

LAPORAN JS 12  
PEMOGRAMAN WEB LANJUT



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2020

Laravel

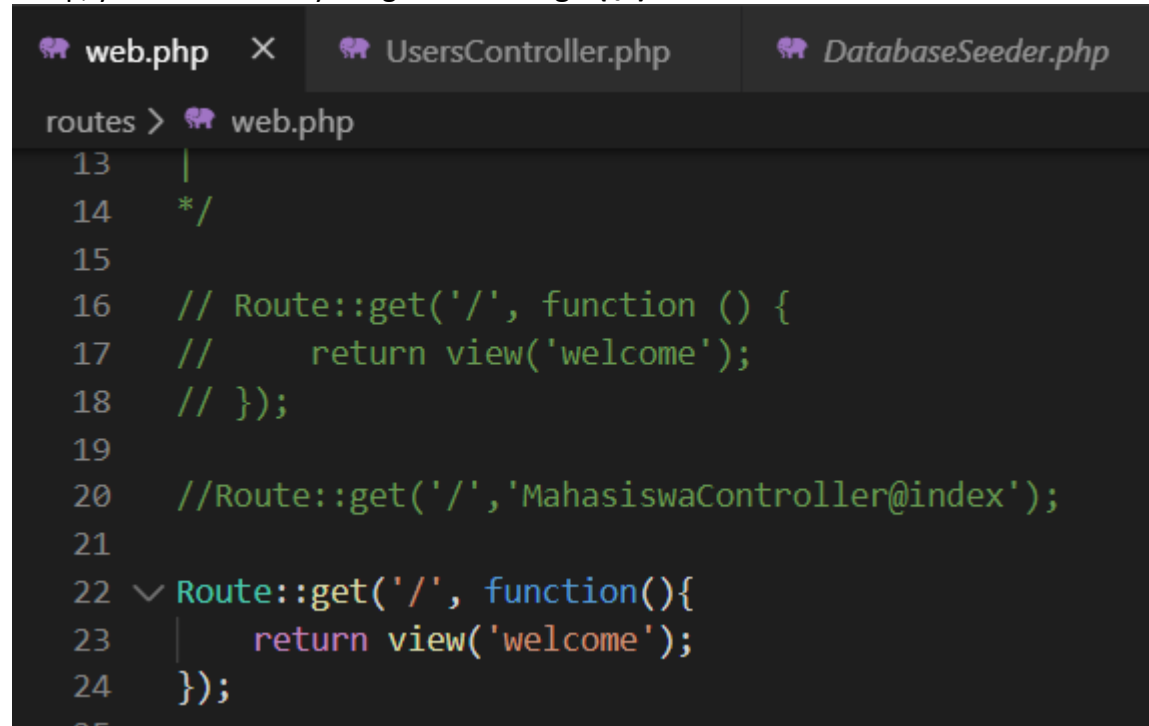
**Praktikum: Membuat Login di Laravel**

Langkah	Keterangan
1	Buka project Laravel “ <b>laravel-crud</b> ”

2	<p>Install UI dengan composer. Dengan cara di bawah ini</p> <pre>C:\xampp\htdocs\LARAVEL\laravel-crud&gt;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 &gt; Illuminate\Foundation\ComposerScripts::postAutoloadDump &gt; @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>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p> <pre>C:\xampp\htdocs\LARAVEL\laravel-crud&gt;php artisan ui vue --auth Vue scaffolding installed successfully. Please run "npm install &amp;&amp; npm run dev" to compile your fresh scaffolding. Authentication scaffolding generated successfully.</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('/')"**



```
routes > web.php
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
```

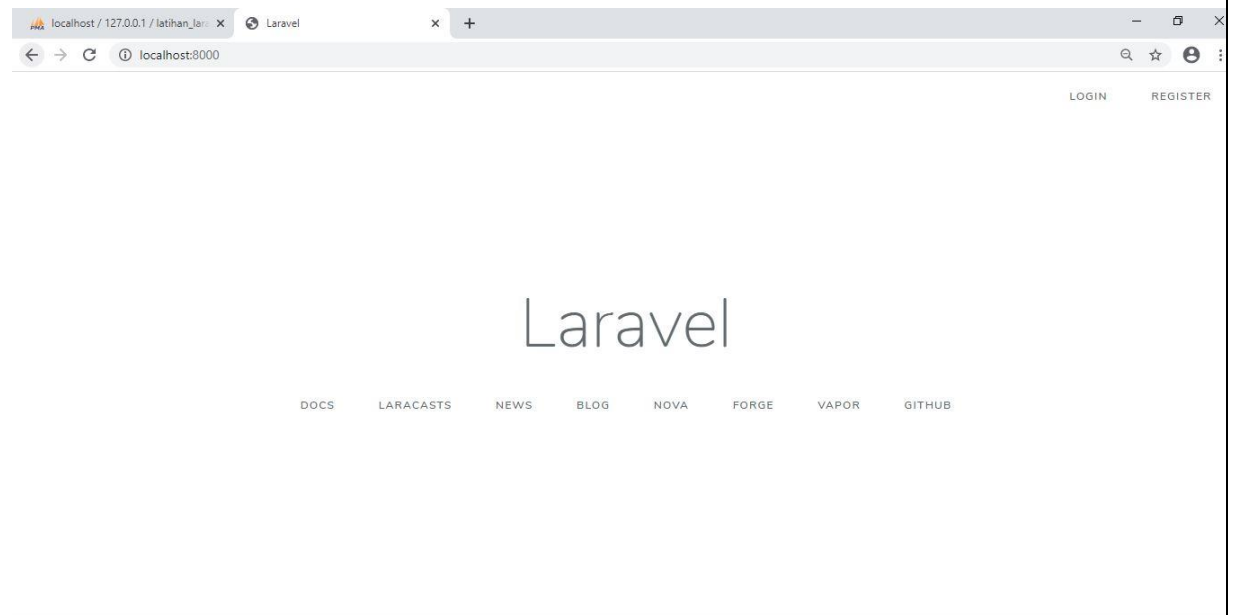
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Jalankan Laravel nya, dengan perintah dibawah ini

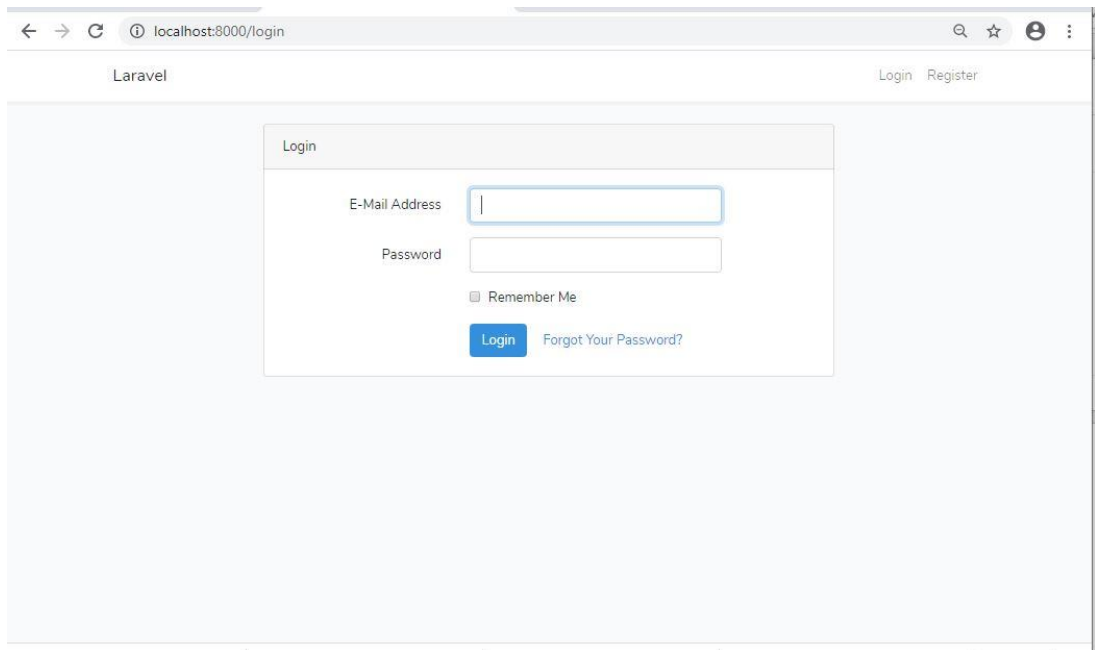
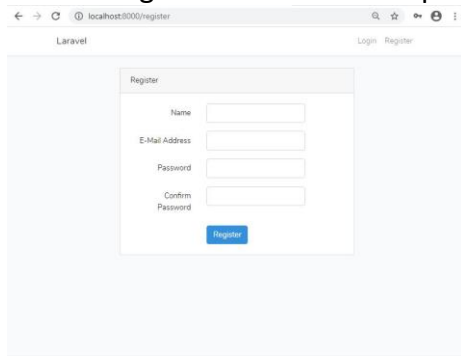
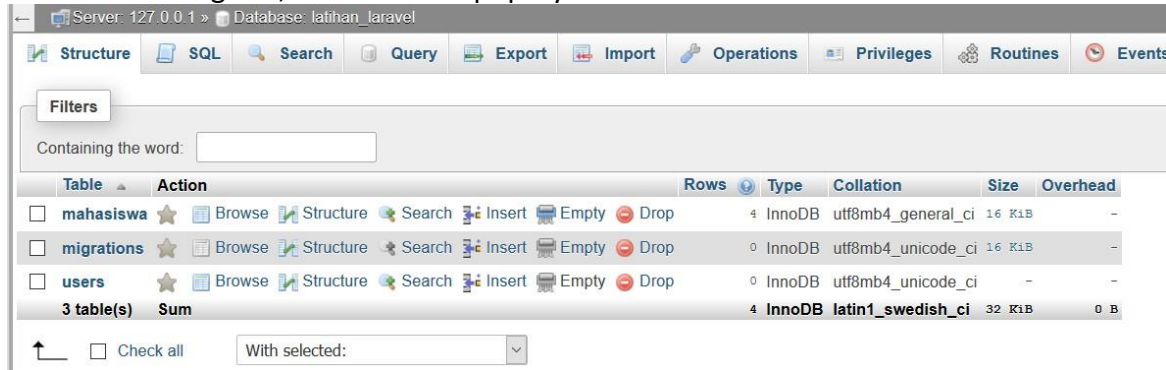
```
C:\xampp\htdocs\LARAVEL\laravel-crud>php artisan ui vue --auth
Vue scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.
Authentication scaffolding generated successfully.
```

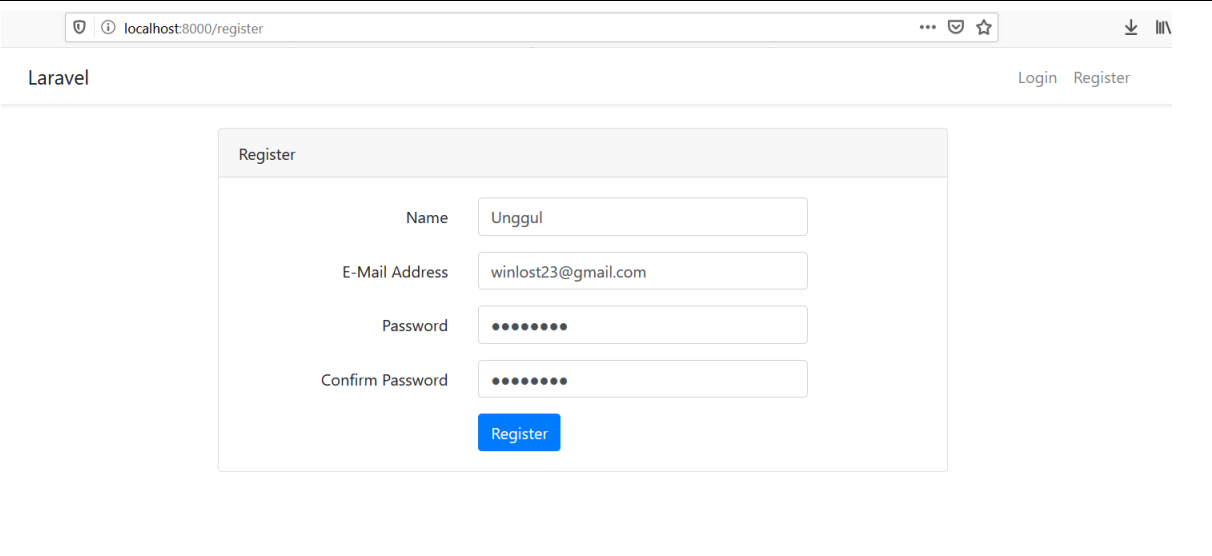
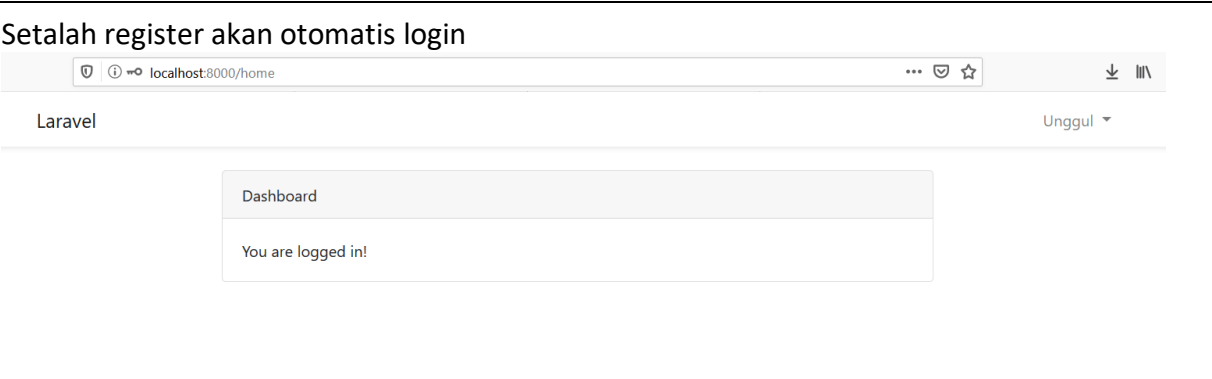

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Buka linknya di browser, dengan mengetik <http://localhost:8000/>. Setelah itu akan muncul seperti dibawah ini



7	Jika klik login akan muncul seperti ini
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8	<p>Jika klik register akan muncul seperti ini</p> 																																			
9	<p>Untuk menambahkan table users ke dalam mysql, gunakan perintah dibawah.</p> <pre>C:\xampp\htdocs\laravel-crud&gt;php artisan migrate Migration table created successfully.</pre>																																			
10	<p>Hasil setelah migrate, bisa dilihat di phpMyAdmin.</p>  <table><thead><tr><th>Table</th><th>Action</th><th>Rows</th><th>Type</th><th>Collation</th><th>Size</th><th>Overhead</th></tr></thead><tbody><tr><td><input type="checkbox"/> mahasiswa</td><td> </td><td>4</td><td>InnoDB</td><td>utf8mb4_general_ci</td><td>16 KiB</td><td>-</td></tr><tr><td><input type="checkbox"/> migrations</td><td> </td><td>0</td><td>InnoDB</td><td>utf8mb4_unicode_ci</td><td>16 KiB</td><td>-</td></tr><tr><td><input type="checkbox"/> users</td><td> </td><td>0</td><td>InnoDB</td><td>utf8mb4_unicode_ci</td><td>-</td><td>-</td></tr><tr><td>3 table(s) Sum</td><td></td><td>4</td><td>InnoDB</td><td>latin1_swedish_ci</td><td>32 KiB</td><td>0 B</td></tr></tbody></table>	Table	Action	Rows	Type	Collation	Size	Overhead	<input type="checkbox"/> mahasiswa		4	InnoDB	utf8mb4_general_ci	16 KiB	-	<input type="checkbox"/> migrations		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-	<input type="checkbox"/> users		0	InnoDB	utf8mb4_unicode_ci	-	-	3 table(s) Sum		4	InnoDB	latin1_swedish_ci	32 KiB	0 B
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11	<p>Klik menu registrasi dan isikan data sesuai keinginan</p>																																			

	
12	<p>Setelah register akan otomatis login</p> 
13	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p> 
14	<p>Buka file <b>UsersController.php</b> pada “<b>app-&gt;Http-&gt;Controllers-&gt;Admin</b>” dan sisakan function index, edit, update, destroy</p>





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

```

web.php x UsersController.php
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  /*
6  |-----
7  | Web Routes
8  |-----
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

```

16

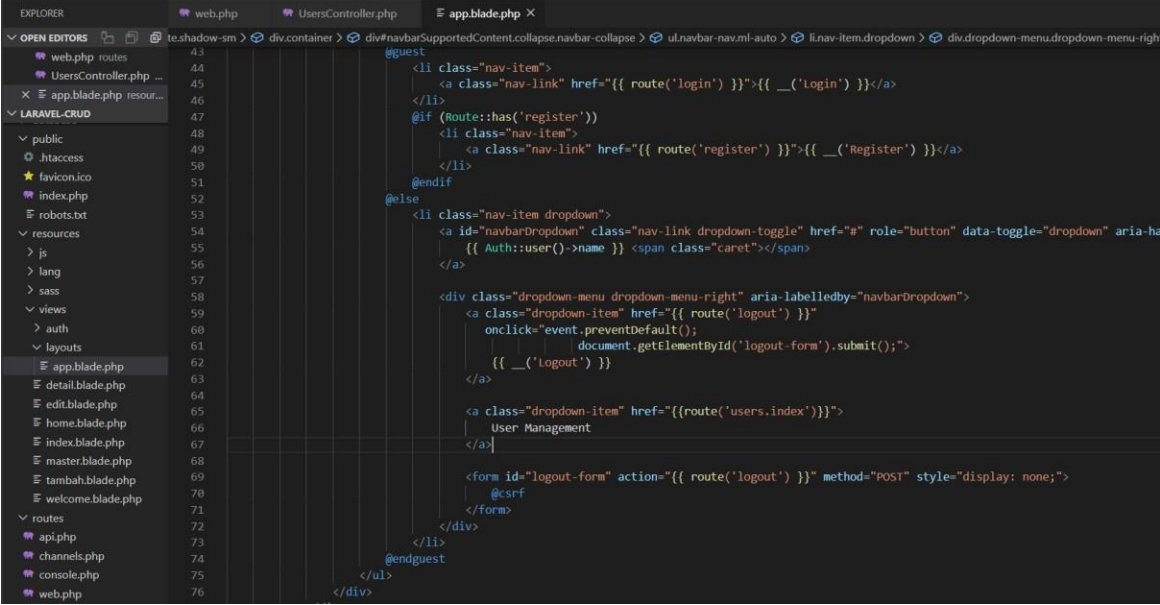
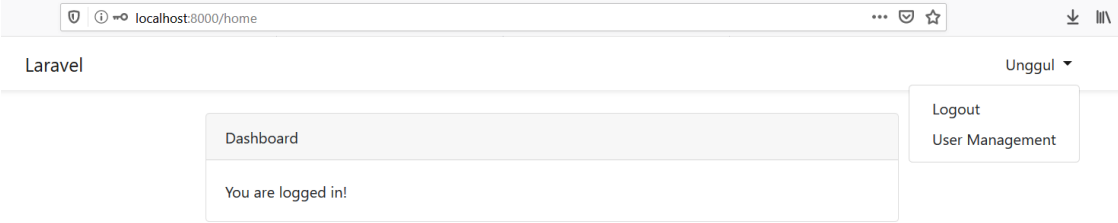
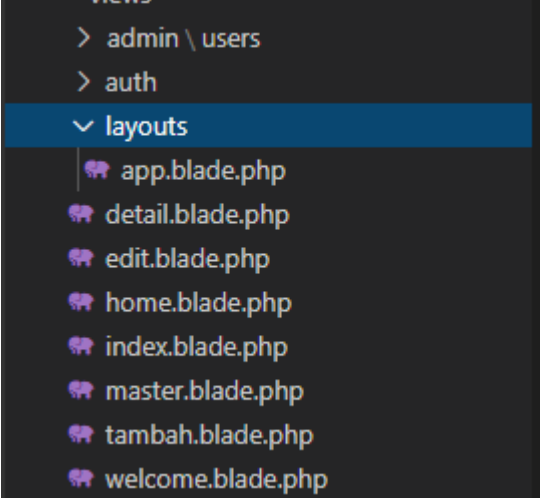
Untuk cek route bisa menggunakan cara di bawah ini

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	password.confirm	App\Http\Controllers\Auth\ConfirmPasswordController@confirm	web,auth
	GET HEAD	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@showResetForm	web
	GET HEAD	password/reset/{token}	password.reset	App\Http\Controllers\Auth\ForgotPasswordController@showResetForm	web
	POST	register		App\Http\Controllers\Auth\RegisterController@register	web,guest
	GET HEAD		register	App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web,guest

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Masuk ke file "app.blade.php" pada "resources-&gt;views-&gt;layouts" tambahkan script seperti line 65-67

	 <pre> 43 @guest 44 &lt;li class="nav-item"&gt; 45   &lt;a class="nav-link" href="{{ route('login') }}"&gt;{{ __('Login') }}&lt;/a&gt; 46 &lt;/li&gt; 47 @if (Route::has('register')) 48   &lt;li class="nav-item"&gt; 49     &lt;a class="nav-link" href="{{ route('register') }}"&gt;{{ __('Register') }}&lt;/a&gt; 50   &lt;/li&gt; 51 @endif 52 @else 53   &lt;li class="nav-item dropdown"&gt; 54     &lt;a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"&gt; 55       {{ Auth::user()-&gt;name }} &lt;span class="caret"&gt;&lt;/span&gt; 56     &lt;/a&gt; 57     &lt;div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown"&gt; 58       &lt;a class="dropdown-item" href="{{ route('logout') }}"&gt; 59         onclick="event.preventDefault(); 60         document.getElementById('logout-form').submit();" 61         {{ __('Logout') }} 62       &lt;/a&gt; 63       &lt;a class="dropdown-item" href="{{ route('users.index') }}"&gt; 64         User Management 65       &lt;/a&gt; 66     &lt;/div&gt; 67   &lt;/li&gt; 68   &lt;form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;"&gt; 69     @csrf 70   &lt;/form&gt; 71 &lt;/div&gt; 72 @endguest 73 &lt;/ul&gt; 74 &lt;/div&gt; </pre>
18	<p>Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management</p> 
19	<p>Buat sebuah file <b>"index.blade.php"</b> di dalam folder users dengan membuat folder baru <b>"admin dan users"</b> pada <b>"resources-&gt;views"</b></p> 

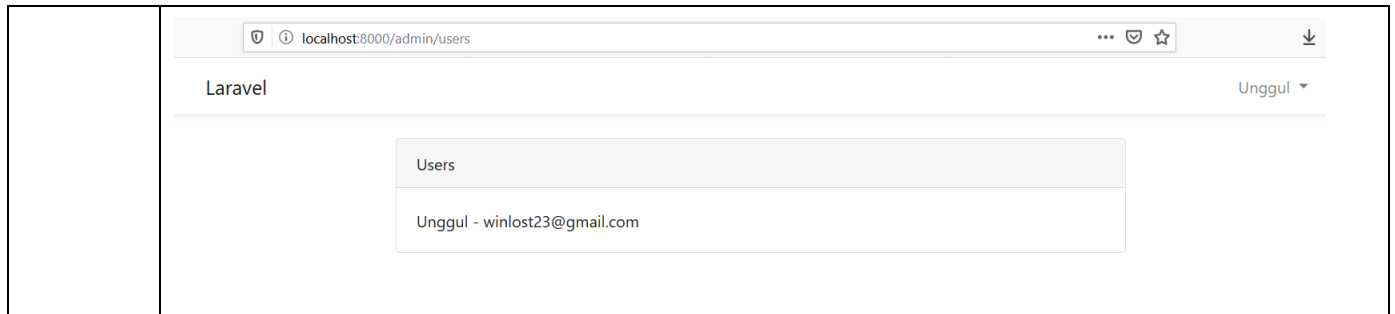
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Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http->Controllers->Admin”

```
web.php  UsersController.php X
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      *
25      * @param \App\User $user
26      * @return \Illuminate\Http\Response
27      */
28     public function edit(User $user)
29     {
30         //
31     }
32
33     /**
```

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21	<p>Buka file “<b>index.blade.php</b>” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p> <pre>resources &gt; views &gt; admin &gt; users &gt; index.blade.php 1  @extends('layouts.app') 2 3  @section('content') 4  &lt;div class="container"&gt; 5      &lt;div class="row justify-content-center"&gt; 6          &lt;div class="col-md-8"&gt; 7              &lt;div class="card-header"&gt; Users&lt;/div&gt; 8 9              &lt;div class="card-body"&gt; 10                 @foreach(\$users as \$user) 11                     {{ \$user-&gt;name }} - {{ \$user-&gt;email }} 12                 @endforeach 13             &lt;/div&gt; 14          &lt;/div&gt; 15      &lt;/div&gt; 16  &lt;/div&gt; 17  @endsection</pre>
22	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

```
UsersController.php  MahasiswaController.php  web.php  index.blade.php
app > Http > Controllers > MahasiswaController.php > MahasiswaController
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use Illuminate\Support\Facades\DB;
7
8  class MahasiswaController extends Controller
9  {
10     public function __construct()
11     {
12         $this->middleware('auth');
13     }
14     public function index()
15     {
16         // mengambil data dari tabel mahasiswa
17         $mahasiswa = DB::table('mahasiswa')->get();
18
19         // mengirim data mahasiswa ke view index
20         return view('index', ['mahasiswa' => $mahasiswa]);
21     }
22 }
```

```
UsersController.php  MahasiswaController.php  index.blade.php  app.blade.php
resources > views > index.blade.php > ...
1  @extends('master')
2  @extends('layouts.app')
3
4  <!-- isi title -->
5  @section('title', 'Home')
6
7  <!-- isi bagian judul halaman -->
8  @section('judul_halaman', 'Data Mahasiswa')
9
10 <!-- isi bagian konten -->
```

-- *Selamat Mengerjakan* --