

Nama : Muhammad Rafi Zuhair Artadinata

NPM : 212310019

1. Composer create-project Laravel/Laravel Kuis

```
C:\laragon\www>composer create-project laravel/laravel Kuis
Creating a "laravel/laravel" project at "./Kuis"
Info from https://repo.packagist.org: #StandWithUkraine
Installing laravel/laravel (v10.2.3)
  - Downloading laravel/laravel (v10.2.3)
  - Installing laravel/laravel (v10.2.3): Extracting archive
Created project in C:\laragon\www\Kuis
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
31 package suggestions were added by new dependencies, use `composer suggest` to see details.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

 INFO  Discovering packages.

laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

32 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

 INFO  No publishable resources for tag [laravel-assets].

No security vulnerability advisories found
> @php artisan key:generate --ansi

 INFO  Application key set successfully.
```

Php artisan serve

```
C:\laragon\www\Kuis>php artisan serve

 INFO  Server running on [http://127.0.0.1:8000].

Press Ctrl+C to stop the server
```

EXPLORER

web.php

profile.blade.php

daftarmahasiswa.blade.php

home.blade.php

KUIS

Controllers

Controller.php

Middleware

Kernel.php

Models

Providers

bootstrap

config

database

public

resources

css

js

views

daftarmahasiswa.blade.php

home.blade.php

profile.blade.php

welcome.blade.php

routes

api.php

channels.php

console.php

web.php

storage

tests

vendor

.editorconfig

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 and all of them will

12 | be assigned to the "web" middleware group. Make something great!

13 |

14 */

15

16 Route::get('/', function () {

17 return view('welcome');

18 });

19

20 Route::get('/home', function () {

21 return view('home');

22 });

23

24 Route::get('/daftar-mahasiswa', function () {

25 return view('daftarmahasiswa');

26 });

27

28 Route::get('/profile', function () {

29 return view('profile');

30 });

31

2.

EXPLORER

web.php

layout.blade.php

navigation.blade.php

layout.blade.php

KUIS

Controllers

Middleware

Kernel.php

Models

Providers

bootstrap

config

database

public

resources

css

js

views

templates

headers

navigation.blade.php

layout.blade.php

daftarmahasiswa.blade.php

home.blade.php

profile.blade.php

welcome.blade.php

routes

api.php

channels.php

console.php

web.php

storage

resources > views > templates > headers > navigation.blade.php

1 <nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-c

2 <div class="container-fluid">

3 PWL

4 <button class="navbar-toggler p-0 border-0" type="butt

5 aria-label="Toggle navigation">

6

7 </button>

8 <div class="navbar-collapse offcanvas-collapse" id="nc

9 <ul class="navbar-nav me-auto mb-2 mb-lg-0">

10 <li class="nav-item">

11 Identity

12

13 <li class="nav-item dropdown">

14 Profile

15 <ul class="dropdown-menu">

16 <li class="dropdown-item" href="{{ url('/profile/identity') }}">Identity

17 <li class="dropdown-item" href="{{ url('/family') }}">Family

18

19

20

21

22 </div>

23 <form class="d-flex" role="search">

24 <input class="form-control me-2" type="search">

25 <button class="btn btn-outline-success" type="submit">Search</button>

26 </form>

27 </div>

28 </div>

29 </nav>

30

resources > views > templates > layout.blade.php

1 <@doctype html>

2 <html lang="en">

3

4 <head>

5 <meta charset="UTF-8">

6 <meta name="viewport" content="width=device-width, initial-scale=1">

7 <meta http-equiv="X-UA-Compatible" content="ie=edge">

8 <title>PW-IBIK</title>

9 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-9ndCyUaIbzAi2FUVXJi0CjcmCapSm075npJef" crossorigin="anonymous">

10 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js" rel="script" integrity="sha384-geW76RCwLtnZ8qWowPQNglL3RmH4VBCSF" crossorigin="anonymous"></script>

11

12 </head>

13

14 <body class="bg-body-tertiary">

15 <div>

16 <div class="bg-body-tertiary">

17 <div class="bg-body-tertiary">

18 <div class="bg-body-tertiary">

19 <div class="bg-body-tertiary">

20 <div class="bg-body-tertiary">

21 <div class="bg-body-tertiary">

22 <div class="bg-body-tertiary">

23 <div class="bg-body-tertiary">

24 <div class="bg-body-tertiary">

25 <div class="bg-body-tertiary">

26 <div class="bg-body-tertiary">

27 <div class="bg-body-tertiary">

28 <div class="bg-body-tertiary">

29 <div class="bg-body-tertiary">

30 <div class="bg-body-tertiary">

3.

```
File Edit Selection View Go Run Terminal Help
daftarmahasiswa.blade.php - Kuis - Visual Studio Code

resources > views > daftarmahasiswa.blade.php
1 @extends('templates.layout')
2 @section('content')
3 <?php
4
5 // Fungsi untuk menghasilkan nama acak
6 function generateRandomName() {
7     $names = ['John', 'Jane', 'Michael', 'Emily', 'David', 'Sarah'];
8     $lastNames = ['Smith', 'Johnson', 'Williams', 'Brown', 'Jones', 'Miller'];
9
10    $randomFirstName = $names[array_rand($names)];
11    $randomLastName = $lastNames[array_rand($lastNames)];
12
13    return $randomFirstName . ' ' . $randomLastName;
14 }
15
16 // Fungsi untuk menghasilkan NPM acak
17 function generateRandomNPM() {
18     $npm = '';
19
20     for ($i = 0; $i < 8; $i++) {
21         $npm .= mt_rand(0, 9);
22     }
23
24     return $npm;
25 }
26
27 // Fungsi untuk menghasilkan prodi acak
28 function generateRandomProdi() {
29     $prodi = ['Teknik Informatika', 'Sistem Informasi', 'Teknik Elektro', 'Teknik Kimia'];
30     return $prodi[array_rand($prodi)];
31 }
32
33 // Jumlah data dummy yang ingin dibuat
34 $jumlahData = 10;
```

4.

```
File Edit Selection View Go Run Terminal Help
2023_06_08_072416_create_profiles_table.php - Kuis - Visual Studio Code

database > migrations > 2023_06_08_072416_create_profiles_table.php
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up()
13     {
14         Schema::create('profiles', function (Blueprint $table) {
15             $table->id();
16             $table->string('nama');
17             $table->string('npm');
18             $table->enum('jenis_kelamin', ['Laki-laki', 'Perempuan']);
19             $table->date('tanggal_lahir');
20             $table->string('alamat');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      */
28     public function down(): void
29     {
30         Schema::dropIfExists('profiles');
31     }
32 };
```

5.