LAPORAN PRAKTIKUM

PEMROGRAMAN WEB LANJUT

Jobsheet-12

Login Laravel

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PROGRAM STUDI TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2020

Topik

Membuat Login dengan Framework Laravel

Tujuan

Mahasiswa diharapkan dapat:

1. Memahami bagaimana konfigurasi auth menggunakan Laravel
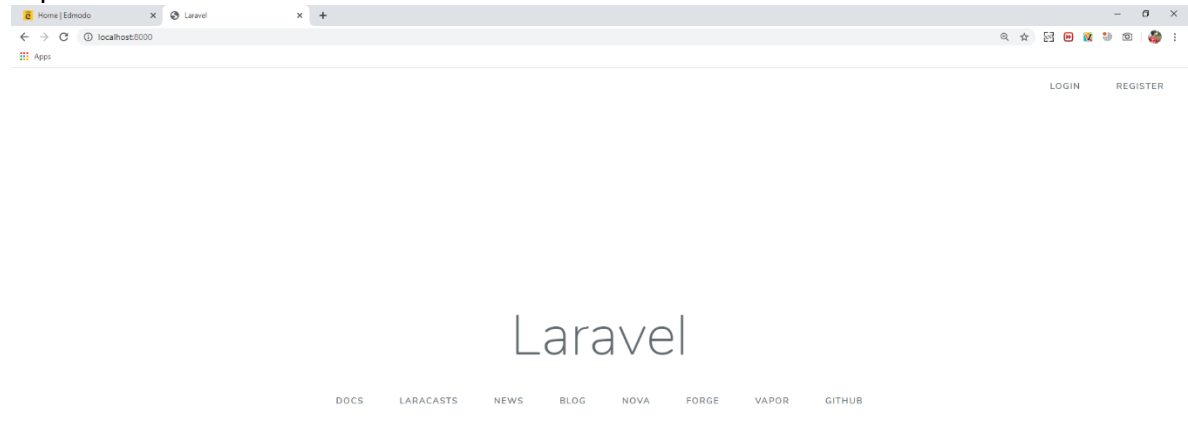2. Memahami bagaimana migrate ke database menggunakan Laravel

Praktikum: Membuat Login di Laravel

Langkah	Keterangan
1	Buka project Laravel "**laravel-crud**"
2	terminal Install UI dengan composer. Dengan cara di bawah ini

Terminal pada langkah 2:

```
C:\Users\De_Hansingingslasher>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.
```

| 3 | ```
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.
``` |
|---|---|
| | Install authentication bawaan Laravel. Dengan cara dibawah ini. |

| 4 | Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainya tetap, yand diubah hanya bagian "**Route::get('/')**"<br><br>```
web.php        MahasiswaController.php

routes > web.php
15
16    Route::get('/', function () {
17        return view('welcome');
18    });
19
20    //Route::get('/', 'MahasiswaController@index');
21
22    Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah');
23
24    Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan');
25
``` |
|---|---|
| 5 | Jalankan Laravel nya, dengan perintah dibawah ini<br><br>```
C:\xampp\htdocs\laravel-crud>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Mon Apr 20 07:01:59 2020] 127.0.0.1:50260 [200]: /favicon.ico
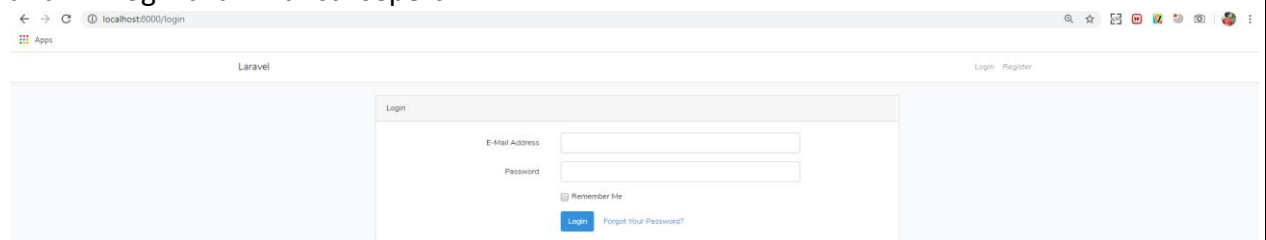[Mon Apr 20 07:02:12 2020] 127.0.0.1:50270 [200]: /favicon.ico
``` |

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.
| | ```
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 (1.02 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (1.13 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (3.05 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\\UserController -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 UserController extends Controller
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        //
    }


    /**
     * Show the form for editing the specified resource.
     *
     * @param  \App\User  $user
     * @return \Illuminate\Http\Response
     */
    public function edit(User $user)
    {
        //
    }


    /**
     * Update the specified resource in storage.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  \App\User  $user
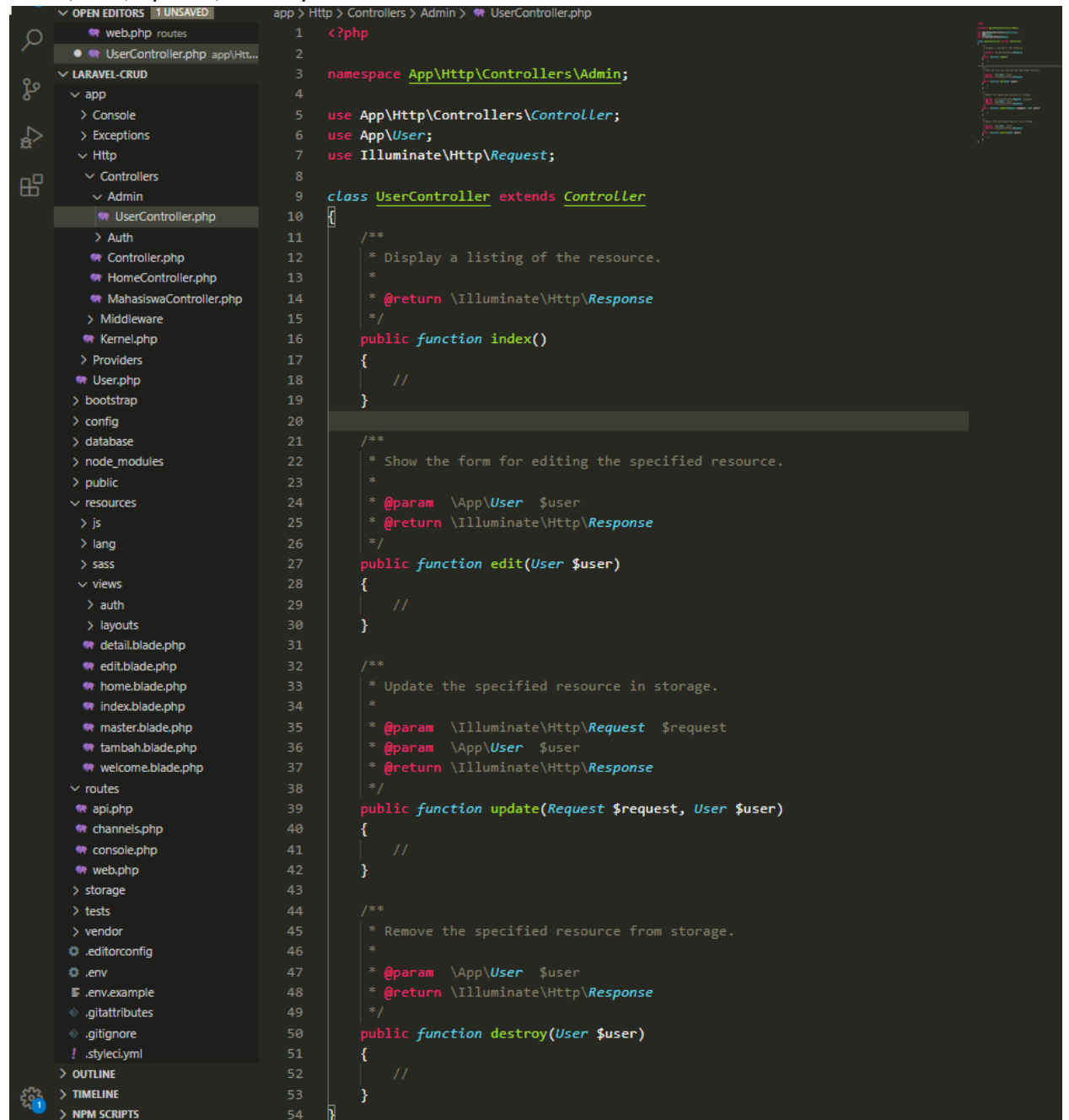     * @return \Illuminate\Http\Response
     */
    public function update(Request $request, User $user)
    {
        //
    }


    /**
     * Remove the specified resource from storage.
     *
     * @param  \App\User  $user
     * @return \Illuminate\Http\Response
     */
    public function destroy(User $user)
    {
        //
    }
}
```
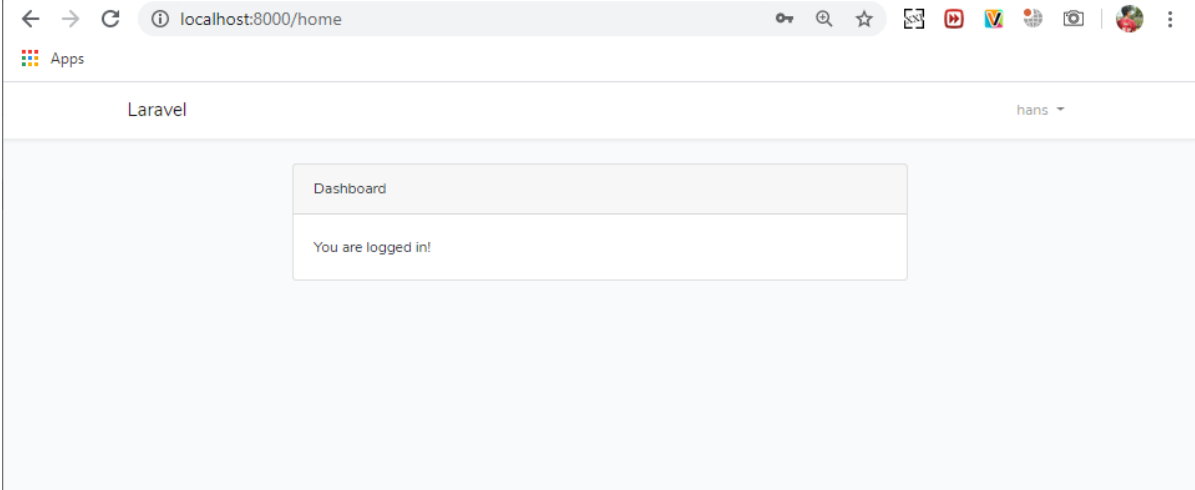
15	Buka file web.php. Tambahkan script seperti pada line 43

	``php
	16 Route::get('/', function(){
	17 return view('welcome');
	18 });
	19
	20 // Route::get('/', '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
	39```

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	/		App\Http\Controllers\MahasiswaController@index	web
	GET|HEAD	api/user		Closure	api,auth:api
	GET|HEAD	home	home	App\Http\Controllers\HomeController@index	web,auth
	POST	login		App\Http\Controllers\Auth\LoginController@login	web,guest
	GET|HEAD	login	login	App\Http\Controllers\Auth\LoginController@showLoginForm	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		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
	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->layuouts**" tambahkan script seperti line 65-67

| | ```html
60   document.getElementById('logout-form').submit();">
61   {{ __('Logout') }}
62
63
64
65   User Management
66
67
68   <form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;">
69   @csrf
70   </form>``` |
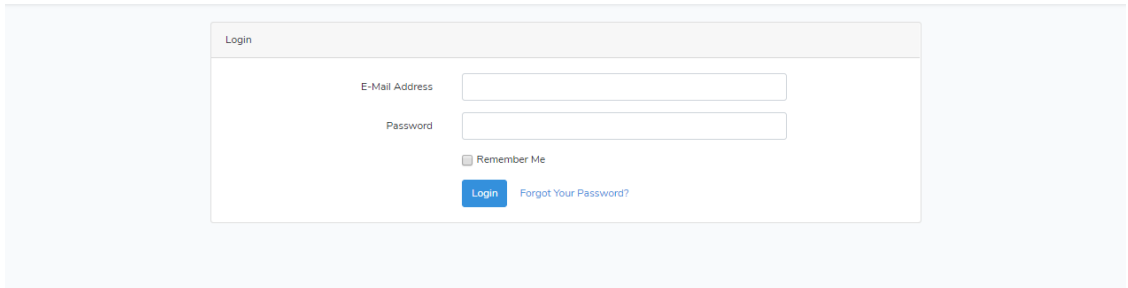
18	Hasilnya akan mucul saat kita klik nama user. Akan muncul menu baru yaitu User Management
	Laravel hans ▾
	Logout
	User Management
	Dashboard
	You are logged in!

19	Buat sebuah file "**index.blade.php**" di dalam folder users dengan membuat folder baru "**admin dan users**" pada "**resources->views**"
	∨ resources
	> js
	> lang
	> sass
	∨ views
	∨ admin \ users
	≡ index.blade.php
	> auth
	∨ layouts
	≡ app.blade.php

20	Tulis script seperti line 18-19, pada file "**UsersController.php**" pada "**app->Http>Controllers->Admin**"
| | ```
16    public function index()
17    {
18        $users=User::all();
19        return view('admin.users.index')->with('users',$users);
20    }
21
``` |
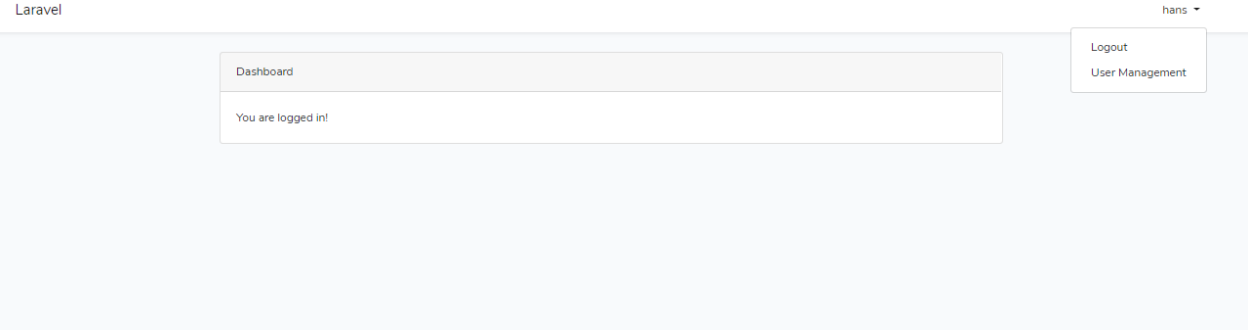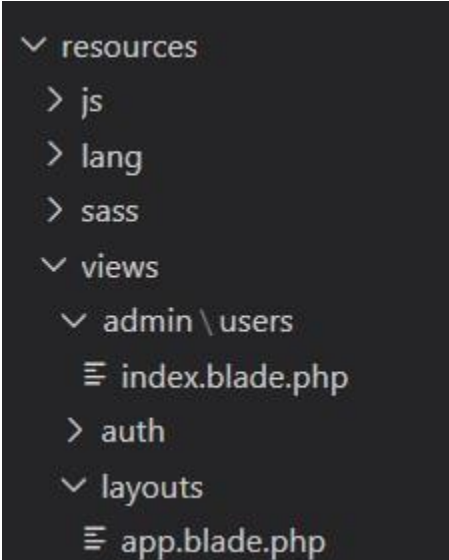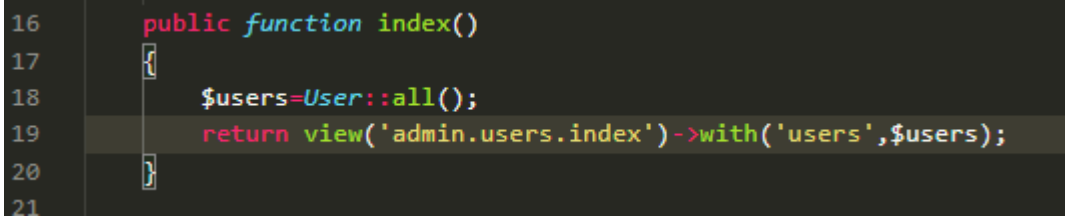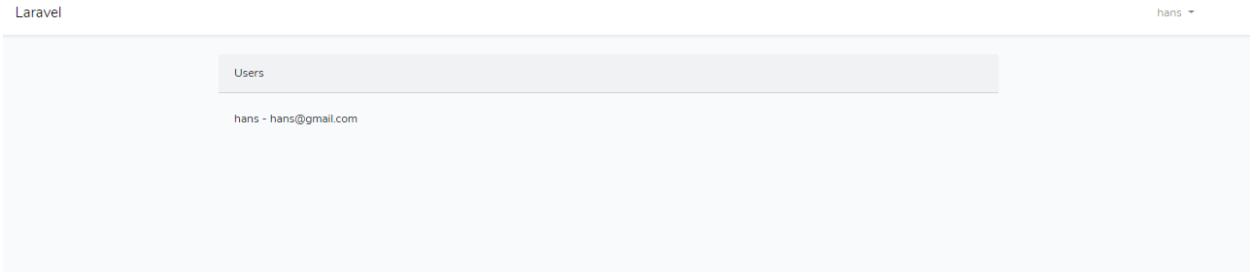
21	Buka file "**index.blade.php**" yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.
	resources > views > admin > users > 🐘 index.blade.php

```
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-header"> Users</div>
8
9                <div class="card-body">
10               @foreach($users as $user)
11                   {{$user->name}} - {{$user->email}}
12               @endforeach
13               </div>
14           </div>
15       </div>
16   </div>
17   @endsection
```
|
| 22 | Hasil akhirnya akan seperti dibawah ini |
| | Laravel   hans ▾

Users

hans - hans@gmail.com |

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

Jawaban

1.	Membuat public function construct di controller mahasiswa
| | ```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use Illuminate\Support\Facades\DB;

class MahasiswaController extends Controller
{

    public function __construct()
    {
        $this->middleware('auth');
    }
}
``` |
| 2. | Masuk ke file "**app.blade.php**" pada "**resources->views->layuouts**" tambahkan script seperti line 68-70 |
| | ```
64          <a class="dropdown-item" href="{{route('users.index')}}"
65          User Management
66          </a>
67
68          <a class="dropdown-item" href="/mahasiswa">
69          Mahasiswa
70          </a>
``` |
| 3 | Buka routes -> web.php dan mengubah route get (/) menjadi (/mahasiswa) di bagian MahasiswaController@index |
| | ```php
Route::get('/mahasiswa', 'MahasiswaController@index');
``` |
| 4 | Setiap menjalankan localhost:8000/mahasiswa jika belum login maka akan langsung menuju halaman login |
| | Laravel   Login Register

Login

E-Mail Address   [   ]

Password   [   ]

                  □ Remember Me

                  [Login] Forgot Your Password? |

5	Jika sudah masuk ke halaman login maka otomatis akan menuju halaman localhost:8000/mahasiswa dan bisa melakukan crud
	ⓘ localhost:8000/mahasiswa
	Data Mahasiswa
	[Tambah Data Mahasiswa] [Home]
	<table><tr><th>Nama</th><th>NIM</th><th></th></tr><tr><td>nanda</td><td>1001001001</td><td>Detail Edit Delete</td></tr><tr><td>wahyu</td><td>1001001002</td><td>Detail Edit Delete</td></tr></table>

-- Selamat Mengerjakan --