

**PEMROGRAMAN WEB LANJUT  
TUGAS PRAKTIKUM JOBSHEET 2  
ROUTING CONTROLLER VIEW**



**Disusun oleh:**

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# Tugas Praktikum

1. Jalankan Langkah-langkah Praktikum pada jobsheet di atas. Lakukan sinkronisasi perubahan pada project PWL\_2024 ke Github.
2. Buatlah project baru dengan nama POS. Project ini merupakan sebuah aplikasi Point of Sales yang digunakan untuk membantu penjualan.

```
D:\laragon\www>composer create-project laravel/laravel="10.3.*" POS
Creating a "laravel/laravel=10.3.*" project at "./POS"
Installing laravel/laravel (v10.3.3)
- Installing laravel/laravel (v10.3.3): Extracting archive
Created project in D:\laragon\www\POS
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 111 installs, 0 updates, 0 removals
- Locking brick/math (0.11.0)
- Locking carbonphp/carbon-doctrine-types (2.1.0)
- Locking dflydev/dot-access-data (v3.0.2)
- Locking doctrine/inflector (2.0.10)
- Locking doctrine/lexer (3.0.1)
- Locking dragonmantank/cron-expression (v3.3.3)
- Locking egulias/email-validator (4.0.2)
- Locking fakerphp/faker (v1.23.1)
- Locking filp/whoops (2.15.4)
- Locking fruitcake/php-cors (v1.3.0)
- Locking graham-campbell/result-type (v1.1.2)
- Locking guzzlehttp/guzzle (7.8.1)
- Locking guzzlehttp/promises (2.0.2)
- Locking guzzlehttp/psr7 (2.6.2)
- Locking guzzlehttp/uri-template (v1.0.3)
- Locking hamcrest/hamcrest-php (v2.0.1)
- Locking laravel/framework (v10.46.0)
- Locking laravel/pint (v1.14.0)
```

3. Buatlah beberapa route, controller, dan view sesuai dengan ketentuan sebagai berikut.

|   |  |
|---|--|
| 1 | Halaman Home<br>Menampilkan halaman awal website   |
| 2 | Halaman Products<br>Menampilkan daftar product (route prefix)<br>/category/food-beverage<br>/category/beauty-health<br>/category/home-care<br>/category/baby-kid |
| 3 | Halaman User<br>Menampilkan profil pengguna (route param)<br>/user/{id}/name/{name}  |
| 4 | Halaman Penjualan<br>Menampilkan halaman transaksi POS   |

4. Route tersebut menjalankan fungsi pada Controller yang berbeda di setiap halaman.

```
Route::get('/', [HomeController::class, 'index']);

Route::prefix('category')->group(function () {
    Route::get('/', [ProductController::class, 'index']);
    Route::get('food-beverage', [ProductController::class, 'foodBeverage']);
    Route::get('beauty-health', [ProductController::class, 'beautyHealth']);
    Route::get('home-care', [ProductController::class, 'homeCare']);
    Route::get('baby-kid', [ProductController::class, 'babyKid']);
});

Route::get('/user/{id}/name/{name}', function ($id = 27, $name = "Ageng") {
    return view('user-profile', ['id' => $id, 'name' => $name]);
});

Route::get('/penjualan', [PenjualanController::class, 'index']);
```

5. Fungsi pada Controller akan memanggil view sesuai halaman yang akan ditampilkan.

### Halaman home

127.0.0.1:8000

## Welcome to POS

This is the home page

|   | Title                        | Route   |
|---|------------------------------|---|
| 1 | <a href="#">Home</a>         | /   |
| 2 | <a href="#">Products</a>     | /category   |
| 3 | <a href="#">User-profile</a> | /user/{id}/name/{name} (default id=27 name=Ageng) |
| 4 | <a href="#">Penjualan</a>    | /penjualan  |

### Halaman Product

127.0.0.1:8000/category

## Product Category

| Category                          |
|-----------------------------------|
| <a href="#">Food and Beverage</a> |
| <a href="#">Beauty and Health</a> |
| <a href="#">Home Care</a>         |
| <a href="#">Baby and Kid</a>      |

127.0.0.1:8000/category/food-beverage

## Food and Beverage Products

| ID | Nama     | Harga     |
|----|----------|-----------|
| 1  | Apel     | Rp 10.000 |
| 2  | Jeruk    | Rp 8.000  |
| 3  | Semangka | Rp 35.000 |

127.0.0.1:8000/category/beauty-health

## Beauty and Health Products

| ID | Nama            | Harga      |
|----|-----------------|------------|
| 1  | Shampo          | Rp 60.000  |
| 2  | Pembersih Wajah | Rp 120.000 |
| 3  | Suplemen        | Rp 150.000 |

127.0.0.1:8000/category/home-care

## Home Care Products

| ID | Nama                   | Harga     |
|----|------------------------|-----------|
| 1  | Sabun Piring           | Rp 25.000 |
| 2  | Deterjen               | Rp 80.000 |
| 3  | Pembersih Multi Fungsi | Rp 50.000 |

127.0.0.1:8000/category/baby-kid

## Baby and Kid Products

| ID | Nama            | Harga      |
|----|-----------------|------------|
| 1  | Pampers         | Rp 100.000 |
| 2  | Tisu Basah Bayi | Rp 55.000  |
| 3  | Mainan Balok    | Rp 150.000 |

## Halaman User

127.0.0.1:8000/user/27/name/Ageng

## User Profile

| ID | Name  |
|----|-------|
| 27 | Ageng |

## Halaman Penjualan

127.0.0.1:8000/penjualan

## Penjualan

| ID | Product ID | User ID | Quantity |
|----|------------|---------|----------|
| 1  | 1          | 1       | 5        |
| 2  | 2          | 2       | 3        |
| 3  | 3          | 3       | 2        |
| 4  | 4          | 4       | 1        |
| 5  | 5          | 5       | 4        |

6. Simpan setiap perubahan yang dilakukan pada project POS pada Git, sinkronisasi perubahan ke Github.