



Jurusan Teknologi Informasi Politeknik Negeri Malang  
**Jobsheet-12: Membuat Login menggunakan Laravel**  
**Mata Kuliah Pemrograman Web Lanjut**  
Pengampu: Tim Ajar Pemrograman Web Lanjut  
April 2020

**Nama : Agsal Fairrohmad A.P**  
**No : 04/TI2A**

**Tujuan**

Mahasiswa diharapkan dapat:

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

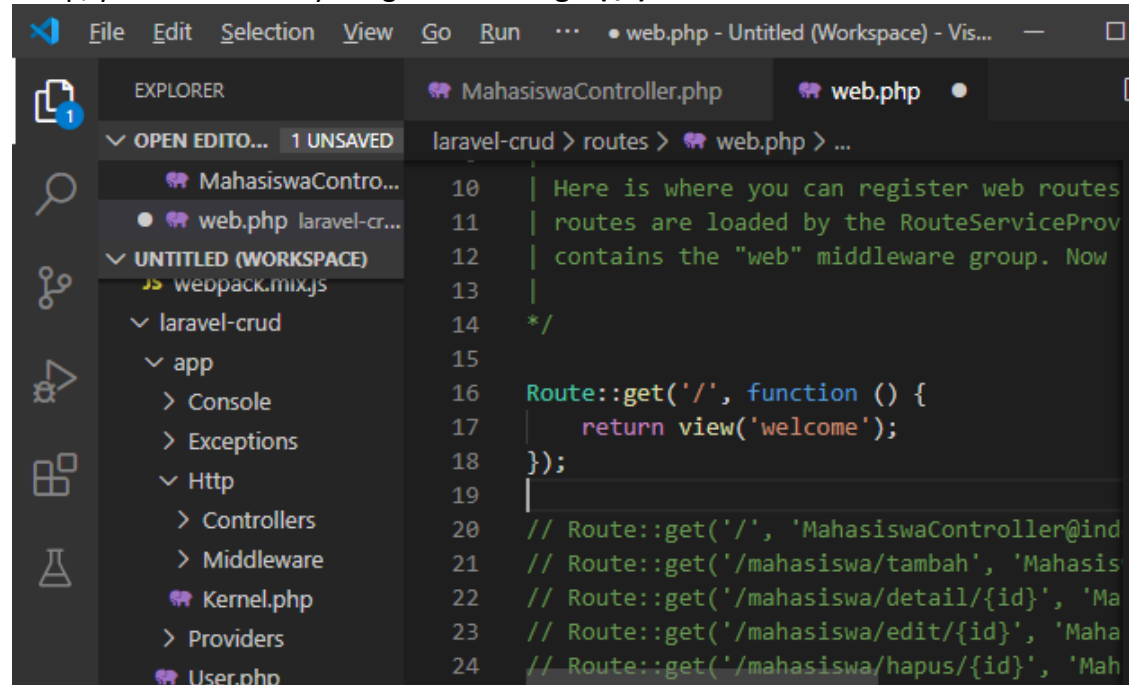
**Praktikum: Membuat Login di Laravel**

Langkah	Keterangan
1	Buka project Laravel "laravel-crud"
2	<p>Install UI dengan composer. Dengan cara di bawah ini</p>
3	<p>Install authentication bawaan Laravel. Dengan cara dibawah ini.</p>

Dan setelah itu install dan run "npm install && npm run dev"

4

Buka file dan edit pada bagian routes->web.php. Seperti di bawah ini. Untuk script lainnya tetap, yang diubah hanya bagian “Route::get('/')”

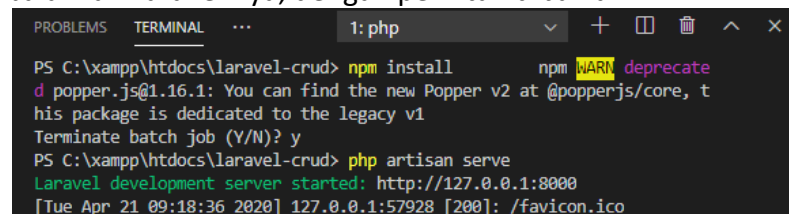


```

10 | Here is where you can register web routes
11 | routes are loaded by the RouteServiceProvider
12 | contains the "web" middleware group. Now
13 |
14 | */
15 |
16 Route::get('/', function () {
17     return view('welcome');
18 });
19 |
20 // Route::get('/', 'MahasiswaController@index');
21 // Route::get('/mahasiswa/tambah', 'MahasiswaController@store');
22 // Route::get('/mahasiswa/detail/{id}', 'MahasiswaController@show');
23 // Route::get('/mahasiswa/edit/{id}', 'MahasiswaController@edit');
24 // Route::get('/mahasiswa/hapus/{id}', 'MahasiswaController@destroy');
  
```

5

Jalankan Laravel nya, dengan perintah dibawah ini

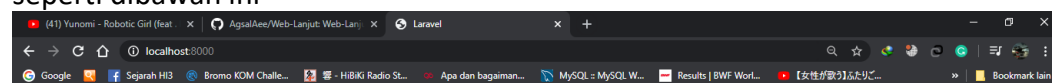


```

PS C:\xampp\htdocs\laravel-crud> npm install
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this package is dedicated to the legacy v1
Terminate batch job (Y/N)? y
PS C:\xampp\htdocs\laravel-crud> php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Tue Apr 21 09:18:36 2020] 127.0.0.1:57928 [200]: /favicon.ico
  
```

6

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

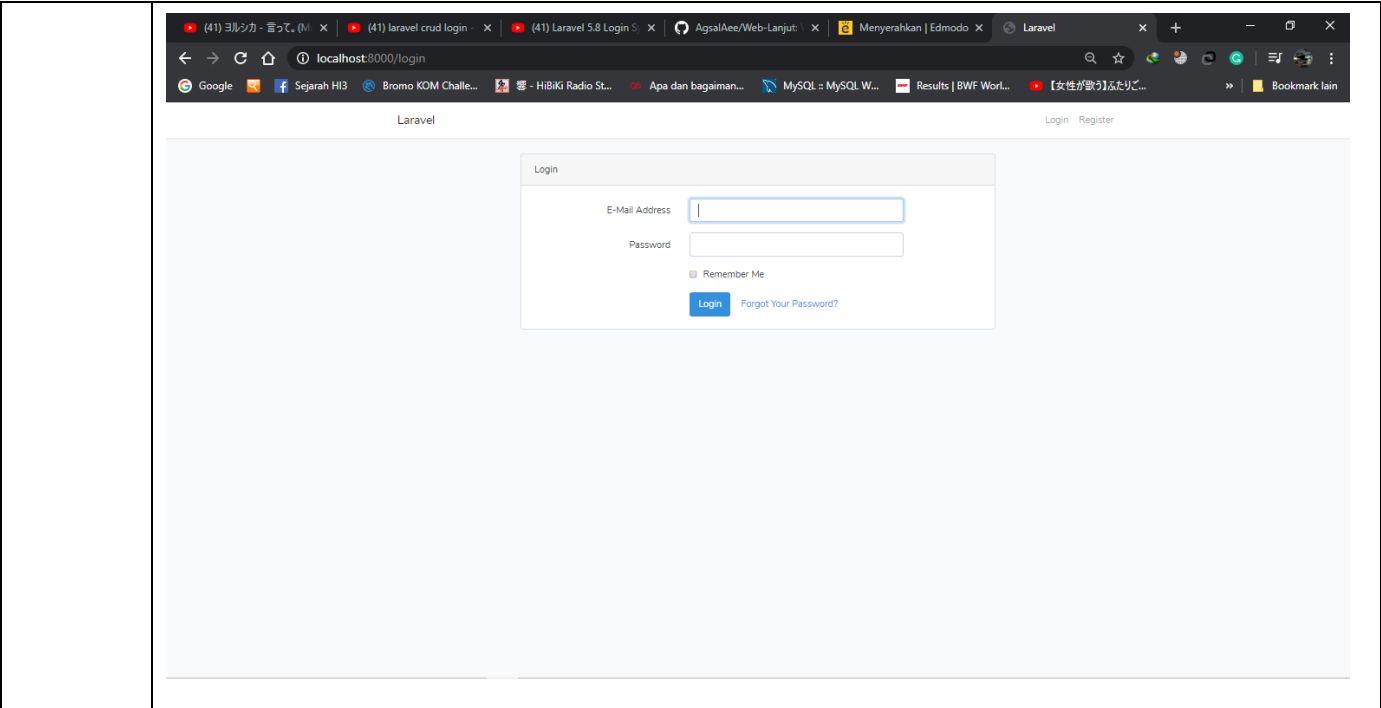


Laravel

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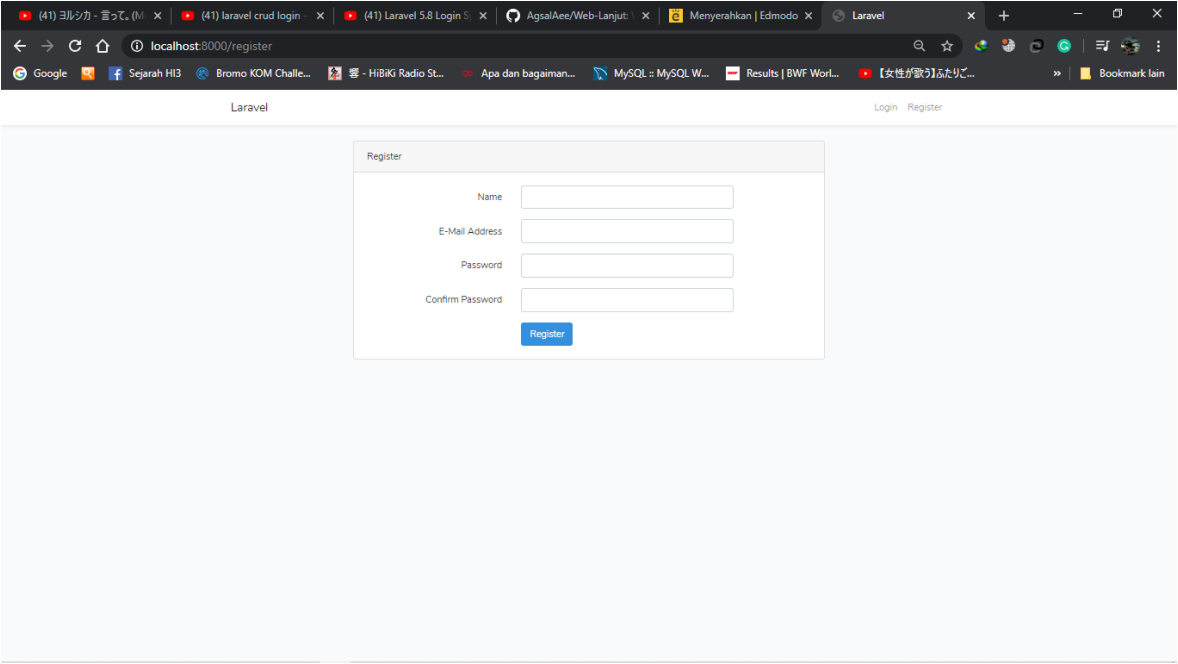
7

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.

The screenshot shows the Visual Studio Code interface. On the left, the Explorer pane displays the project structure, including folders like Console, Exceptions, Http, Controllers, Auth, Middleware, Providers, User.php, bootstrap, config, database, node\_modules, public, resources, routes, and api.php. The main editor area shows a terminal window with the following output:

```
PS C:\xampp\htdocs\laravel-crud> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table

Illuminate\Database\QueryException

SQLSTATE[42000]: Syntax error or access violation: 1071 Specified key was too long; max key length is 767 bytes (SQL: alter table `users` add unique `users_email_unique`(`email`))

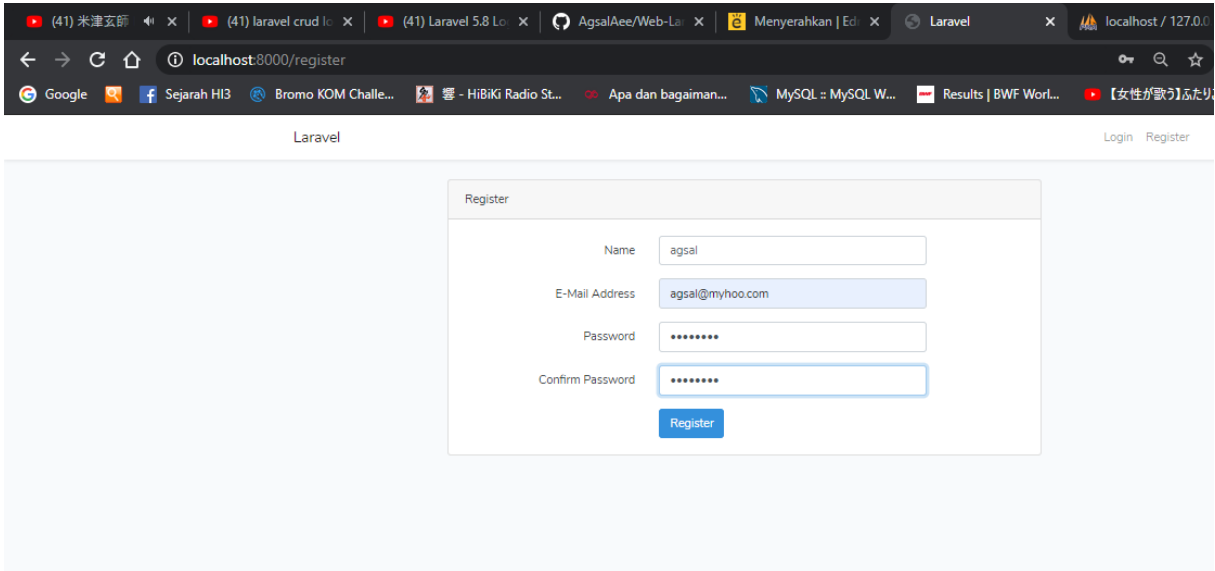
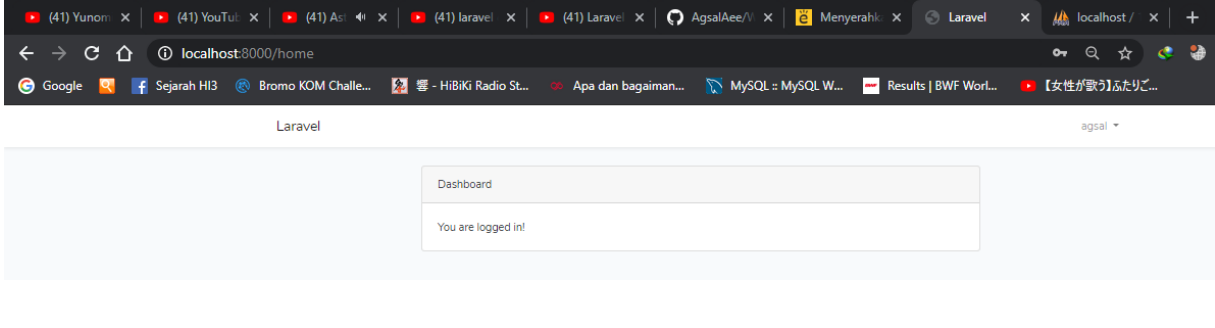
at C:\xampp\htdocs\laravel-crud\vendor\laravel\framework\src\Illuminate\Database\Connection.php:670
666| // If an exception occurs when attempting to run
a query, we'll format the error
667| // message to include the bindings with SQL, which
h will make this exception a
668| // lot more helpful to the developer instead of j
669| catch (Exception $e) {
> 670| throw new QueryException(
```

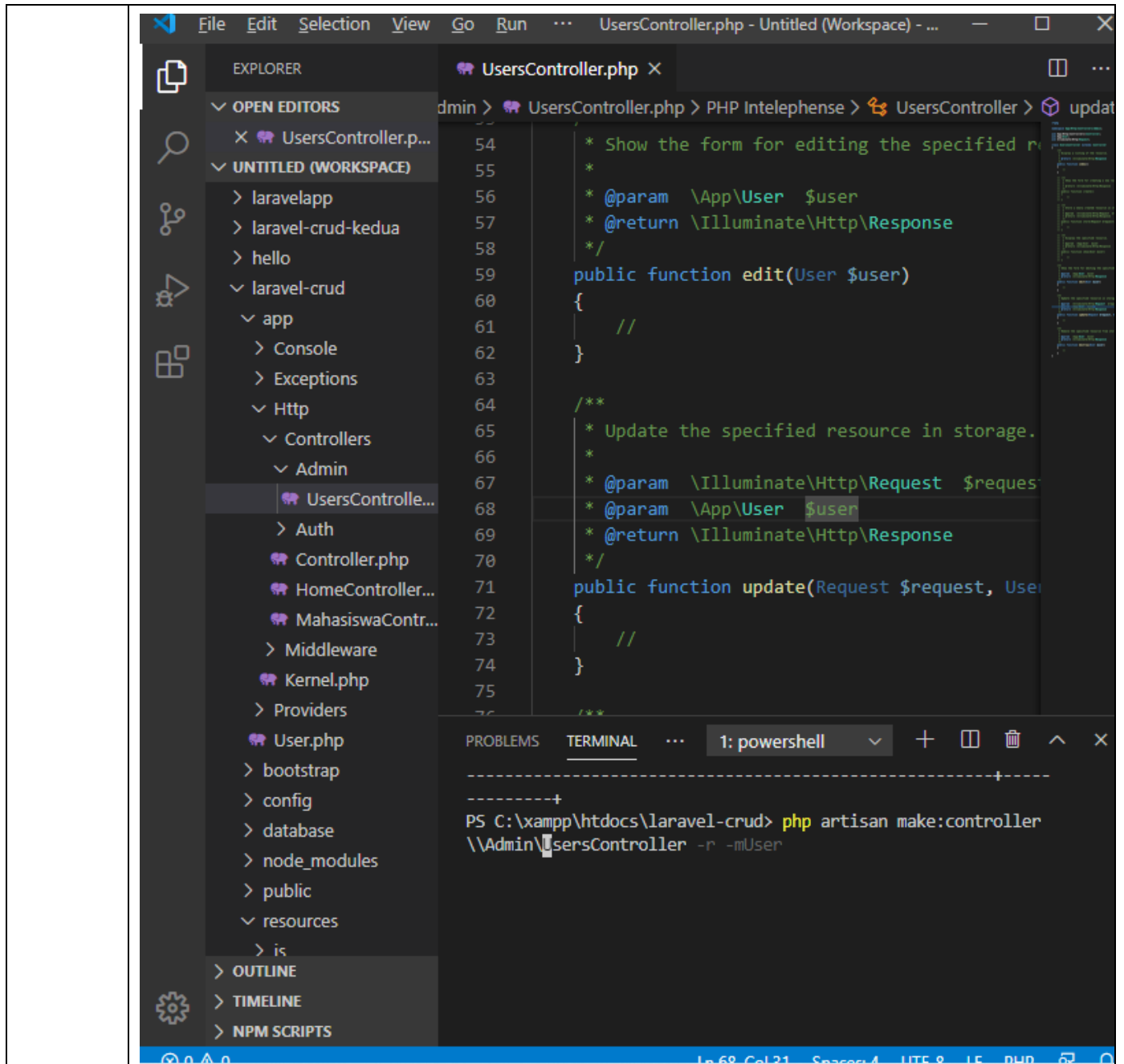
10

Hasil setelah migrate, bisa dilihat di phpMyAdmin.

The screenshot shows the phpMyAdmin interface for a database named 'latihan\_laravel'. The 'Struktur' (Structure) tab is selected, displaying a table list. The table 'users' has been successfully created.

Tabel	Tindakan	Baris	Jenis	Penyortiran	Ukuran	Beban
<input type="checkbox"/> mahasiswa	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	5	InnoDB	latin1_swedish_ci	16 KB	-
<input type="checkbox"/> migrations	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	16 KB	-
<input type="checkbox"/> users	Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0	InnoDB	utf8mb4_unicode_ci	16 KB	-
3 tabel	Jumlah	5	InnoDB	latin1_swedish_ci	48 KB	0 B

11	Klik menu registrasi dan isikan data sesuai keinginan
	
12	Setelah register akan otomatis login
	
13	Buat controller baru dengan cara dibawah ini dengan nama usersController php artisan make:controller \\Admin\\UsersController -r -mUser
14	Buka file <b>UsersController.php</b> pada “ <b>app-&gt;Http-&gt;Controllers-&gt;Admin</b> ” dan sisakan function index, edit, update, destroy



15

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

```

16

Untuk cek route bisa menggunakan cara di bawah ini

```

C:\Users\Aegis>cd C:\xampp
C:\xampp>htdocs
'htdocs' is not recognized as an internal or external command,
operable program or batch file.
C:\xampp>cd htdocs\laravel-crud
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	admin/user	user.index	App\Http\Controllers\Admin\UsersController@index	web
	DELETE	admin/user/{user}	user.destroy	App\Http\Controllers\Admin\UsersController@destroy	web
	PUT PATCH	admin/user/{user}	user.update	App\Http\Controllers\Admin\UsersController@update	web
	GET HEAD	admin/user/{user}/edit	user.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	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

```

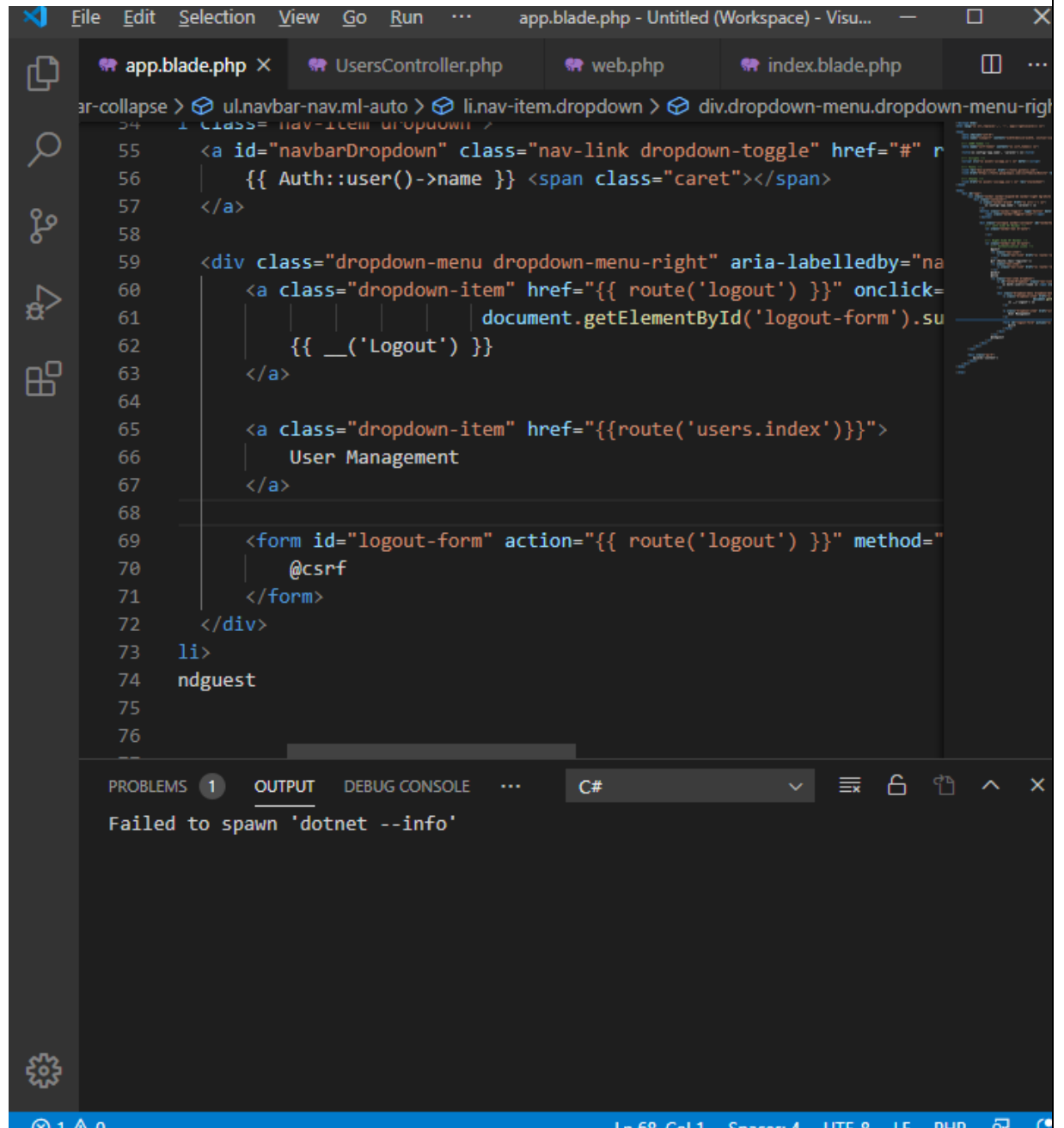
C:\xampp\htdocs\laravel-crud>

```

17

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

```
<a class="dropdown-item" href="{{route('users.index')}}">User Management </a>
```



The screenshot shows a Visual Studio Code editor window with the title "app.blade.php - Untitled (Workspace) - Visu...". The editor has several tabs open: "app.blade.php", "UsersController.php", "web.php", and "index.blade.php". The "app.blade.php" tab is active, showing a Blade template. The code is as follows:

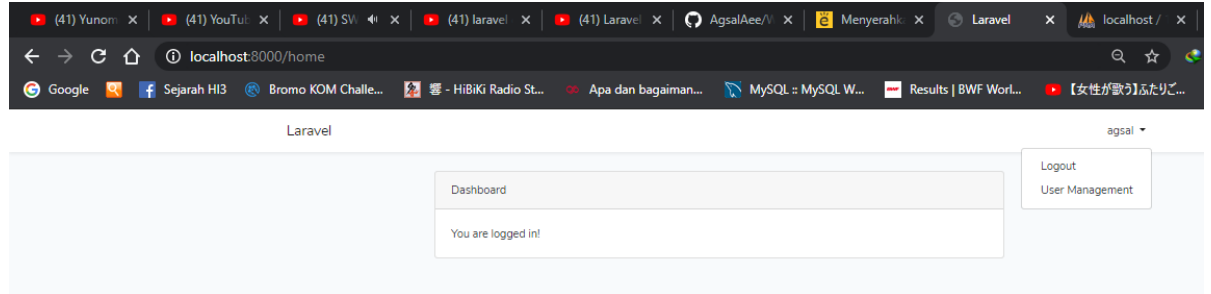
```
55 <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#" r
56 | {{ Auth::user()->name }} <span class="caret"></span>
57 </a>
58
59 <div class="dropdown-menu dropdown-menu-right" aria-labelledby="na
60 | <a class="dropdown-item" href="{{ route('logout') }}" onclick=
61 | | document.getElementById('logout-form').su
62 | | {{ __('Logout') }}
63 | </a>
64
65 | <a class="dropdown-item" href="{{route('users.index')}}">
66 | | User Management
67 | </a>
68
69 | <form id="logout-form" action="{{ route('logout') }}" method="
70 | | @csrf
71 | </form>
72 </div>
73 <li>
74 | ndguest
75
76
```

The terminal window at the bottom shows the "OUTPUT" tab with the message "Failed to spawn 'dotnet --info'". The status bar at the bottom indicates the file is at line 69, column 1, with a space character at the end of the line.



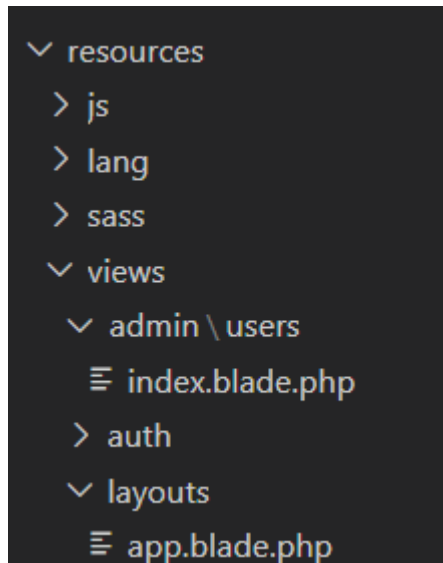
18

Hasilnya akan muncul saat kita klik nama user. Akan muncul menu baru yaitu User Management



19

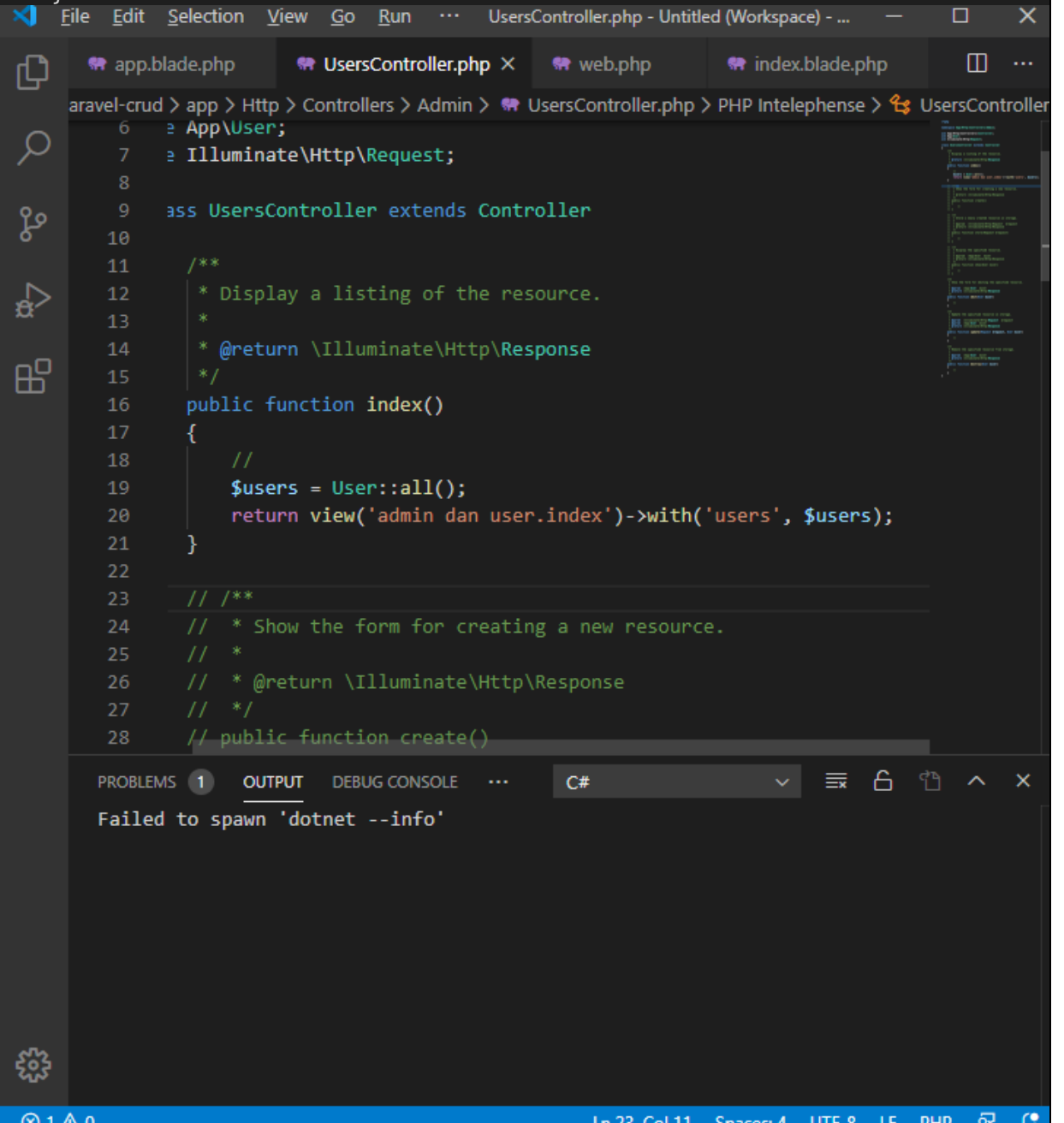
Buat sebuah file “**index.blade.php**” di dalam folder users dengan membuat folder baru “**admin dan users**” pada “**resources->views**”



20

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

```
public function index()
{
    //
    $users = User::all();
    return view('admin dan user.index')->with('users', $users);
}
```



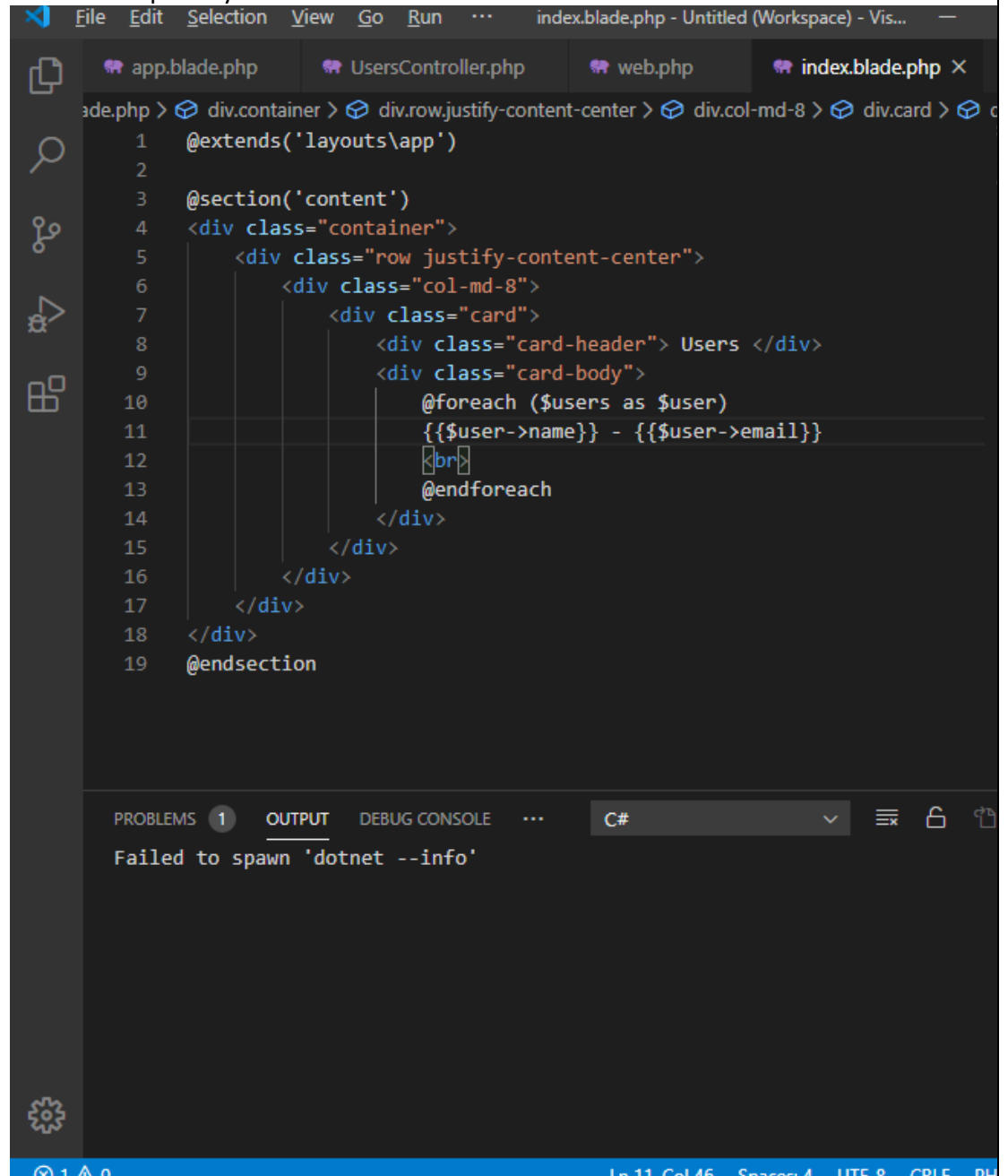
The screenshot shows a code editor with the following elements:

- File Explorer:** Shows the project structure with files like `app.blade.php`, `UsersController.php`, `web.php`, and `index.blade.php`.
- Breadcrumb Trail:** `aravel-crud > app > Http > Controllers > Admin > UsersController.php > PHP Intelephense > UsersController`
- Code Editor:** Displays the content of `UsersController.php`. The visible code includes:

```
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         //
19         $users = User::all();
20         return view('admin dan user.index')->with('users', $users);
21     }
22
23     /**
24      * Show the form for creating a new resource.
25      *
26      * @return \Illuminate\Http\Response
27      */
28     // public function create()
```
- Terminal:** Shows an error message: `Failed to spawn 'dotnet --info'`.
- Status Bar:** At the bottom, it shows `Ln 22, Col 11, Spaces: 4, UTF-8, LF, PHP`.

21

Buka file “**index.blade.php**” yang sudah dibuat pada nomor 19. Lalu isikan script dibawah ini untuk membuat tampilannya.



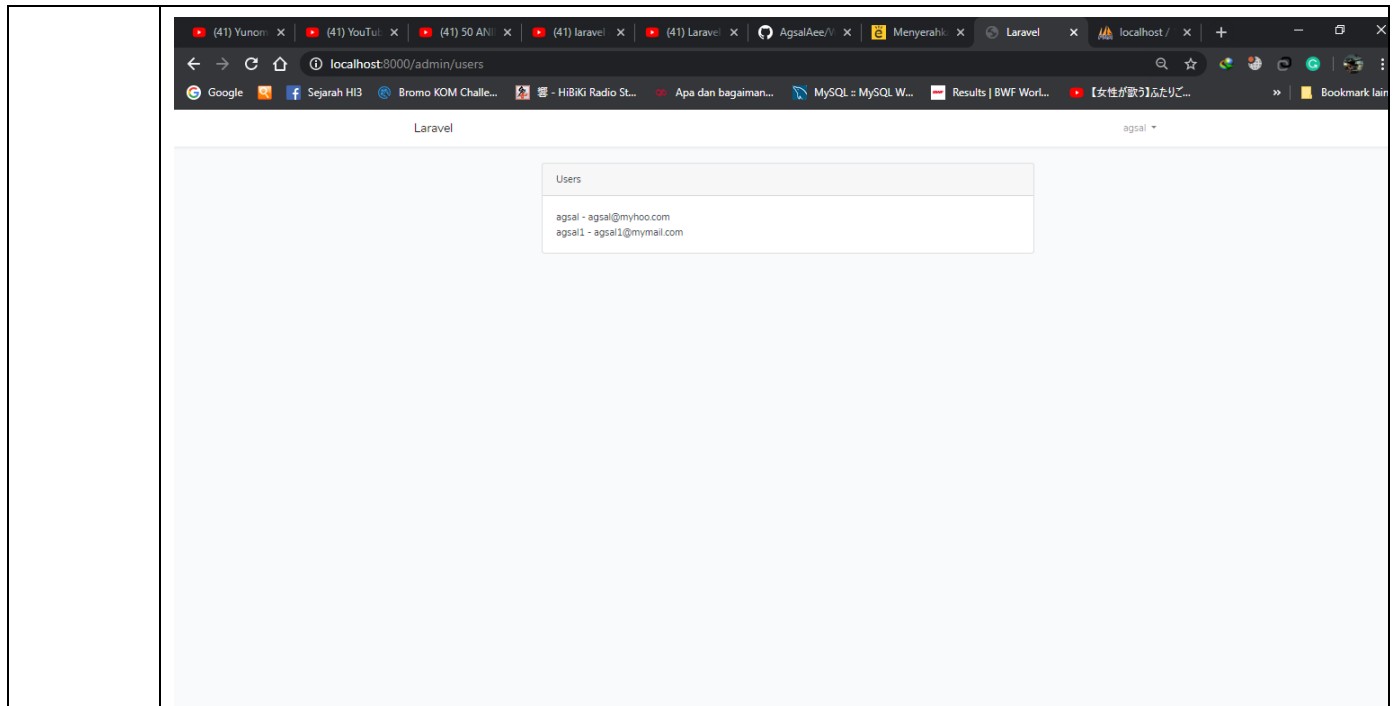
```
1  @extends('layouts/app')
2
3  @section('content')
4  <div class="container">
5      <div class="row justify-content-center">
6          <div class="col-md-8">
7              <div class="card">
8                  <div class="card-header"> Users </div>
9                  <div class="card-body">
10                     @foreach ($users as $user)
11                         {{ $user->name }} - {{ $user->email }}
12                         <br>
13                     @endforeach
14                 </div>
15             </div>
16         </div>
17     </div>
18 </div>
19 @endsection
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE ... C#

Failed to spawn 'dotnet --info'

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

