

**LAPORAN HASIL TUGAS PEMROGRAMAN WEB LANJUT : JOBSHEET 2**



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**PROGRAM STUDI D-IV SISTEM INFORMASI BISNIS  
JURUSAN TEKNOLOGI INFORMASI  
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2024**

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.

```
C:\laragon\www>composer create-project --prefer-dist laravel/laravel POS

Creating a "laravel/laravel" project at "./POS"
Cannot use laravel/laravel's latest version v12.0.1 as it requires php ^8.2 which is not satisfied by your platform.
Installing laravel/laravel (v10.3.3)
- Installing laravel/laravel (v10.3.3): Extracting archive
Created project in C:\laragon\www\POS
> @php -r "file_exists('.env') || copy('.env.example', '.env');"

Warning: PHP Startup: Unable to load dynamic library 'sqlsrv' (tried: C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\sqlsrv (The specified module could not be found), C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\php_sqlsrv.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'pdo_sqlsrv' (tried: C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\pdo_sqlsrv (The specified module could not be found), C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\php_pdo_sqlsrv.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'php_pdo_sqlsrv_81_ts_64.dll' (tried: C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\php_pdo_sqlsrv_81_ts_64.dll (The specified module could not be found), C:\laragon\bin\php\php-8.1.10-Win32-vs16-x64\ext\php_php_pdo_sqlsrv_81_ts_64.dll (The specified module could not be found)) in Unknown on line 0
Loading composer repositories with package information
Updating dependencies
Lock file operations: 111 installs, 0 updates, 0 removals
- Locking brick/math (0.12.3)
- Locking carbonphp/carbon-doctrine-types (2.1.0)
- Locking dflydev/dot-access-data (v3.0.3)
- Locking doctrine/inferno (2.0.10)
- Locking doctrine/lexer (3.0.1)
- Locking dragonmantank/cron-expression (v3.4.0)
- Locking egulias/email-validator (4.0.3)
- Locking fakerphp/faker (v1.24.1)
```

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

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

- Controller

- HomeController

```
C:\laragon\www\POS>php artisan make:controller HomeController
```

```

app > Http > Controllers > HomeController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class HomeController extends Controller
8  {
9      public function index()
10     {
11         return view('home');
12     }
13 }
14
15

```

- ProductController

```
C:\laragon\www\POS>php artisan make:controller ProductController
```

```

app > Http > Controllers > ProductController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class ProductController extends Controller
8  {
9      public function foodBeverage()
10     {
11         return view('products.food-beverage');
12     }
13
14     public function beautyHealth()
15     {
16         return view('products.beauty-health');
17     }
18
19     public function homeCare()
20     {
21         return view('products.home-care');
22     }
23
24     public function babyKid()
25     {
26         return view('products.baby-kid');
27     }
28 }
29
30

```

- UserController

```
C:\laragon\www\POS>php artisan make:controller UserController
```

```

app > Http > Controllers > UserController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class UserController extends Controller
8  {
9      public function show($id, $name)
10     {
11         return view('user.profile', compact('id', 'name'));
12     }
13 }
14

```

- SalesController

```
C:\laragon\www\POS>php artisan make:controller SalesController
```

```

app > Http > Controllers > SalesController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class SalesController extends Controller
8  {
9      public function index()
10     {
11         return view('sales.index');
12     }
13 }
14

```

- Route

```

1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\HomeController;
5  use App\Http\Controllers\ProductController;
6  use App\Http\Controllers\UserController;
7  use App\Http\Controllers\SalesController;
8
9  /*
10 |-----
11 | Web Routes
12 |-----
13 |
14 | Here is where you can register web routes for your application. These
15 | routes are loaded by the RouteServiceProvider and all of them will
16 | be assigned to the "web" middleware group. Make something great!
17 |
18 */
19
20 // Halaman Home
21 Route::get('/', [HomeController::class, 'index'])->name('home');
22
23 // Halaman Products (route prefix)
24 Route::prefix('category')->group(function () {
25     Route::get('/food-beverage', [ProductController::class, 'foodBeverage']);
26     Route::get('/beauty-health', [ProductController::class, 'beautyHealth']);
27     Route::get('/home-care', [ProductController::class, 'homeCare']);
28     Route::get('/baby-kid', [ProductController::class, 'babyKid']);
29 });
30
31 // Halaman User (route param)
32 Route::get('/user/{id}/name/{name}', [UserController::class, 'show']);
33
34 // Halaman Penjualan
35 Route::get('/sales', [SalesController::class, 'index']);

```

- View

- Home

```

resources > views > home.blade.php
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Home - POS</title>
5  </head>
6  <body>
7      <h1>Welcome to POS System</h1>
8  </body>
9  </html>
10

```

## ■ Product

resources > views > products > baby-kid.blade.php

```
1 <h1>Baby & Kid</h1>
2 <p>Daftar produk bayi dan anak-anak.</p>
3
```

resources > views > products > beauty-health.blade.php

```
1 <h1>Beauty & Health</h1>
2 <p>Daftar produk kecantikan dan kesehatan.</p>
3
```

resources > views > products > food-beverage.blade.php

```
1 <h1>Food & Beverage</h1>
2 <p>Daftar produk makanan dan minuman.</p>
3
```

resources > views > products > home-care.blade.php

```
1 <h1>Home Care</h1>
2 <p>Daftar produk perawatan rumah.</p>
3
```

## ■ User

resources > views > user > profile.blade.php

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>User Profile</title>
5 </head>
6 <body>
7   <h1>Profil Pengguna</h1>
8   <p>ID: {{ $id }}</p>
9   <p>Nama: {{ $name }}</p>
10 </body>
11 </html>
12
```

## ■ Sales

resources > views > sales > index.blade.php

```
1 <h1>Halaman POS</h1>
2 <p>Silakan lakukan transaksi penjualan.</p>
```

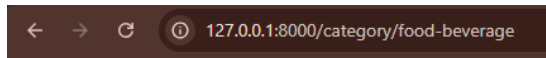
4. Route tersebut menjalankan fungsi pada Controller yang berbeda di setiap halaman.
5. Fungsi pada Controller akan memanggil view sesuai halaman yang akan ditampilkan.
6. Simpan setiap perubahan yang dilakukan pada project POS pada Git, sinkronisasi perubahan ke Github.

- Home: <http://127.0.0.1:8000/>



## Welcome to POS System

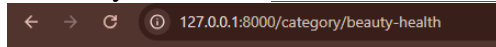
- Food & Beverage: <http://127.0.0.1:8000/category/food-beverage>



## Food & Beverage

Daftar produk makanan dan minuman.

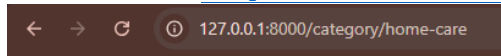
- Beauty & Health: <http://127.0.0.1:8000/category/beauty-health>



## Beauty & Health

Daftar produk kecantikan dan kesehatan.

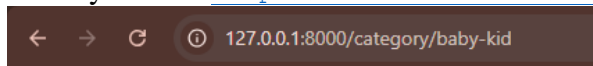
- Home Care: <http://127.0.0.1:8000/category/home-care>



## Home Care

Daftar produk perawatan rumah.

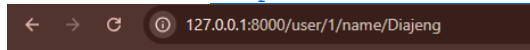
- Baby & Kid: <http://127.0.0.1:8000/category/baby-kid>



## Baby & Kid

Daftar produk bayi dan anak-anak.

- User Profile: <http://127.0.0.1:8000/user/1/name/JohnDoe>

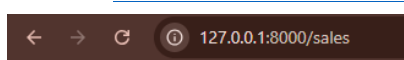


## Profil Pengguna

ID: 1

Nama: Diajeng

- POS: <http://127.0.0.1:8000/sales>



## Halaman POS

Silakan lakukan transaksi penjualan.