

NAMA : LOUISE NAZAROSSA  
NIM : 2341760117  
KELAS : 2A  
PRODI : D4 SISTEM INFORMASI BISNIS  
MATKUL : PEMROGRAMAN WEB LANJUT

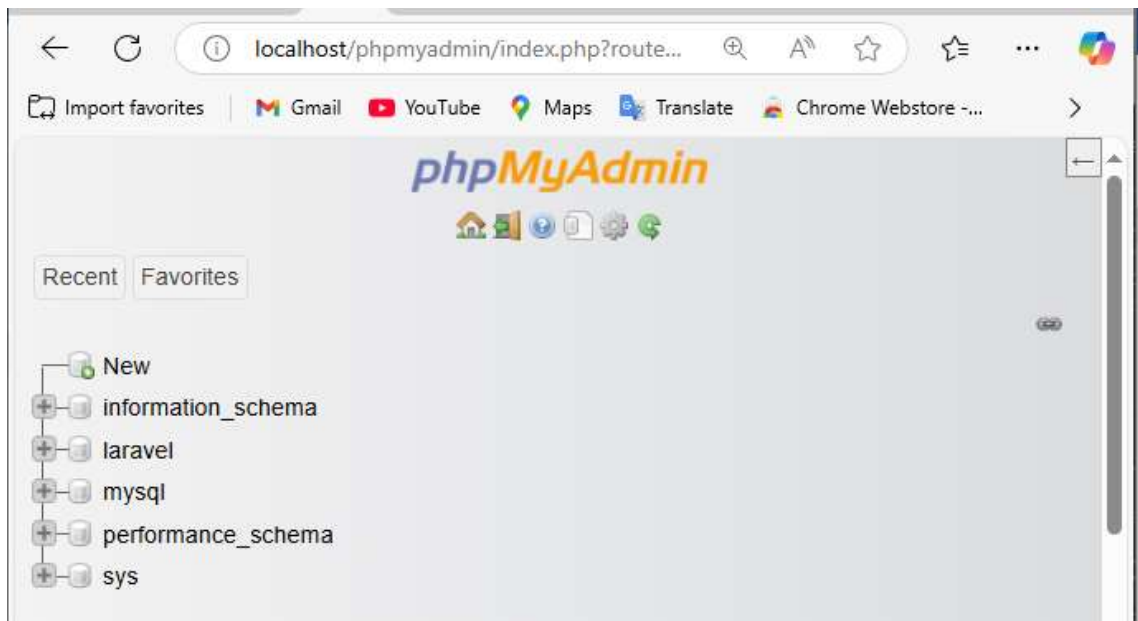


## 1 Langkah Langkah Instalasi

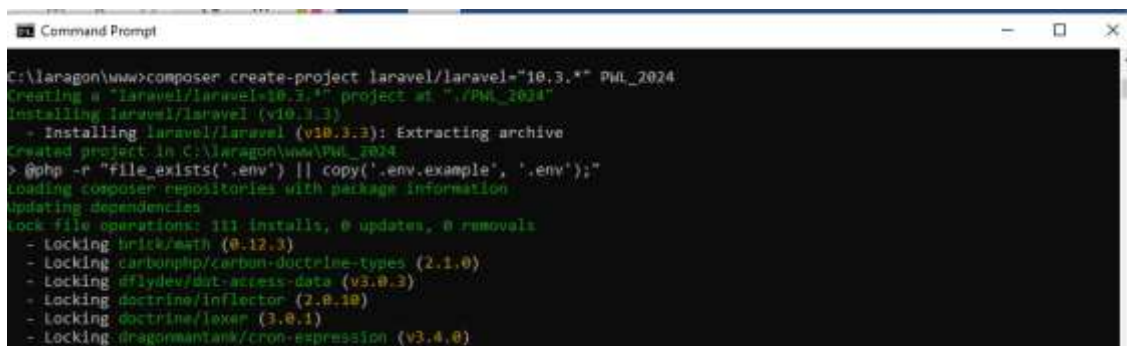
- Instal Composer



- Memastikan PHP 8.1 sudah terinstal



- Instal Laravel versi 10



- Mengganti nama proyek
- Masuk direktori proyek
- Jalankan server local

```
Command Prompt
C:\laragon\www>cd PWL_2024
C:\laragon\www\PWL_2024>php artisan serve

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

Press Ctrl+C to stop the server
^C
```

2 Persiapan proyek CRUD

- Buatlah proyek Laravel

```
Command Prompt
- Installing spatie/ignition (1.15.1): Extracting archive
- Installing spatie/laravel-ignition (2.9.1): Extracting archive
56 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

81 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.

C:\laragon\www>
```

```
C:\laragon\www>cd crud-app
C:\laragon\www\crud-app>
```

- Jalankan server

```
C:\laragon\www\crud-app>php artisan serve

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

Press Ctrl+C to stop the server
^C
```

3 Buat Database

- Buat database baru di my sql
- Konfigurasi database

```
10
11 DB_CONNECTION=mysql
12 DB_HOST=127.0.0.1
13 DB_PORT=3306
14 DB_DATABASE=crud_db
15 DB_USERNAME=root
16 DB_PASSWORD=
17
```

## 4 Muat Model dan Migrasi

- Buat model dan migrasi

```
C:\laragon\www\PWL_2024>php artisan make:model Item -m

[INFO] Model [C:\laragon\www\PWL_2024\app\Models\Item.php] created successfully.
[INFO] Migration [C:\laragon\www\PWL_2024\database\Migrations\2025_03_05_100941_create_items_table.php] created successfully.
```

- Edit migrasi

```
12     public function up(): void
13     {
14         Schema::create('items', function (Blueprint $table) {
15             $table->id();
16             $table->string('name');
17             $table->text('description');
18             $table->timestamps();
19         });
20     }
```

- Jalankan migrasi

```
C:\laragon\www\PWL_2024>php artisan migrate

[INFO] Preparing database.

Creating migration table ..... 363ms DONE

[INFO] Running migrations.

2014_10_12_000000_create_users_table ..... 268ms DONE
2014_10_12_100000_create_password_reset_tokens_table ..... 55ms DONE
2019_08_19_000000_create_failed_jobs_table ..... 126ms DONE
2019_12_14_000001_create_personal_access_tokens_table ..... 119ms DONE
2025_03_05_100941_create_items_table ..... 24ms DONE
```

## 5 Buat Controller

- Buat controller

```
C:\laragon\www\PWL_2024>php artisan make:controller ItemController --resource

[INFO] Controller [C:\laragon\www\PWL_2024\app\Http\Controllers\ItemController.php] created successfully.
```

- Implementasikan CRUD di Controller

```
1_create_items_table.php  ItemController.php X  web.php M
app > Http > Controllers > ItemController.php > ItemController > d
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Item;
6  use Illuminate\Http\Request;
7
8  class ItemController extends Controller
9  {
10     /**
11     * Display a listing of the resource.
```

6    **Buat Routing**

41\_create\_items\_table.php    ItemController.php    web.php    X    [ ]

```
routes > web.php > ...
1  <?php
2
3  use App\Http\Controllers\ItemController;
4  use illuminate\Support\Facades\Route;
5
6  |
7  /*
8  | -----
9  |  Web Routes
10 | -----
11 |
12 | Here is where you can register web routes for your app
13 | routes are loaded by the RouteServiceProvider and all
14 | be assigned to the "web" middleware group. Make something
15 |
16 */
17
18 Route::get('/', function () {
19     return view('welcome');
20 });
21 Route::resource('items', ItemController::class);
22
```

7    **Buat View**

views

create.blade.php

edit.blade.php

**index.blade.php**

show.blade.php

welcome.blade.php

> routes

8    **Done**

```
C:\laragon\www\PWL_2024>php artisan serve

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

Press Ctrl+C to stop the server
```