



### Topik

Membuat Login dengan Framework Laravel

### Tujuan

Mahasiswa diharapkan dapat:

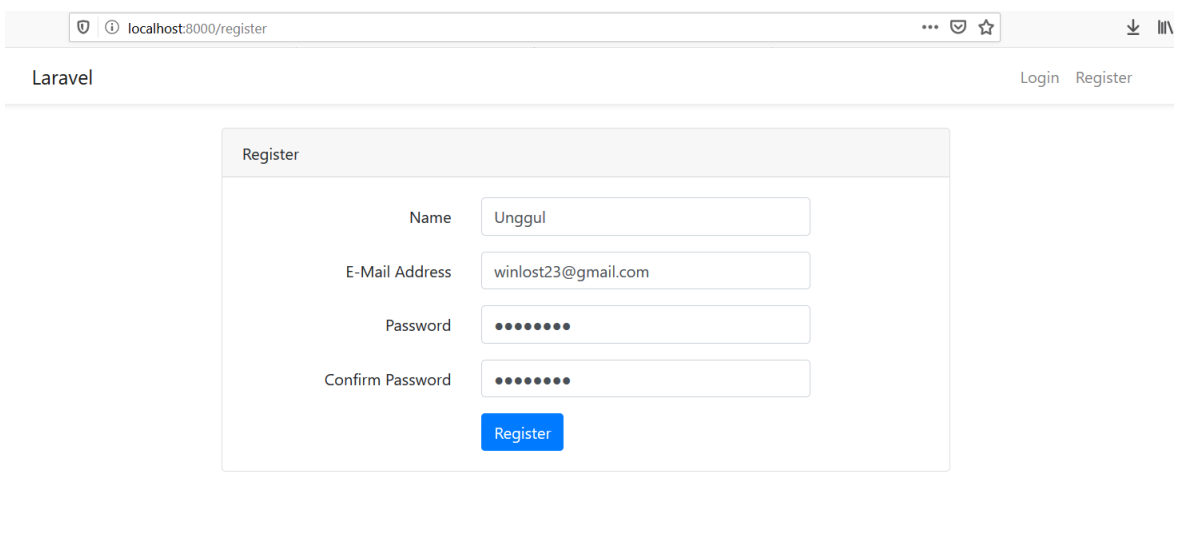
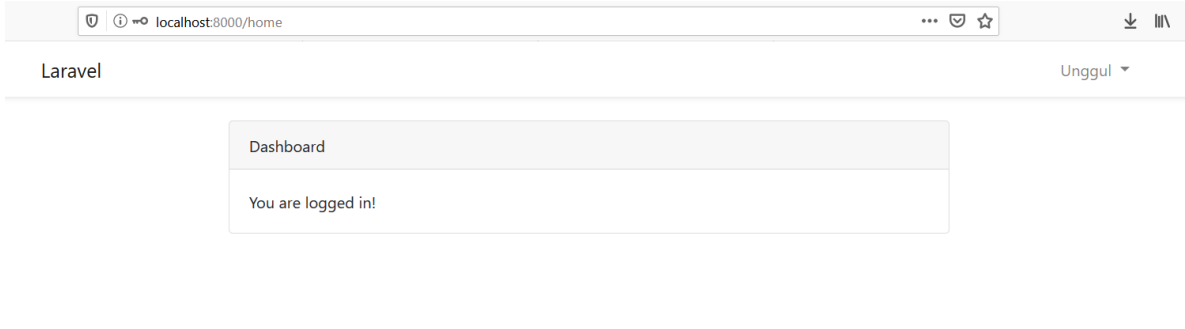
1. Memahami bagaimana konfigurasi auth menggunakan Laravel
2. Memahami bagaimana migrate ke database menggunakan Laravel

### Praktikum: Membuat Login di Laravel

Langkah	Keterangan
1	Buka project Laravel "laravel-crud"
2	<p>Install UI dengan composer. Dengan cara di bawah ini</p> <pre>C:\xampp\htdocs\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-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	<p>Buka file dan edit pada bagian routes-&gt;web.php. Seperti di bawah ini. Untuk script lainnya tetap, yang diubah hanya bagian “Route::get('/')”</p> 
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p> 
6	<p>Buka linknya di browser, dengan mengetik <a href="http://localhost:8000/">http://localhost:8000/</a>. Setelah itu akan muncul seperti dibawah ini</p> 
7	<p>Jika klik login akan muncul seperti ini</p>

	
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> 
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> <pre>C:\xampp\htdocs\laravel-crud&gt;php artisan make:controller \\Admin\\UsersController -r -mUser Controller created successfully.</pre>
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>

<div><div>OPEN EDITORS</div><div><div>web.php routes</div><div>UsersController.php ...</div><div>Controller.php app\Ht...</div><div>app.blade.php resour...</div></div><div>LARAVEL-CRUD</div><div><div>app</div><div>Console</div><div>Exceptions</div><div>Http</div><div>Controllers</div><div>Admin</div><div>UsersController.php</div><div>Auth</div><div>Controller.php</div><div>HomeController.php</div><div>MahasiswaController....</div><div>Middleware</div><div>Authenticate.php</div><div>CheckForMaintenanc...</div><div>EncryptCookies.php</div><div>RedirectIfAuthenticat...</div><div>TrimStrings.php</div><div>TrustProxies.php</div><div>VerifyCsrfToken.php</div><div>Kernel.php</div><div>Providers</div><div>User.php</div></div></div> <tr><td><div>app &gt; Http &gt; Controllers &gt; Admin &gt; UsersController.php</div><div><div>1 &lt;?php</div><div>2</div><div>3 namespace App\Http\Controllers\Admin;</div><div>4</div><div>5 use App\Http\Controllers\Controller;</div><div>6 use App\User;</div><div>7 use Illuminate\Http\Request;</div><div>8</div><div>9 class UsersController extends Controller</div><div>10 {</div><div>11 /**</div><div>12  * Display a listing of the resource.</div><div>13  *</div><div>14  * @return \Illuminate\Http\Response</div><div>15  */</div><div>16 public function index()</div><div>17 {</div><div>18 //</div><div>19 }</div><div>20</div><div>21 /**</div><div>22  * Show the form for editing the specified resource.</div><div>23  *</div><div>24  * @param \App\User \$user</div><div>25  * @return \Illuminate\Http\Response</div><div>26  */</div><div>27 public function edit(User \$user)</div><div>28 {</div><div>29 //</div><div>30 }</div><div>31</div><div>32 /**</div></div></td></tr>	<div>app &gt; Http &gt; Controllers &gt; Admin &gt; UsersController.php</div> <div><div>1 &lt;?php</div><div>2</div><div>3 namespace App\Http\Controllers\Admin;</div><div>4</div><div>5 use App\Http\Controllers\Controller;</div><div>6 use App\User;</div><div>7 use Illuminate\Http\Request;</div><div>8</div><div>9 class UsersController extends Controller</div><div>10 {</div><div>11 /**</div><div>12  * Display a listing of the resource.</div><div>13  *</div><div>14  * @return \Illuminate\Http\Response</div><div>15  */</div><div>16 public function index()</div><div>17 {</div><div>18 //</div><div>19 }</div><div>20</div><div>21 /**</div><div>22  * Show the form for editing the specified resource.</div><div>23  *</div><div>24  * @param \App\User \$user</div><div>25  * @return \Illuminate\Http\Response</div><div>26  */</div><div>27 public function edit(User \$user)</div><div>28 {</div><div>29 //</div><div>30 }</div><div>31</div><div>32 /**</div></div>
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Buka file web.php. Tambahkan script seperti pada line 43

```

routes > web.php
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
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', ['except' => ['show', 'create', 'store']]);
44

```

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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@showConfirmForm	web, auth
	GET HEAD	/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@reset	web
	POST	/register	register	App\Http\Controllers\Auth\RegisterController@register	web, guest
	GET HEAD	/register		App\Http\Controllers\Auth\RegisterController@showRegistrationForm	web, guest

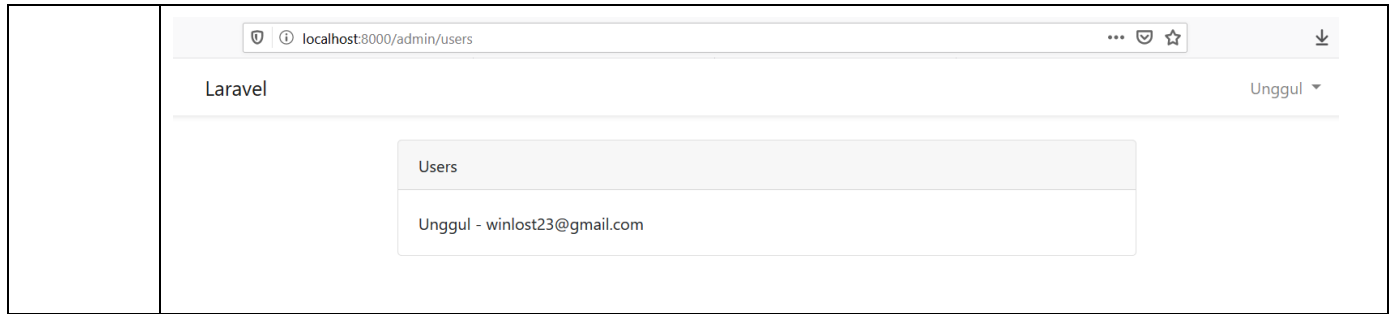
17

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>  <p>Localhost:8000/home</p> <p>Laravel</p> <p>Unngul</p> <p>Dashboard</p> <p>You are logged in!</p> <p>Logout</p> <p>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>  <pre> resources ├── js ├── lang ├── sass ├── views │   ├── admin \ users │   │   └── index.blade.php │   ├── auth │   └── layouts │       └── app.blade.php </pre>

20	<p>Tulis script seperti line 18-19, pada file “UsersController.php” pada “app-&gt;Http-&gt;Controllers-&gt;Admin”</p>  <pre> web.php  UsersController.php  DatabaseSeeder.php  index.blade.php app &gt; Http &gt; Controllers &gt; Admin &gt; UsersController.php 1  &lt;?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')-&gt;with('users', \$users); 20     } 21 22     /** 23      * Show the form for editing the specified resource. 24      */ </pre>
21	<p>Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.</p>  <pre> web.php  UsersController.php  index.blade.php  home.blade.php resources &gt; views &gt; admin &gt; users &gt; index.blade.php &gt; div.container &gt; div.row.justify-c 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"&gt; 8                      &lt;div class="card-header"&gt;Users&lt;/div&gt; 9 10                     &lt;div class="card-body"&gt; 11                         @foreach (\$users as \$user) 12                             {{ \$user-&gt;name }} - {{ \$user-&gt;email }} 13                         @endforeach 14                     &lt;/div&gt; 15                 &lt;/div&gt; 16             &lt;/div&gt; 17         &lt;/div&gt; 18     &lt;/div&gt; 19 @endsection 20 </pre>
22	<p>Hasil akhirnya akan seperti dibawah ini</p>





**Tambahan tugas:**

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

**-- Selamat Mengerjakan --**