

LAPORAN PRAKTIKUM
PEMROGRAMAN WEB LANJUT

LOGIN LARAVEL



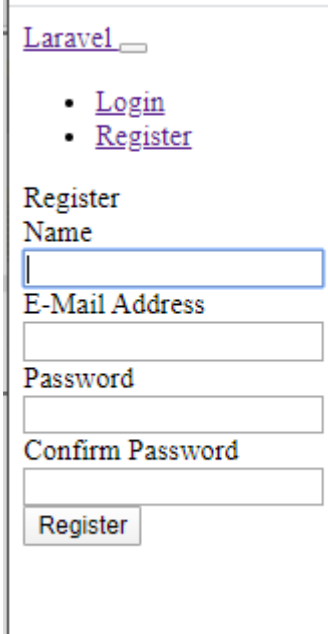
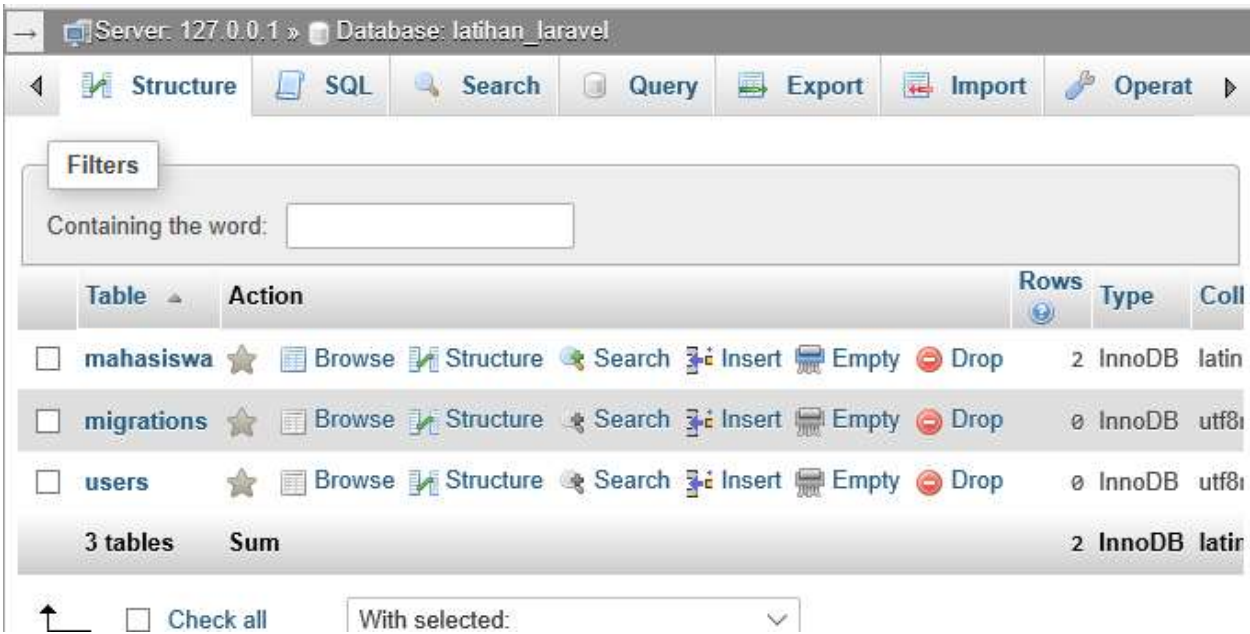
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D-IV TEKNIK INFORMATIKA
TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020

1	Buka project Laravel “laravel-crud”
2	<p>Install UI dengan composer. Dengan cara di bawah ini</p> <pre> 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 (failed) 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. </pre>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p> <pre> 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. C:\xampp\htdocs\laravel-crud> </pre>
4	Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yand diubah hanya bagian “Route::get(‘/’)”

	<pre> 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 26 Route::get('/mahasiswa/tambah', 'MahasiswaController@tambah'); 27 28 Route::post('/mahasiswa/simpan', 'MahasiswaController@simpan'); 29 30 Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@detail'); 31 32 Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit'); 33 34 Route::post('/mahasiswa/update', 'MahasiswaController@update'); 35 36 Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@hapus'); 37 38 Auth::routes(); 39 40 Route::get('/home', 'HomeController@index')->name('home'); 41 </pre>
5	<p>Jalankan Laravel nya, dengan perintah dibawah ini</p> <pre> C:\xampp\htdocs\laravel-crud>php artisan serve Laravel development server started: http://127.0.0.1:8000 [Mon Apr 27 10:44:03 2020] 127.0.0.1:53385 [200]: /favicon.ico </pre>
6	<p>Buka linknya di browser, dengan mengetik http://localhost:8000/. 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>php artisan migrate Migration table created successfully. Migrating: 2014_10_12_000000_create_users_table</pre>
10	<p>Hasil setelah migrate, bisa dilihat di phpMyAdmin.</p> 
11	<p>Klik menu registrasi dan isikan data sesuai keinginan</p>

	
12	Setalah register akan otomatis login
13	<p>Buat controller baru dengan cara dibawah ini dengan nama usersController</p> <pre>C:\xampp\htdocs\laravel-crud>php artisan make:controller \\Admin\\UsersController -r -mUser Controller created successfully.</pre>
14	Buka file UsersController.php pada “app->Http->Controllers->Admin” dan sisakan function index, edit, update, destroy

	<pre> 25 */ 26 public function create() 27 { 28 // 29 } 30 31 /** 32 * Show the form for editing the specified resource. 33 * 34 * @param \App\User \$user 35 * @return \Illuminate\Http\Response 36 */ 37 public function edit(User \$user) 38 { 39 // 40 } 41 42 /** 43 * Update the specified resource in storage. 44 * 45 * @param \Illuminate\Http\Request \$request 46 * @param \App\User \$user 47 * @return \Illuminate\Http\Response 48 */ 49 public function update(Request \$request, User \$user) 50 { 51 // 52 } 53 54 /** 55 * Remove the specified resource from storage. 56 * 57 * @param \App\User \$user 58 * @return \Illuminate\Http\Response 59 */ 60 public function destroy(User \$user) 61 { </pre>
15	<p>Buka file web.php. Tambahkan script seperti pada line 43</p> <pre> 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 </pre>
16	<p>Untuk cek route bisa menggunakan cara di bawah ini</p>

	<pre>C:\xampp\htdocs\laravel-crud.php artisan route:list</pre> <table><thead><tr><th>Domain</th><th>Method</th><th>URI</th><th>Name</th><th>Action</th><th>Middlewares</th></tr></thead><tbody><tr><td></td><td>GET/HEAD</td><td>/</td><td></td><td>Closure</td><td></td></tr><tr><td></td><td>GET/HEAD</td><td>admin/users</td><td>users.index</td><td>App\Http\Controllers\Admin\UsersController@index</td><td>web</td></tr><tr><td></td><td>DELETE</td><td>admin/users/{user}</td><td>users.destroy</td><td>App\Http\Controllers\Admin\UsersController@destroy</td><td>web</td></tr><tr><td></td><td>PUT/PATCH</td><td>admin/users/{user}</td><td>users.update</td><td>App\Http\Controllers\Admin\UsersController@update</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>admin/users/{user}/edit</td><td>users.edit</td><td>App\Http\Controllers\Admin\UsersController@edit</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>api/user</td><td></td><td>Closure</td><td>api,auth:api</td></tr><tr><td></td><td>GET/HEAD</td><td>home</td><td>home</td><td>App\Http\Controllers\HomeController@index</td><td>web,auth</td></tr><tr><td></td><td>GET/HEAD</td><td>login</td><td>login</td><td>App\Http\Controllers\Auth\LoginController@showLoginForm</td><td>web,auth</td></tr><tr><td></td><td>POST</td><td>login</td><td></td><td>App\Http\Controllers\Auth\LoginController@login</td><td>web,guest</td></tr><tr><td></td><td>POST</td><td>logout</td><td>logout</td><td>App\Http\Controllers\Auth\LoginController@logout</td><td>web,guest</td></tr><tr><td></td><td>GET/HEAD</td><td>mahasiswa</td><td></td><td>App\Http\Controllers\MahasiswaController@index</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>mahasiswa/detail/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@detail</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>mahasiswa/edit/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@edit</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>mahasiswa/hapus/{id}</td><td></td><td>App\Http\Controllers\MahasiswaController@hapus</td><td>web</td></tr><tr><td></td><td>POST</td><td>mahasiswa/simpan</td><td></td><td>App\Http\Controllers\MahasiswaController@simpan</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>mahasiswa/tambah</td><td></td><td>App\Http\Controllers\MahasiswaController@tambah</td><td>web</td></tr><tr><td></td><td>POST</td><td>mahasiswa/update</td><td></td><td>App\Http\Controllers\MahasiswaController@update</td><td>web</td></tr><tr><td></td><td>POST</td><td>password/confirm</td><td>password.confirm</td><td>App\Http\Controllers\Auth\ConfirmPasswordController@confirm</td><td>web,auth</td></tr><tr><td></td><td>GET/HEAD</td><td>password/confirm</td><td></td><td>App\Http\Controllers\Auth\ConfirmPasswordController@showConfirmForm</td><td>web,auth</td></tr><tr><td></td><td>POST</td><td>password/email</td><td>password.email</td><td>App\Http\Controllers\Auth\ForgotPasswordController@sendResetLinkEmail</td><td>web,guest</td></tr><tr><td></td><td>POST</td><td>password/reset</td><td>password.update</td><td>App\Http\Controllers\Auth\ResetPasswordController@reset</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>password/reset</td><td>password.request</td><td>App\Http\Controllers\Auth\ForgotPasswordController@showLinkRequestForm</td><td>web</td></tr><tr><td></td><td>GET/HEAD</td><td>password/reset/{token}</td><td>password.reset</td><td>App\Http\Controllers\Auth\ResetPasswordController@showResetForm</td><td>web</td></tr><tr><td></td><td>POST</td><td>register</td><td>register</td><td>App\Http\Controllers\Auth\RegisterController@register</td><td>web,guest</td></tr><tr><td></td><td>GET/HEAD</td><td>register</td><td></td><td>App\Http\Controllers\Auth\RegisterController@showRegistrationForm</td><td>web,guest</td></tr></tbody></table>	Domain	Method	URI	Name	Action	Middlewares		GET/HEAD	/		Closure			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,auth		POST	login		App\Http\Controllers\Auth\LoginController@login	web,guest		POST	logout	logout	App\Http\Controllers\Auth\LoginController@logout	web,guest		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/up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17	<p>Masuk ke file “app.blade.php” pada “resources->views->layouts” tambahkan script seperti line 65-67</p> <pre>65 66 User Management 67 68 </pre>																																																																																																																																																												
18	<p>Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management</p> <div><div>Dashboard</div><div>You are logged in!</div><div>Logout</div><div>User Management</div></div>																																																																																																																																																												
19	<p>Buat sebuah file “index.blade.php” di dalam folder users dengan membuat folder baru “admin dan users” pada “resources->views”</p> <div><div>views</div><div>admin</div><div>index.blade.php</div><div>auth</div><div>layouts</div><div>app.blade.php</div><div>user</div><div>index.blade.php</div></div>																																																																																																																																																												
20	<p>Tulis script seperti line 18-19, pada file “UsersController.php” pada “app->Http>Controllers->Admin”</p> <pre>16 public function index() 17 { 18 \$users = User::all(); 19 return view('admin.users.index')->with('users', \$users); 20 } 21 </pre>																																																																																																																																																												
21	<p>Buka file “index.blade.php” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuatnya.</p>																																																																																																																																																												

	<pre>resources > views > admin > index.blade.php > ... 1 @extends('master') 2 @extends('layouts.app') 3 4 @section('content') 5 <div class="container"> 6 <div class="row justify-content-center"> 7 <div class="col-md-8"> 8 <div class="card"> 9 <div class="card-header">Users</div> 10 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</pre>
22	Hasil akhirnya akan seperti dibawah ini

TUGAS

1	<p>Tambahkan function __construct pada app>Http>Controller>MahasiswaController.php</p> <pre>8 class MahasiswaController extends Controller 9 { 10 public function __construct() 11 { 12 \$this->middleware('auth'); 13 } 14 }</pre>
2	<p>Tambahkan dropdown pada resource>views>layouts>app.blade.php</p> <pre> Mahasiswa Management </pre>
3	<p>Tambahkan extends master crud pada resource>views>admin>index.blade.php</p> <pre>resources > views > admin > index.blade.php > ... 1 @extends('master') 2 @extends('layouts.app')</pre>

4	Kemudian cek hasilnya di browser. CRUD harus login terlebih dahulu
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