

## Tugas Praktikum Pemrograman Berbasis Web



Disusun Oleh :

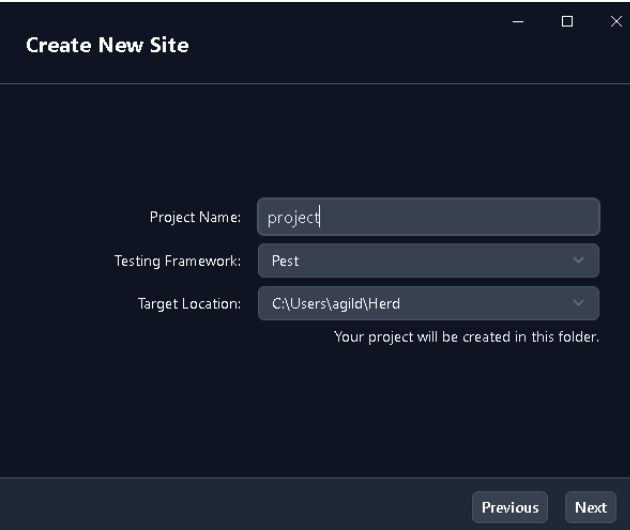
Agil Deriansyah Hasan  
4522210125

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**S1-Teknik Informatika**  
**Fakultas Teknik**  
**Universitas Pancasila 2023/2024**

## Video Belajar Laravel /1 Setup Laravel



Create New Site

Project Name:


Testing Framework:

Target Location:

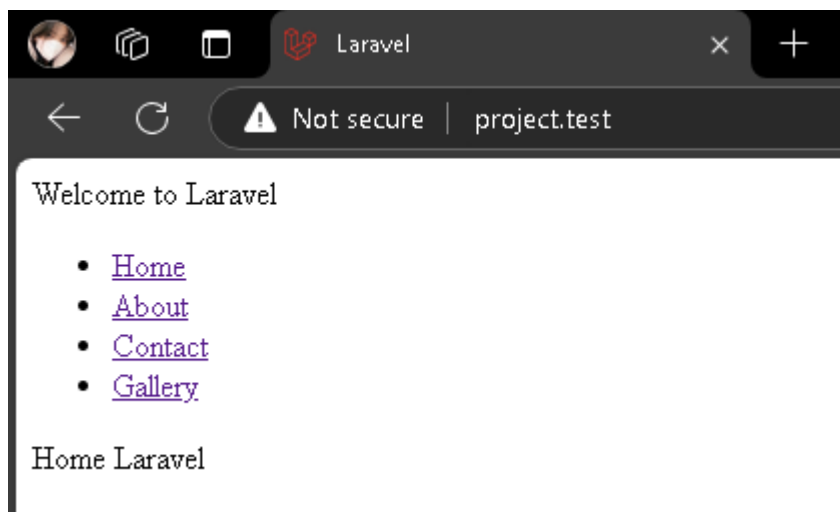
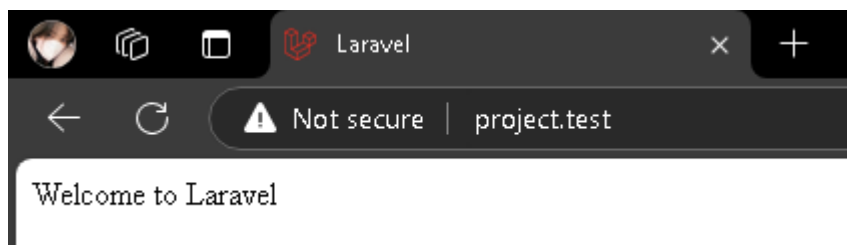
Your project will be created in this folder.

Previous Next

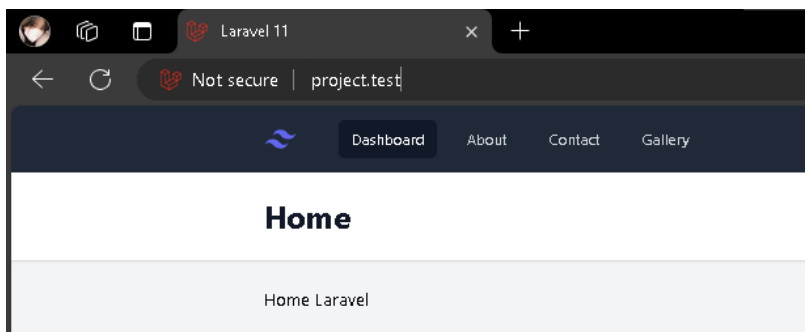
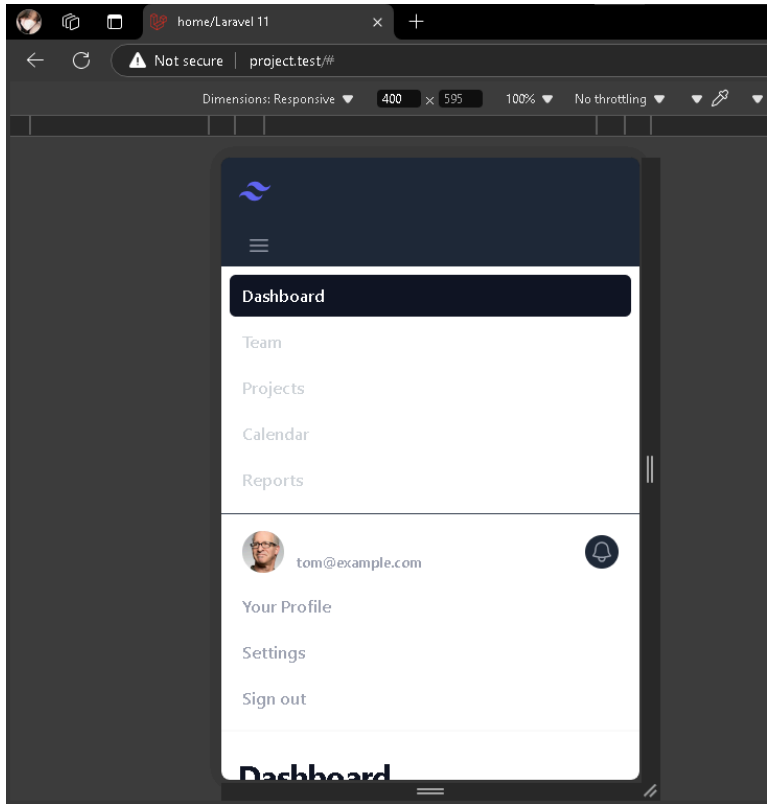
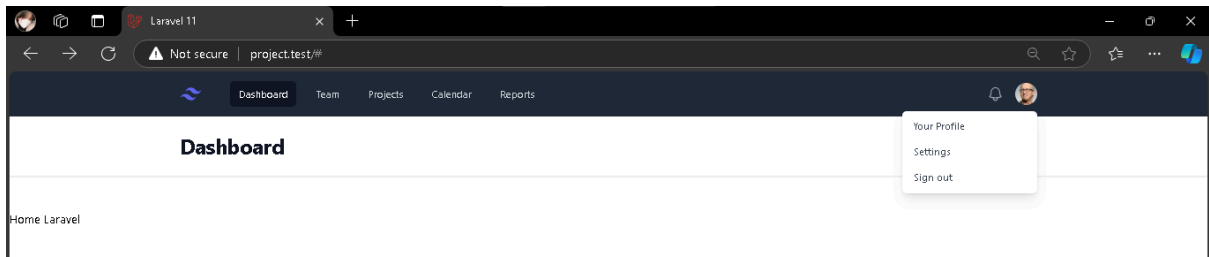
## Video Belajar Laravel /2 Routing dan View

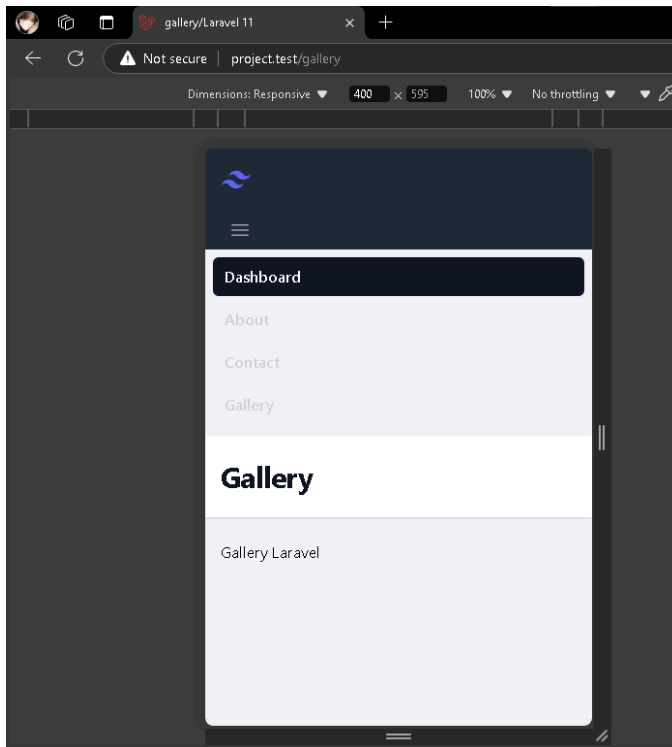


```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4
5 Route::get('/', fn() => view('home'));
6
7 Route::get('/about', fn() => view('about'));
8
9 Route::get('/contact', fn() => view('contact'));
10
11 Route::get('/gallery', fn() => view('gallery'));
```

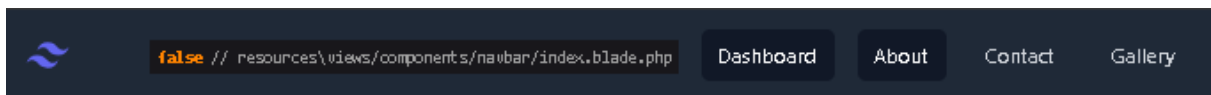


# Video Belajar Laravel /3 Styling

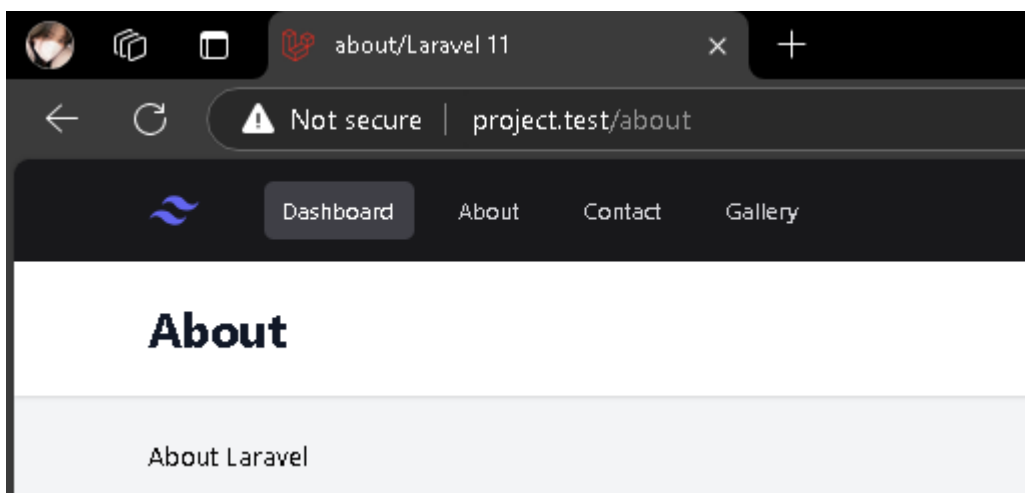
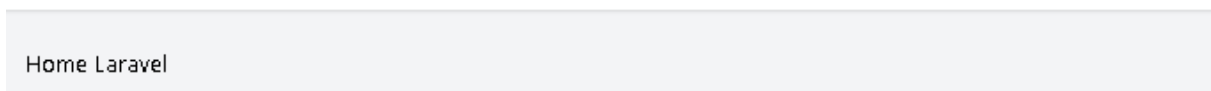




Video Belajar Laravel /4 Active State



## Home



## Video Belajar Laravel /5 Controller

```
HomeController.php x AboutController.php ContactController.php GalleryController.php
project > app > Http > Controllers > HomeController.php
1  <?php
2
3  namespace App\Http\Controllers;
4  use Illuminate\Http\Request;
5
6
7  class HomeController extends Controller
8  {
9      public function __invoke()
10     {
11         return view('home');
12     }
13 }
```

```
HomeController.php AboutController.php ContactController.php GalleryController.php web.php x
project > routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers;
5
6  Route::get('/', Controllers\HomeController:: class);
7
8  Route::get('/about', [Controllers\AboutController:: class, 'index']);
9
10 Route::get('/contact', [Controllers>ContactController:: class, 'index']);
11
12 Route::get('/gallery', [Controllers\GalleryController:: class, 'index']);
13 |
```

## Video Belajar Laravel /6 Migration 101

```
23
24 DB_CONNECTION=mysql
25 DB_HOST=127.0.0.1
26 DB_PORT=3306
27 DB_DATABASE=project
28 DB_USERNAME=root
29 DB_PASSWORD=
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\agild\Herd\project> php artisan migrate

INFO Preparing database.

Creating migration table ..... 122.54ms DONE

INFO Running migrations.

0001_01_01_000000_create_users_table 231.41ms DONE
0001_01_01_000001_create_cache_table . 17.89ms DONE
0001_01_01_000002_create_jobs_table . 166.40ms DONE
2024_11_09_014549_create_articles_table 33.81ms DONE
PS C:\Users\agild\Herd\project> |
```

Sewer: 127.0.0.1 > Database: project > Table: articles

Browse Structure SQL Search Insert Export

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)

```
SELECT * FROM `articles`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

id	thumbnail	title	slug	teaser	body	created_at	updated_at	meta_title
----	-----------	-------	------	--------	------	------------	------------	------------

```
2024_11_09_014549_create_articles_table.php x 2024_11_09_015709_add_column_meta_to_articles_table.php x
project > database > migrations > 2024_11_09_014549_create_articles_table.php
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('articles', function (Blueprint $table) {
15             $table->id();
16             $table->string('thumbnail')->nullable();
17             $table->string('title');
18             $table->string('slug')->unique();
19             $table->text('teaser');
20             $table->text('body');
21             $table->timestamps();
22         });
23     }
24 }
```

```
2024_11_09_014549_create_articles_table.php x 2024_11_09_015709_add_column_meta_to_articles_table.php x
project > database > migrations > 2024_11_09_015709_add_column_meta_to_articles_table.php
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::table('articles', function (Blueprint $table) {
15             $table->after('body', function($table){
16                 $table->string('title');
17                 $table->string('meta_description');
18             });
19         });
20     }
21 }
```