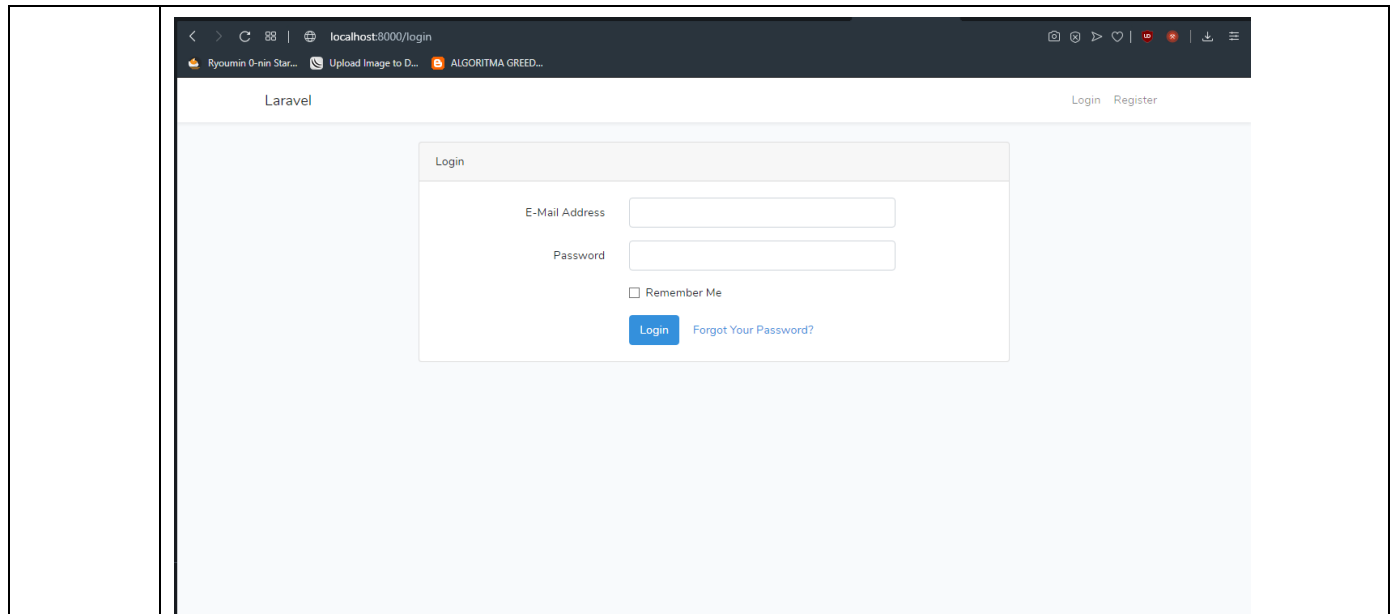
Login Laravel

Oleh :

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PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
APRIL 2020
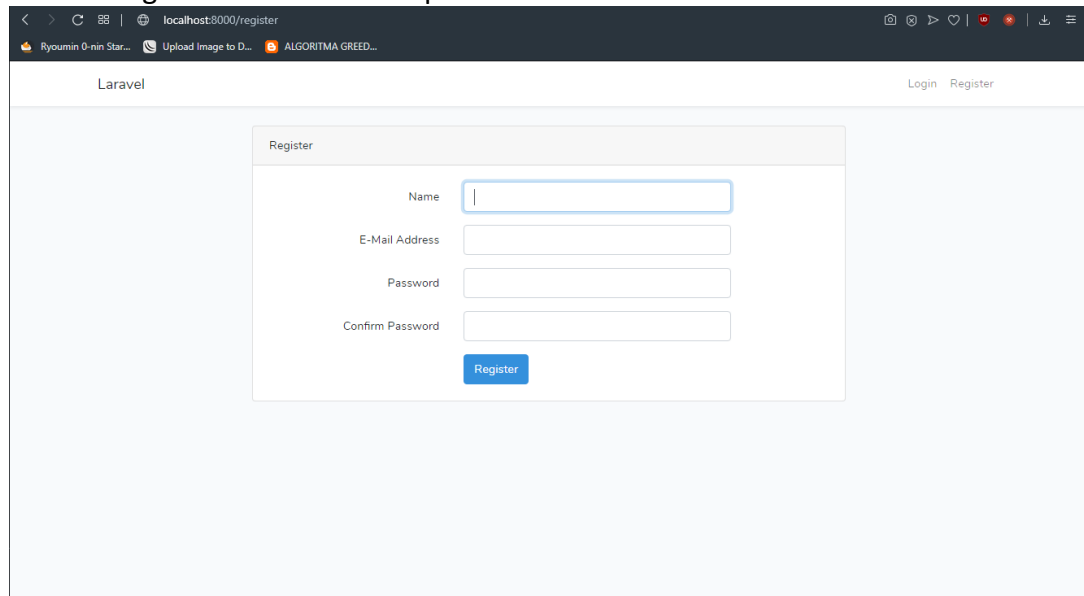
Praktikum: Membuat Login di Laravel

Langkah	Keterangan
1	Buka project Laravel "**laravel-crud**"
2	Install UI dengan composer. Dengan cara di bawah ini ``` E:\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. ``` E:\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 lainya tetap, yand diubah hanya bagian "**Route::get('/')**"
	
	``php
	17
	18 //Route::get('/mahasiswa/tambah','MahasiswaController@tambah');
	19
	20 //Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
	21
	22 //Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
	23 //Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
	24 //Route::post('/mahasiswa/update', 'MahasiswaController@update');
	25 //Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
	26 //Auth::routes();
	27
	28 //Route::get('/home', 'HomeController@index')->name('home');
	29
	30 Route::get('/', function(){
	31 return view('welcome');
	32 });
	``

5	Jalankan Laravel nya, dengan perintah dibawah ini ``` Try the new cross-platform PowerShell https://aka.ms/pscore6 PS E:\xampp\htdocs\laravel-crud> php artisan serve Laravel development server started: http://127.0.0.1:8000 [Mon Apr 20 22:16:50 2020] PHP 7.4.4 Development Server (http://127.0.0.1:800 0) started ```
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.	

```
E:\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 (1.24 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (0.11 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (0.04 seconds)
```

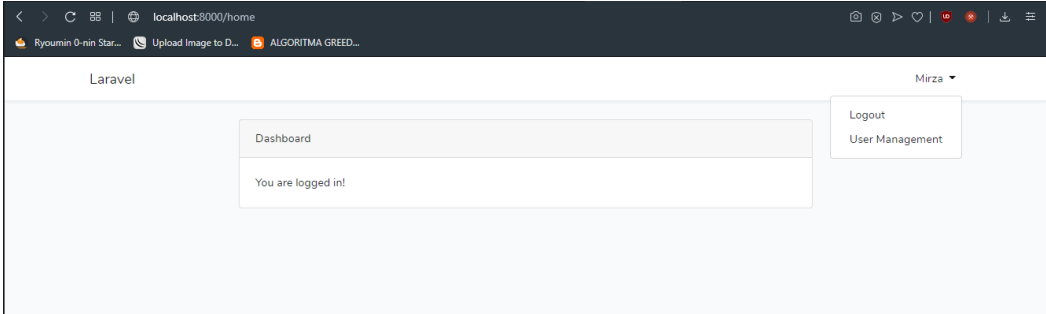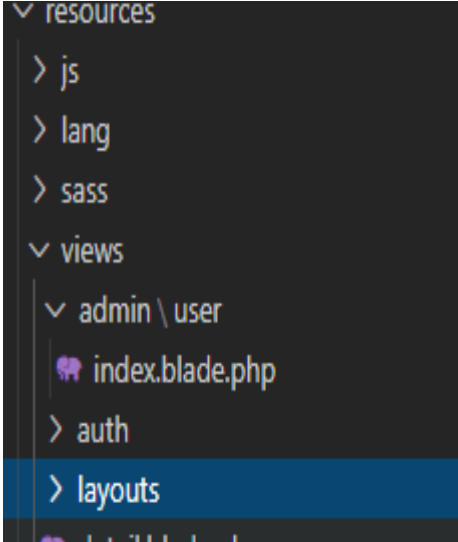| 10	Hasil setelah migrate, bisa dilihat di phpMyAdmin.
11	Klik menu registrasi dan isikan data sesuai keinginan

12	Setalah 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
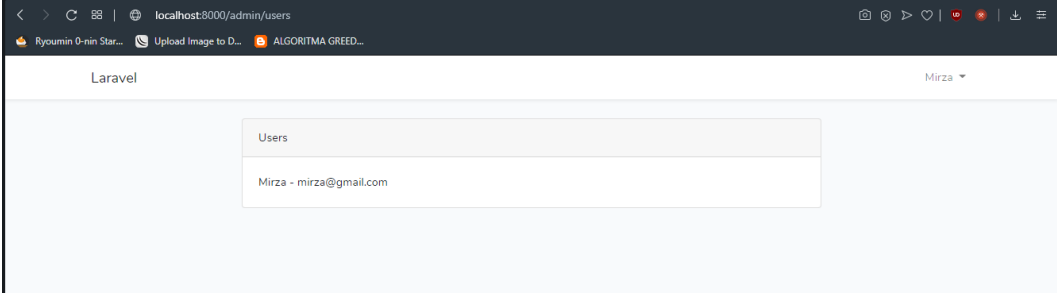
```php
<?php

namespace App\Http\Controllers\Admin;

use App\Http\Controllers\Controller;
use App\User;
use Illuminate\Http\Request;

class UsersController extends Controller
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        //
    }
```

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

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

16	Untuk cek route bisa menggunakan cara di bawah ini

```
E:\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/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    |
|        | 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@showResetForm | web       |
|        | GET|HEAD  | register                | register         | App\Http\Controllers\Auth\RegisterController@showRegistrationForm | web,guest |
|        | POST      | register                |                  | App\Http\Controllers\Auth\RegisterController@register       | web,guest     |
+--------+-----------+-------------------------+------------------+-------------------------------------------------------------+---------------+
```

17	Masuk ke file "**app.blade.php**" pada "**resources->views->layuouts**" tambahkan script seperti line 65-67

18	Hasilnya akan mucul 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**"

```php
public function index()
{
    $users = User::all();
    return view('admin.user.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 > user > index.blade.php > div.container > div.row.justify-content-center > div.col-md-8 > div.card > div.card-header
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">
9                       Users
10                  </div>
11                  <div class="card-body">
12                      @foreach ($users as $user)
13                      {{ $user->name }} - {{ $user->email }}
14                      @endforeach
15                  </div>
16              </div>
17          </div>
18      </div>
19  </div>
20  @endsection
```

22	Hasil akhirnya akan seperti dibawah ini

localhost:8000/admin/users

Laravel   Mirza ▼

Users

Mirza - mirza@gmail.com

Tambahan tugas:
- Pertemuan minggu lalu atau ke-11 untuk membuka CRUDnya harus login terlebih dahulu, jika belum login tidak bisa melakukan CRUD

1	Membuat Route middleware dengan group function berisikan seluruh Route aksi CRUD

```
25    Route::middleware('auth')->group(function () {
26        Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
27        Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
28        Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail');
29        Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
30        Route::post('/mahasiswa/update', 'MahasiswaController@update');
31        Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus');
32    });
```

2	Pada App/Providers/RouteServiceProvider.php edit seperti digambar

```
24        public const HOME = '/';
```

3	Masih dapat diakses data mahasiswa

4	Tetapi saat ingin melakukan CRUD maka harus login terlebih dahulu