


Project – External Documentation	
COMP6051016 Web Programming	
Odd Semester Year 2023/2024	

- **Project Title**

XIAO DING DONG

- **Introduction**

PROJECT EXPLANATION

- **Report / Documentation**

REPORT / PRINT SCREEN & DESCRIPTION

1. Routing

```

web.php x
routes > web.php
24 // ALL [ GUEST, ADMIN, XIAO USER ]
25 Route::get('/', [HomeController::class, 'index'])->name('viewMenu');
26 Route::post('/', [HomeController::class, 'filter'])->name('filterCategory');
27 Route::get('/search/{id}', [FoodController::class, 'detail'])->name('detail');
28
29 Route::middleware('guest')->group(function () {
30     Route::get('/login', function () {
31         return view('login');
32     });
33
34     Route::get('/register', function () {
35         return view('register');
36     });
37     Route::post('/login', [LoginController::class, 'loginUser'])->name('login');
38     Route::post('/register', [RegisterController::class, 'registerUser'])->name('register');
39 });

```

line 25-27 adalah route yang bisa diakses oleh semua role

line 29-39 adalah route untuk user yang belum melakukan login (guest)

```

web.php x
routes > web.php
41 // AUTH [ ADMIN, XIAO USER ]
42 Route::middleware('auth')->group(function () {
43     Route::get('/logout', [LoginController::class, 'logoutUser']);
44
45     Route::get('/profile', function () {
46         return view('profile');
47     });
48     Route::post('/profile', [ProfileController::class, 'update']);
49
50     Route::get('/search', [FoodController::class, 'index'])->name('searchFood');
51     Route::post('/search', [FoodController::class, 'search'])->name('searchFoodPost');
52
53 // AUTH [ XIAO USER ]
54 Route::middleware('forXiaoUser:Xiao User')->group(function () {
55     Route::post('/search/{id}', [FoodController::class, 'cart'])->name('cart');
56
57     Route::get('/cart', [CartController::class, 'index']);
58     Route::post('/cart/{id}', [CartController::class, 'quantity']);
59     Route::post('/cart-delete/{id}', [CartController::class, 'delete']);
60
61     Route::get('/checkout', [CheckoutController::class, 'index']);
62     Route::post('/checkout', [CheckoutController::class, 'checkout']);
63     Route::get('/history', [TransactionDetailController::class, 'index']);
64 });
65
66 // AUTH [ ADMIN ]
67 Route::middleware('security:Admin')->group(function () {
68     Route::get('/addNewFood', function () {
69         return view('addNewFood');
70     });
71     Route::post('/addFood', [FoodController::class, 'store'])->name('addFood');
72
73     Route::get('/updateFood/{id}', [FoodController::class, 'edit'])->name('updateFoodView');
74     Route::post('/updateFood/{id}', [FoodController::class, 'update'])->name('updateFood');
75     Route::delete('/delete/{id}', [FoodController::class, 'destroy'])->name('foodRemove');
76 });
77 });

```

line 42-77 adalah route untuk user yang sudah melakukan login (auth)

line 54-64 adalah route untuk role 'Xiao User'

line 67-77 adalah route untuk role 'Admin'

2. Middleware

middleware yang dipakai ada 4 yaitu: Authenticate, RedirectIfAuthenticated, Security, ForXiaoUser

```

15 protected function redirectTo($request)
16 {
17     if (! $request->expectsJson()) {
18         return route('login');
19     }
20 }
21 }
22

```

Middleware Authenticate ini adalah bawaan laravel untuk melakukan autentikasi

```

20 public function handle(Request $request, Closure $next, ...$guards)
21 {
22     $guards = empty($guards) ? [null] : $guards;
23
24     foreach ($guards as $guard) {
25         if (Auth::guard($guard)->check()) {
26             // return redirect(RouteServiceProvider::HOME);
27             return redirect('/');
28         }
29     }
30     return $next($request);
31 }
32

```

Middleware RedirectIfAuthenticated ini adalah bawaan laravel dimana saat user sudah terautentikasi maka akan ter-direct ke url ('/') yang merupakan homepage

```

18 public function handle(Request $request, Closure $next)
19 {
20     if(Auth::check() && Auth::user()->role === 'Xiao User'){
21         return $next($request);
22     }
23     return abort(401);
24 }
25

```

Middleware ForXiaoUser ini adalah buatan kami untuk access page yang hanya bisa di akses oleh Xiao User dimana disini kami melakukan pengecekan apakah user sudah terautentikasi dan role yang dimilikinya == 'Xiao User', jika tidak maka akan return 401

```

Security.php X
app > Http > Middleware > Security.php > ...
0 references | 0 overrides
18 public function handle(Request $request, Closure $next)
19 {
20     if(Auth::check() && Auth::user()->role === 'Admin'){
21         return $next($request);
22     }
23     return abort(401);
24 }
25 }
26 }
27 }

```

Middleware Security ini adalah buatan kami untuk access page yang hanya bisa di akses oleh 'Admin' dimana disini kami melakukan pengecekan apakah user sudah terautentikasi dan role yang dimilikinya == 'Admin', jika tidak maka akan return 401

3. Setting Kernel

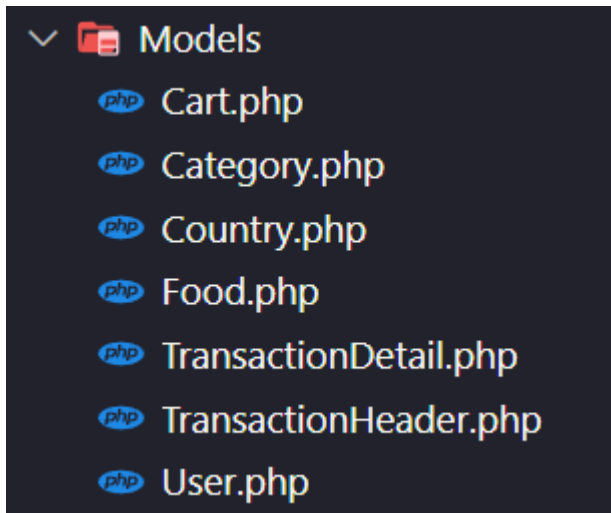
```

web.php Kernel.php X
app > Http > Kernel.php > ...
0 references
55 protected $routeMiddleware = [
56     'auth' => \App\Http\Middleware\Authenticate::class,
57     'auth.basic' => \Illuminate\Auth\Middleware\AuthenticateWithBasicAuth::class,
58     'auth.session' => \Illuminate\Session\Middleware\AuthenticateSession::class,
59     'cache.headers' => \Illuminate\Http\Middleware\SetCacheHeaders::class,
60     'can' => \Illuminate\Auth\Middleware\Authorize::class,
61     'guest' => \App\Http\Middleware\RedirectIfAuthenticated::class,
62     'password.confirm' => \Illuminate\Auth\Middleware\RequirePassword::class,
63     'signed' => \App\Http\Middleware\ValidateSignature::class,
64     'throttle' => \Illuminate\Routing\Middleware\ThrottleRequests::class,
65     'verified' => \Illuminate\Auth\Middleware\EnsureEmailIsVerified::class,
66     'security' => \App\Http\Middleware\Security::class, //admin access
67     'forXiaoUser' => \App\Http\Middleware\ForXiaoUser::class, //member access
68 ];
69 }

```

4. Model

Disini kami membuat 7 Model, yaitu:



5. Migration, Seeder, Factory

Untuk user kami membuat migration, dan factorynya sebagai berikut (seedernya di database seeder)

```

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('users', function (Blueprint $table) {
            $table->id();
            $table->string('username');
            $table->string('email')->unique();
            $table->string('phone_number')->nullable();
            $table->string('address')->nullable();
            $table->string('profile_picture')->nullable();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
            $table->string('role')->default('Xiao User');
            $table->rememberToken();
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     */

```

```

database > factories > UserFactory.php > UserFactory > definition
5  use Illuminate\Database\Eloquent\Factories\Factory;
6  use Illuminate\Support\Facades\Hash;
7  use Illuminate\Support\Str;
8
9  /**
10   * @extends \Illuminate\Database\Eloquent\Factories\Factory<\App\Models\User>
11   */
12  class UserFactory extends Factory
13  {
14      /**
15       * Define the model's default state.
16       *
17       * @return array<string, mixed>
18       */
19      public function definition()
20      {
21          return [
22              'username' => fake()->name(),
23              'email' => fake()->unique()->safeEmail(),
24              'email_verified_at' => now(),
25              'password' => Hash::make("password"),
26              'remember_token' => Str::random(10),
27              'role' => $this->faker->randomElement(['Admin', 'Xiao User'])
28          ];
29      }
30
31      /**
32       * Indicate that the model's email address should be unverified.
33       *
34       * @return static
35       */
36      public function unverified()
37      {

```

Untuk category food, kami membuat sebuah table categories yg memiliki migration dan seeder sebagai berikut

```

database > migrations > 2023_11_23_055703_create_categories_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       * @return void
13       */
14     public function up()
15     {
16         Schema::create('categories', function (Blueprint $table) {
17             $table->id();
18             $table->string('category_name');
19             $table->timestamps();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      *
26      * @return void
27      */
28     public function down()
29     {
30         Schema::dropIfExists('categories');
31     }
32 };
33

```



```

1  |<?php
2
3  namespace Database\Seeders;
4
5  use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6  use Illuminate\Database\Seeder;
7  use Illuminate\Support\Facades\DB;
8
9  class CategorySeeder extends Seeder
10 {
11     /**
12      * Run the database seeds.
13      *
14      * @return void
15      */
16     public function run()
17     {
18         DB::table('categories')->insert([
19             [
20                 'category_name' => '主菜 | Main Course'
21             ],
22             [
23                 'category_name' => '饮料 | Beverage'
24             ],
25             [
26                 'category_name' => '甜点 | Dessert'
27             ]
28         ]);
29     }
30 }
31

```

Untuk food, kami membuat sebuah table foods yg memiliki migration dan seeder sebagai berikut

```

database > migrations > 2023_11_23_061000_create_foods_table.php > #Class#7994fd4b > up
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       * Run the migrations.
10      *
11      * @return void
12      */
13     public function up()
14     {
15         Schema::create('foods', function (Blueprint $table) {
16
17             $table->id();
18             $table->string('food_name', 255)->required();
19             $table->string('food_brief_description', 100)->required();
20             $table->string('food_full_description', 255)->required();
21             $table->foreignId('category_id')->required();
22             $table->integer('food_price')->required();
23             $table->string('food_image', 255)->required();
24             $table->timestamps();
25         });
26     }
27
28     /**
29      * Reverse the migrations.
30      *
31      * @return void
32      */
33     public function down()

```

```
2023_11_23_061000_create_foods_table.php  FoodSeeder.php X 2023_11_23_061141_create_carts_table.php
database > seeders > FoodSeeder.php > ...
17
18 DB::table('foods')->insert([
19     [
20         'food_name' => 'dumpling',
21         'food_brief_description' => 'dumpling asli tiongkok',
22         'food_full_description' => 'dumpling asli tiongkok mantapppp',
23         'category_id' => 3,
24         'food_price' => 80000,
25         'food_image' => 'dumpling.jpg'
26     ],
27     [
28         'food_name' => 'capcay',
29         'food_brief_description' => 'capcay cak maman',
30         'food_full_description' => 'capcay cak maman',
31         'category_id' => 1,
32         'food_price' => 180000,
33         'food_image' => 'capcay.jpg'
34     ],
35     [
36         'food_name' => 'ayam',
37         'food_brief_description' => 'ayam asam manis ko aliong',
38         'food_full_description' => 'ayam asam manis ko aliong mantappppp',
39         'category_id' => 1,
40         'food_price' => 280000,
41         'food_image' => 'ayam.jpg'
42     ],
43     [
44         'food_name' => 'sake',
45         'food_brief_description' => 'sake premium 100%',
46         'food_full_description' => 'sake asli china premium 100%',
47         'category_id' => 2,
48         'food_price' => 680000,
49         'food_image' => 'sake.jpg'
50     ]
51 ])
```

Untuk cart, kami hanya membuat migrationnya saja karena cart akan diisi nanti oleh user.

```

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       * @return void
13       */
14     public function up()
15     {
16         Schema::create('carts', function (Blueprint $table) {
17             $table->id();
18             $table->foreignId("user_id")->nullable(false);
19             $table->foreignId("food_id")->nullable(false);
20             $table->integer("quantity")->nullable(false);
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('carts');
33     }
34 }

```

Kami juga membuat table countries, yang sebenarnya hanya digunakan supaya kami bisa menggunakan faker untuk generate country pada transaction

```

database > migrations > 2023_12_04_032355_create_countries_table.php > #Class#3285c76d >
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       * @return void
13       */
14     public function up()
15     {
16         Schema::create('countries', function (Blueprint $table) {
17             $table->id();
18             $table->string('country')->unique();
19             $table->timestamps();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      *
26      * @return void
27      */
28     public function down()
29     {
30         Schema::dropIfExists('countries');
31     }
32 };

```

Untuk country pada transaction header tetap kami simpan dalam bentuk suatu string

```

database > migrations > 2023_11_23_063512_create_transaction_headers_table.php > #Class#931e3188 >
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       * @return void
13       */
14     public function up()
15     {
16         Schema::create('transaction_headers', function (Blueprint $table) {
17             $table->string('transaction_id');
18             $table->foreignId("user_id")->nullable(false);
19             $table->string("full_name")->nullable(false);
20             $table->string("phone_number")->nullable(false);
21             $table->string("address")->nullable(false);
22             $table->string("city")->nullable(false);
23             $table->string("card_holder_name")->nullable(false);
24             $table->string("card_number")->nullable(false);
25             $table->string("country")->nullable(false);
26             $table->string("zip_code")->nullable(false);
27             $table->timestamps();
28             $table->primary('transaction_id');
29         });
30     }
31
32     /**

```

Transaction detail

```

database > migrations > 2023_11_23_063528_create_transaction_details_table.php > #Class#bf332691 > up
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       * @return void
13       */
14     public function up()
15     {
16         Schema::create('transaction_details', function (Blueprint $table) {
17             $table->id();
18             $table->string('transaction_id');
19             $table->foreignId("food_id")->nullable(false);
20             $table->integer("quantity");
21             $table->timestamps();
22             $table->foreign("transaction_id")->references('transaction_id')->on('transaction_headers');
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('transaction_details');

```

Untuk transaction, sama seperti cart, kami hanya membuat migrationnya saja karena cart akan diisi nanti oleh user.

Pada database seeder kami memanggil factory dan seeder table.

```

database > seeders > DatabaseSeeder.php > ...
19  {
20      User::factory(10)->create();
21      $this->call(CategorySeeder::class);
22      $this->call(FoodSeeder::class);
23      $this->call(CountrySeeder::class);
24
25      // \App\Models\User::factory()->create([
26      //     'name' => 'Test User',
27      //     'email' => 'test@example.com',
28      // ]);
29
30      User::factory()->create([
31          'username' => 'admin1',
32          'email' => 'admin1@gmail.com',
33          'password' => bcrypt('admin123'),
34          'role' => 'Admin'
35      ]);
36
37      User::factory()->create([
38          'username' => 'admin2',
39          'email' => 'admin2@gmail.com',
40          'password' => bcrypt('admin234'),
41          'role' => 'Admin'
42      ]);
43
44      User::factory()->create([
45          'username' => 'member',
46          'email' => 'member@gmail.com',
47          'password' => bcrypt('member123'),
48          // 'role' => 'Xiao User'
49      ]);
50
51  }

```

Untuk user, kami membuat seeder kami membuat seeder, migration, dan factory. Disini seeder digunakan kami gunakan untuk contoh Admin dan Xiao User saja. Untuk migration nanti akan akan diisii oleh user baru.

6. Views

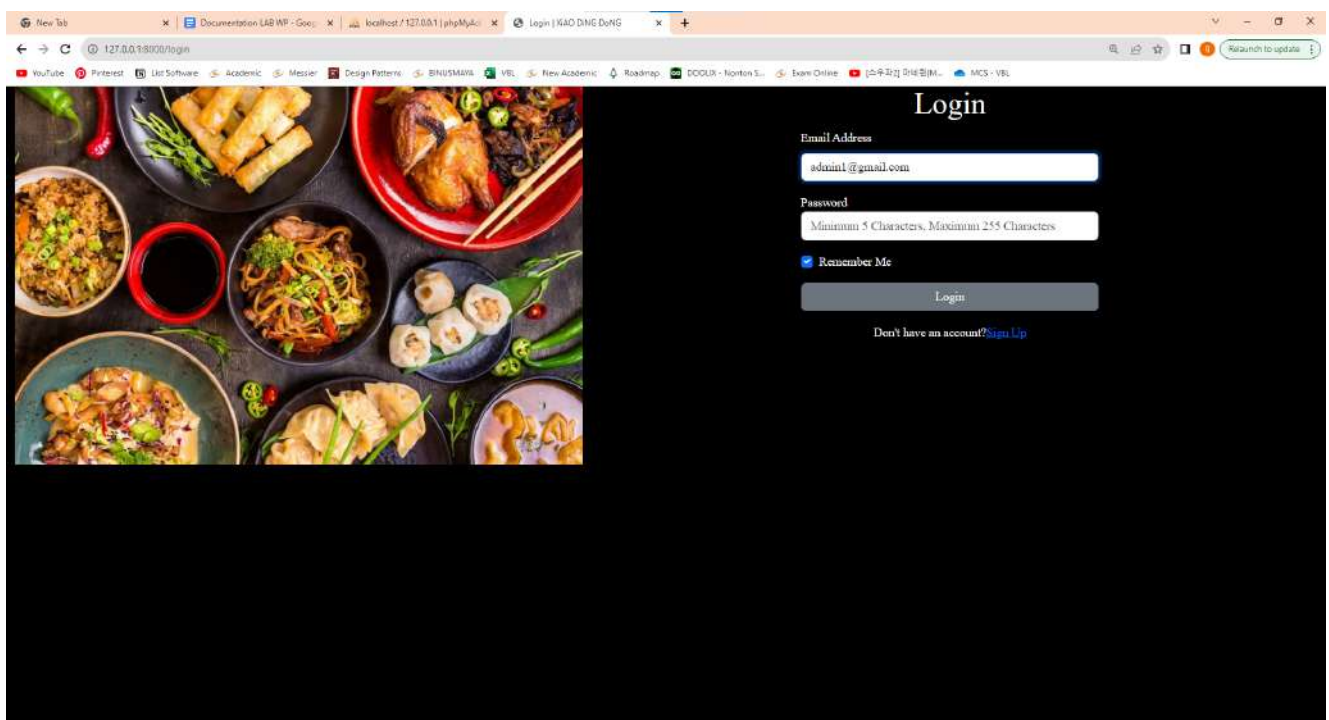
Untuk UI navbar, kami menggunakan blade @if untuk mengecek autentikasi dan role user.

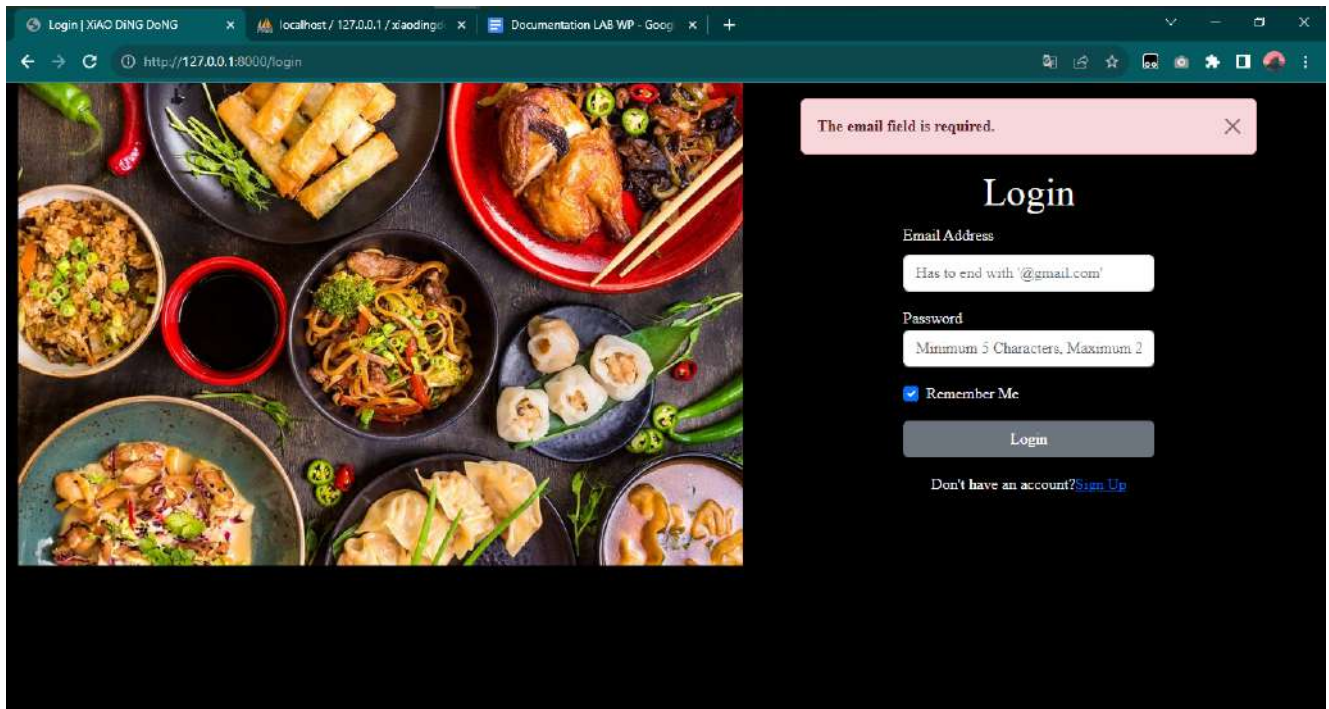

```
</li>

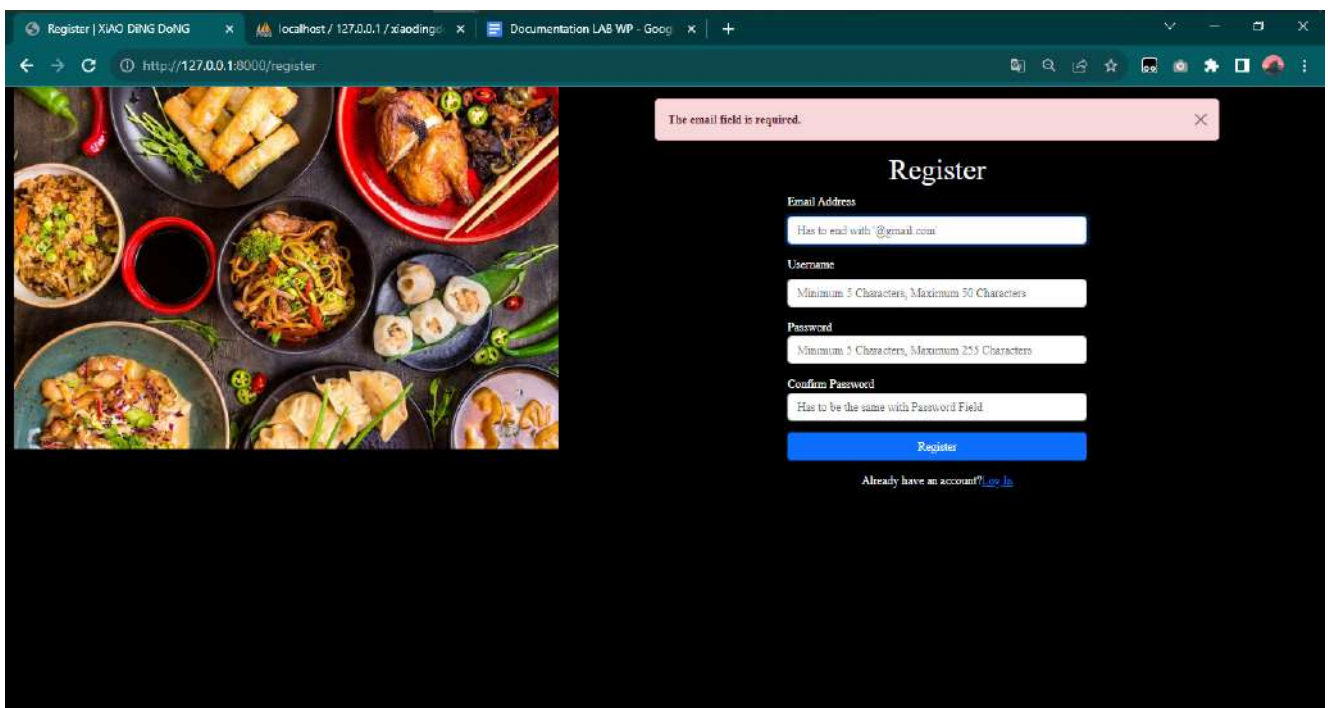
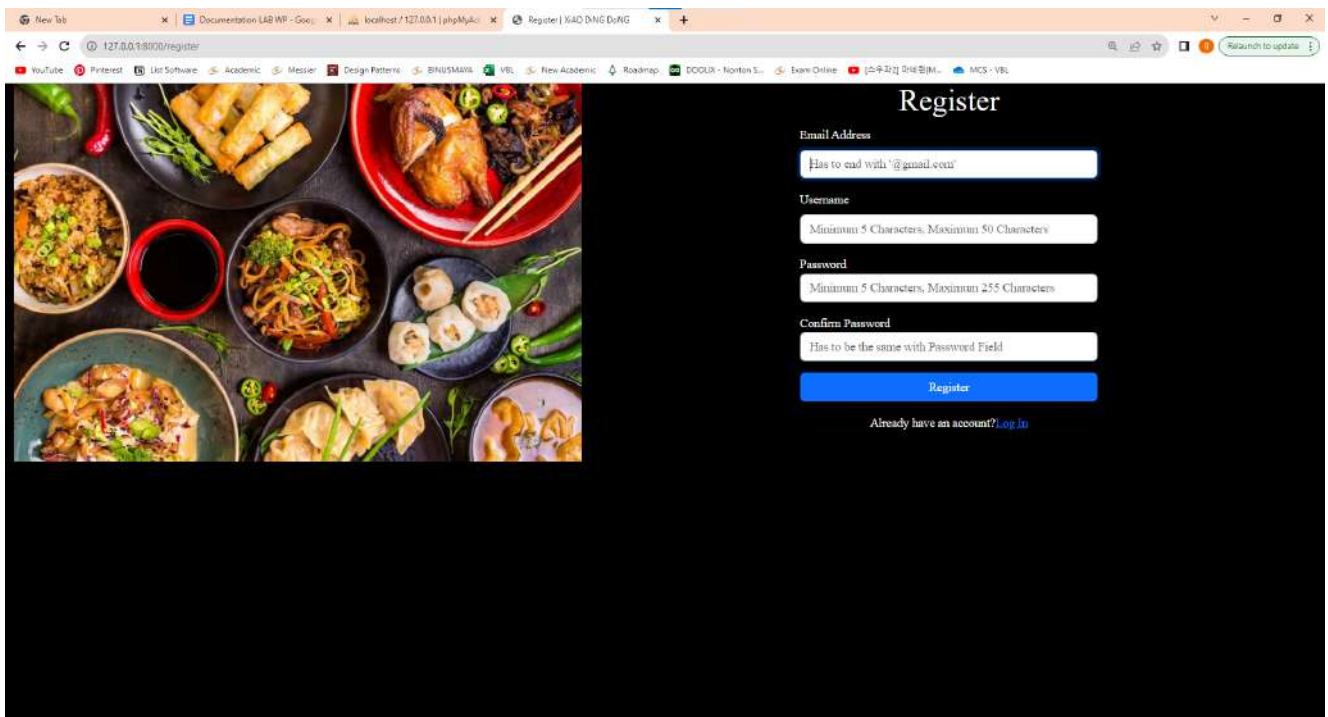
{{-- USER --}}
@if (Auth::user() && Auth::user()->role == 'Xiao User')
    <li class="nav-item">
        <a class="nav-link" aria-current="page" href="/search">Search Food</a>

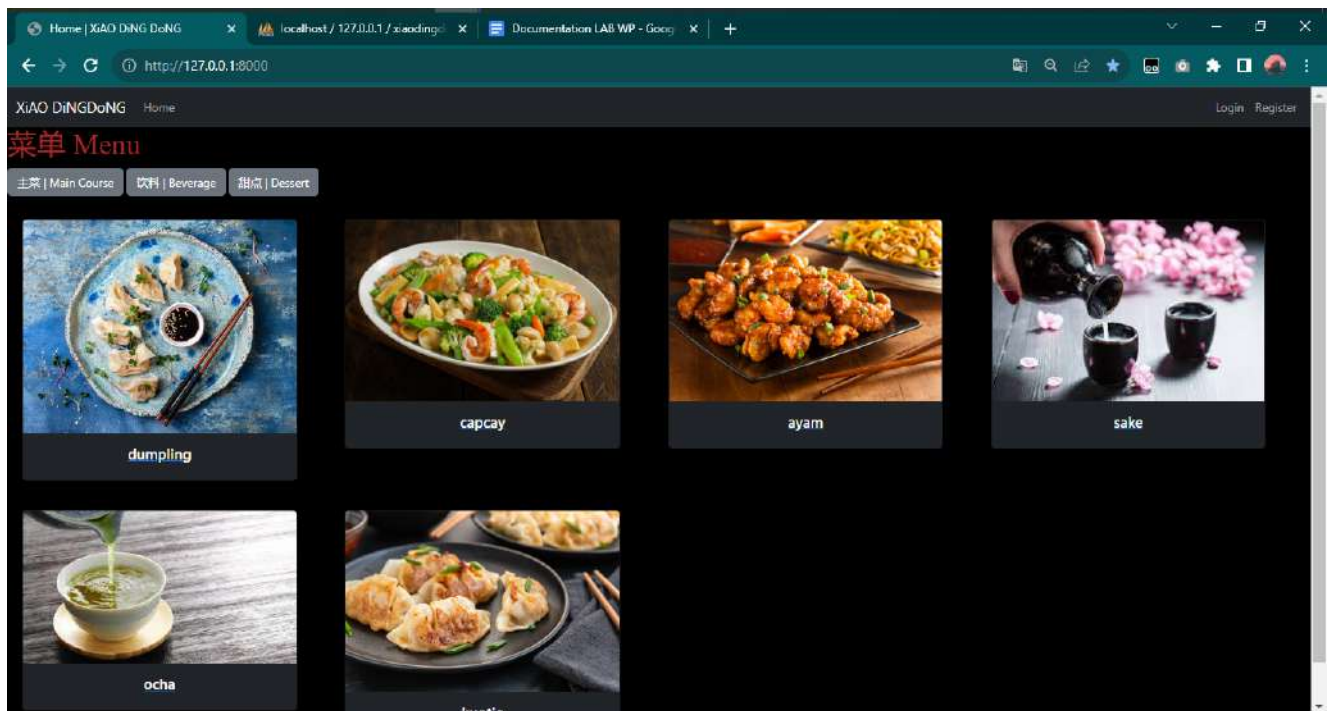
        <div class="d-flex">
    <li class="nav-item">
```

Berikut UI kami

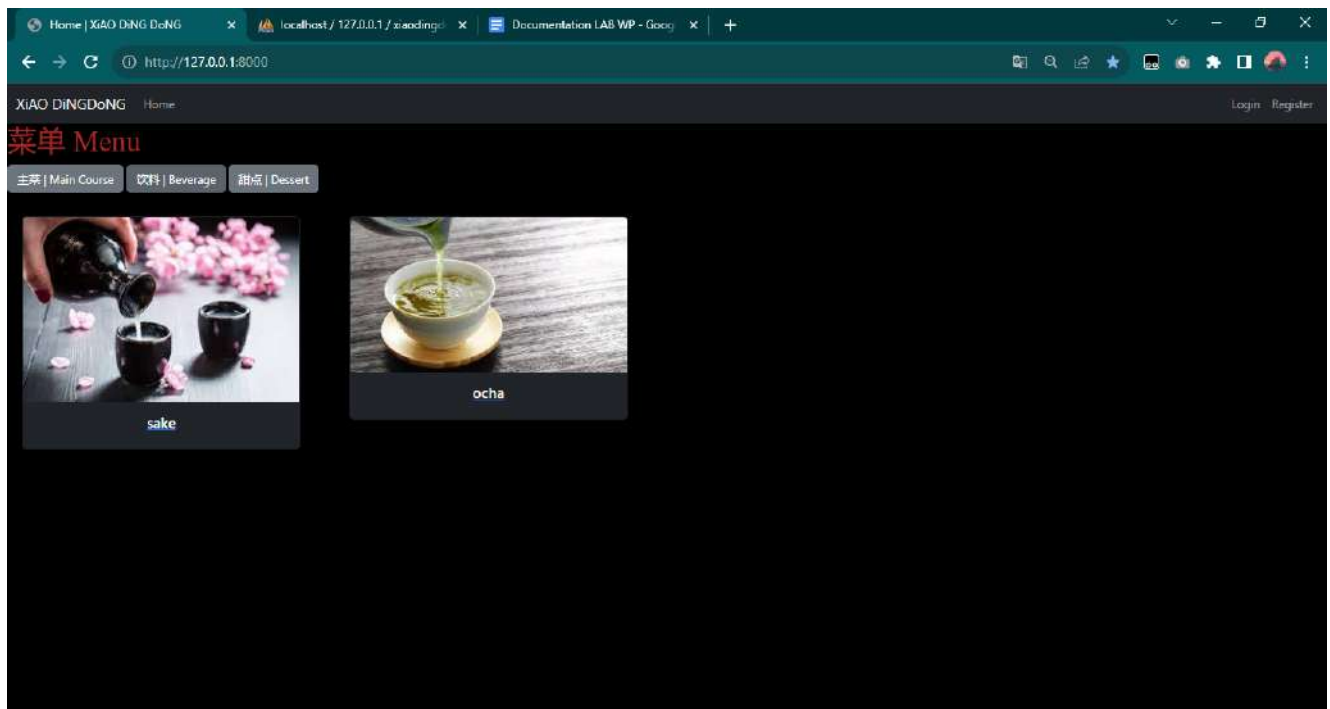




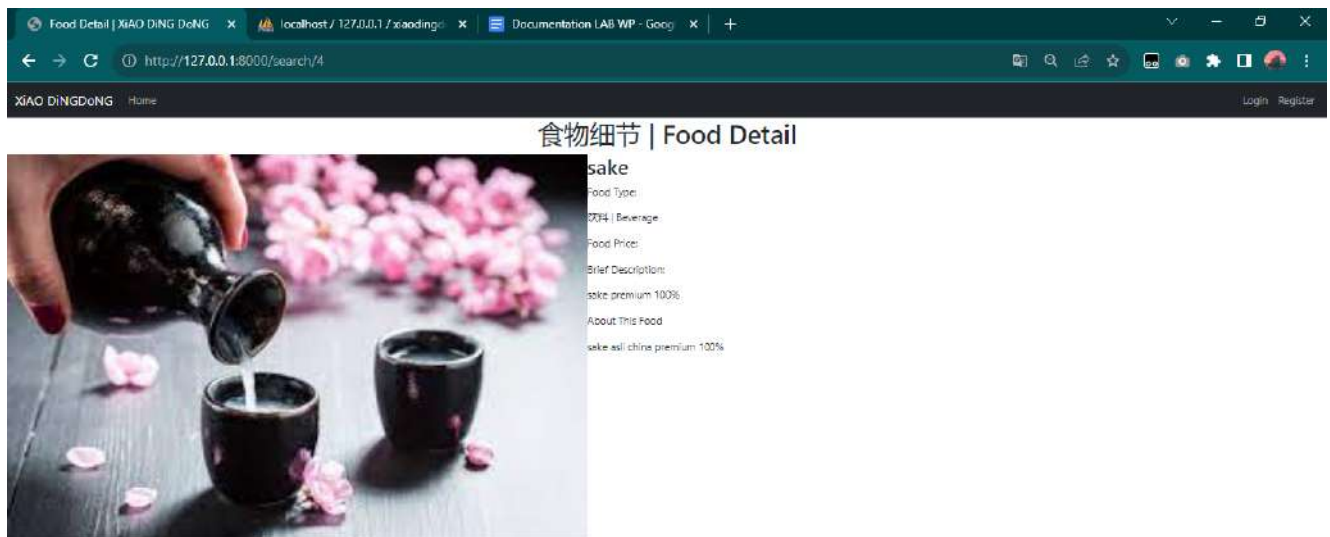




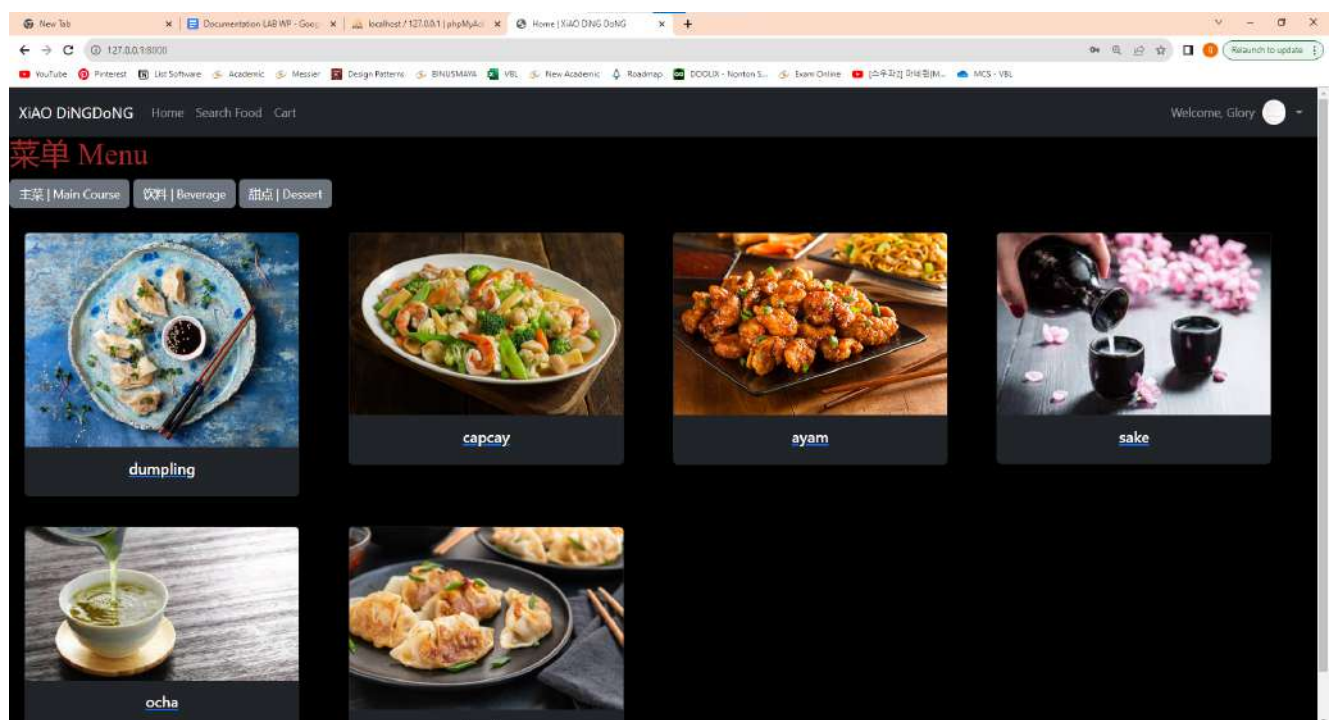
Home (Guest)



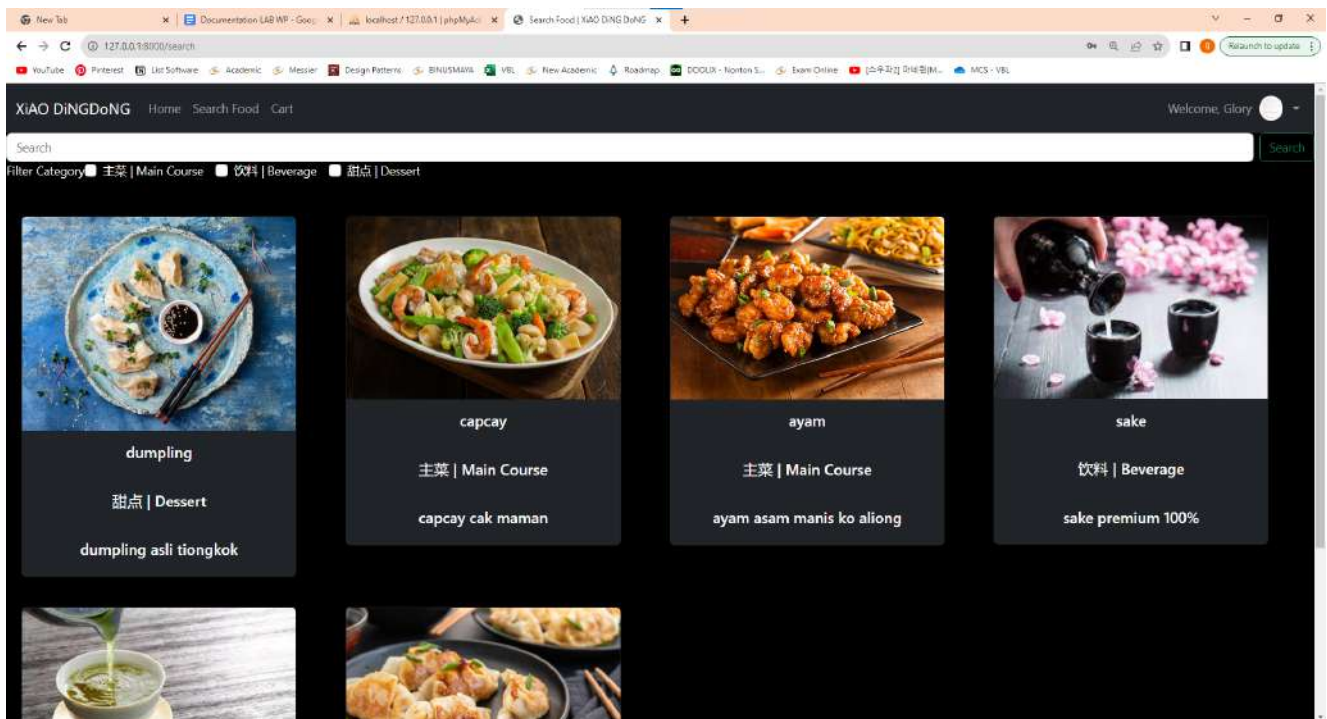
Home saat Filter Beverage di klik



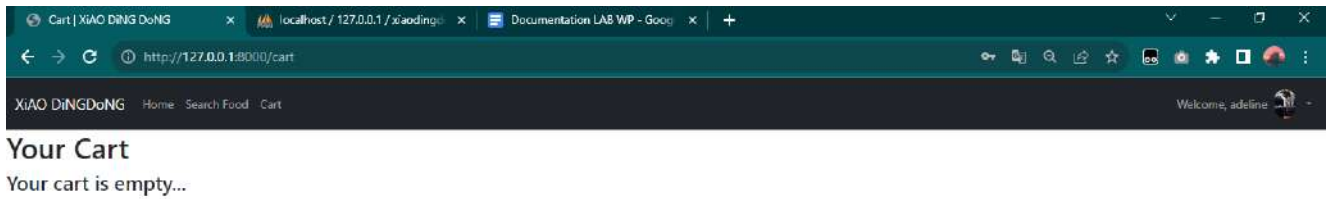
Food Detail (Guest)



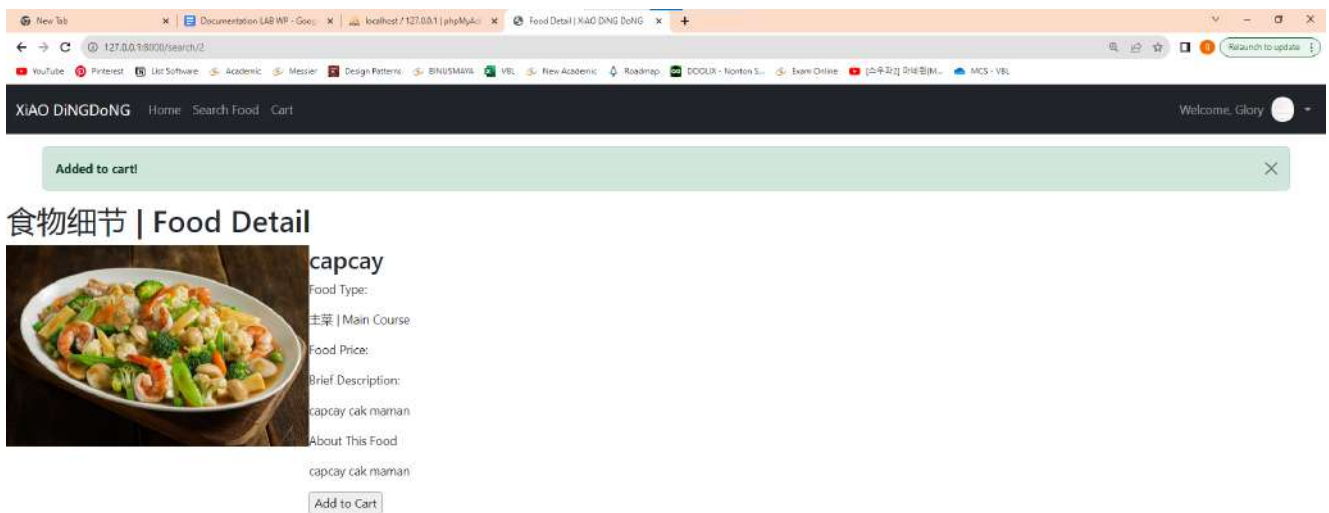
Home (Member)



Search Food (Member)



Cart saat empty



Food Detail (Member)

127.0.0.1:8000/cart

XiAO DINGDoNG Home Search Food Cart Welcome, Glory

Your Cart

Food	Price	Quantity	Total	
capcay	180000	<input type="text" value="1"/> <input type="text" value="2"/>	180000	<button>Remove</button>

Total Price : 180000

Proceed to Checkout

127.0.0.1:8000/checkout

XiAO DINGDoNG Home Search Food Cart Welcome, Glory

Checkout

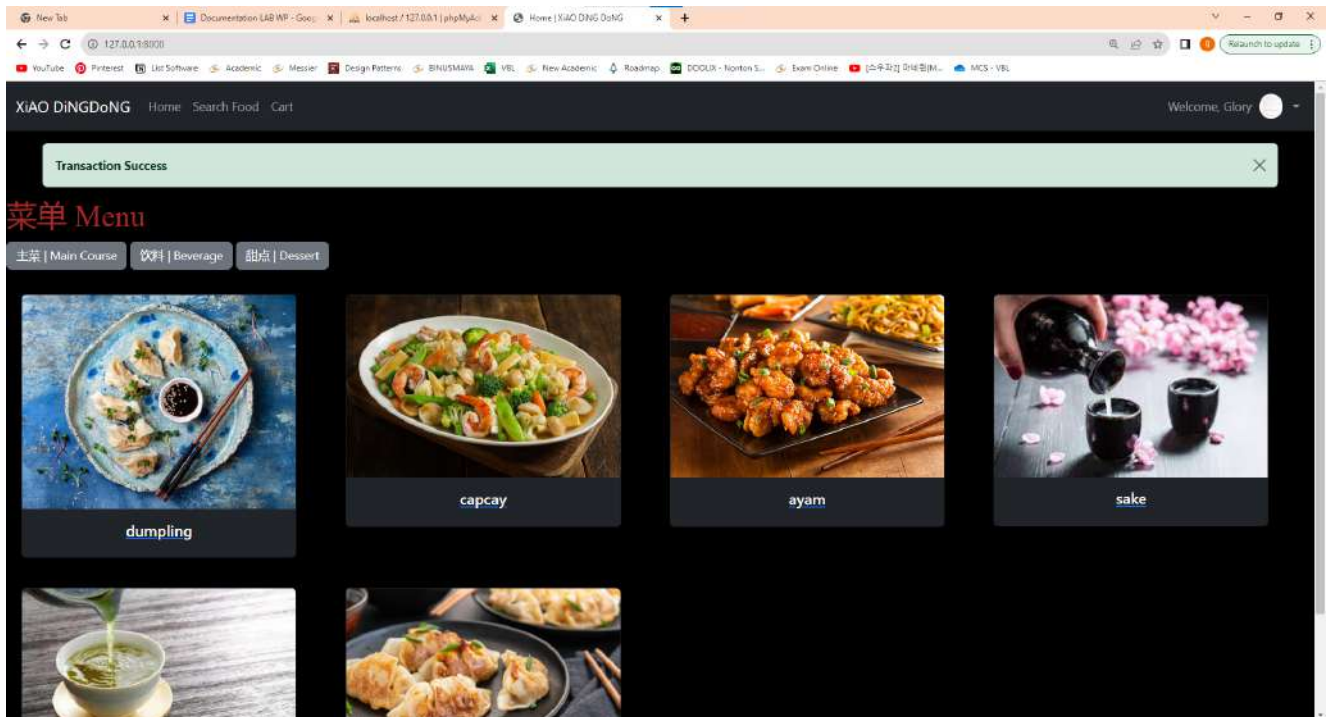
Billing Information

Full Name <input type="text" value="Min 5 characters"/>	Phone Number <input type="text" value="Must be numerical and consists of 12 numbers"/>
Country <input type="text" value="Liechtenstein"/>	City <input type="text" value="Min 5 characters"/>
Card Holder Name <input type="text" value="Min 3 characters"/>	Card Number <input type="text" value="Must be filled and has 16 digits"/>

Additional Information

Address

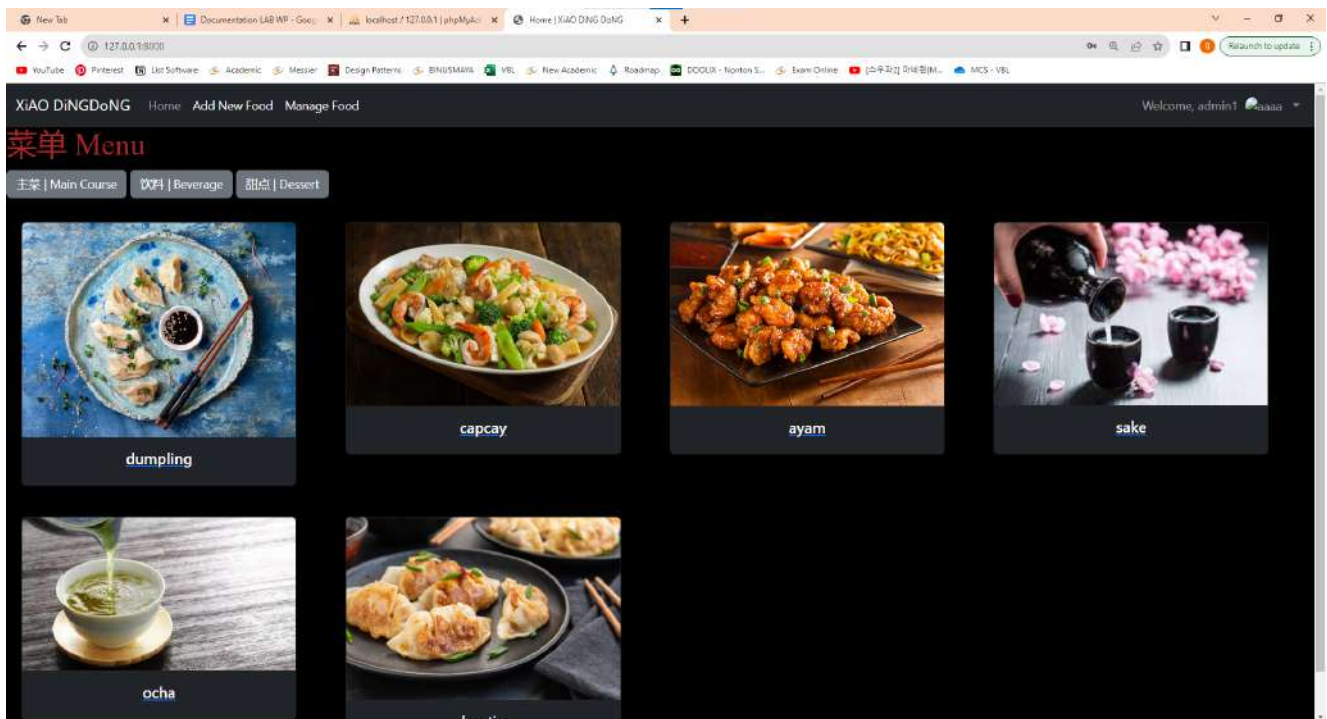
ZIP / Postal Code



Transaction Success

Your Cart

Transaction ID	Purchase Date	Food Name	Total Price
TR251	2023-12-11	capcay [x1]	180000



Home (Admin)

添加新食物 | Add New Food

Food Name
Must be filled and contains minimum 5 characters

Food Brief Description
Must be filled and less than or equal to 100 characters

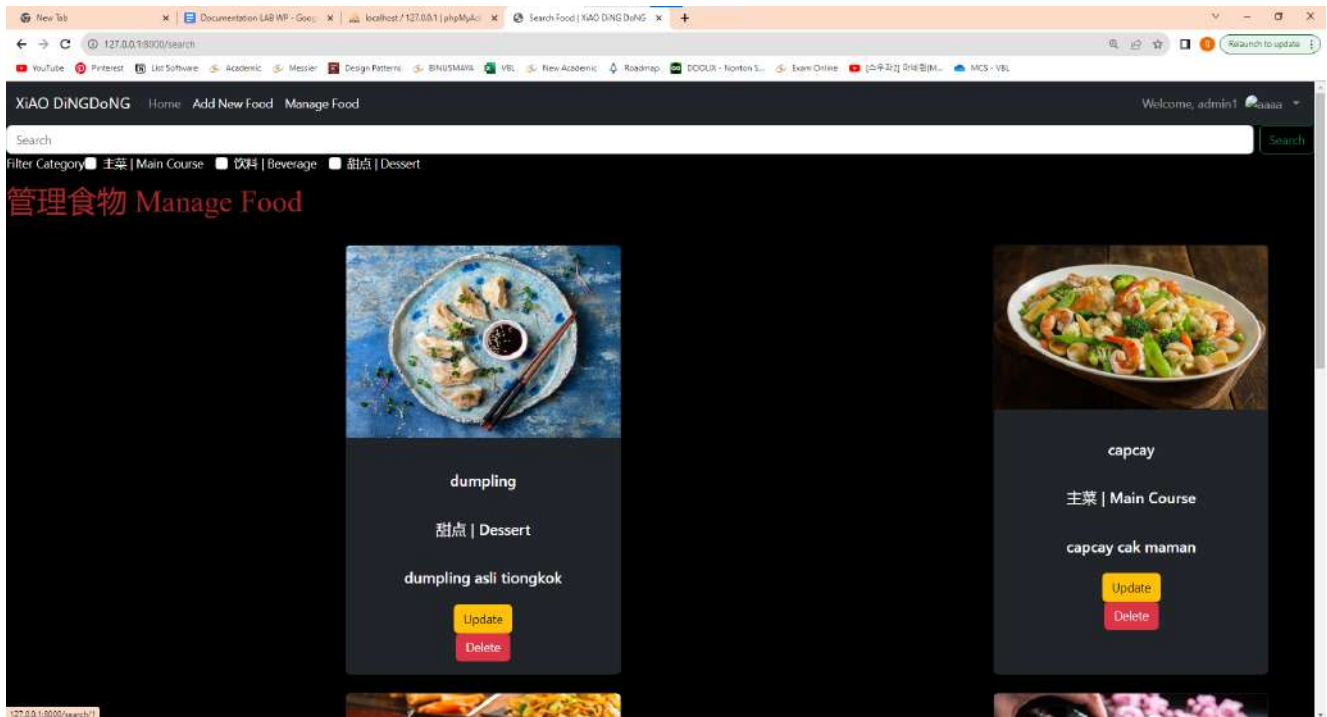
Food Full Description
Must be filled and less than or equal to 255 characters

Food Category
Main Course

Food Price
Must be filled and has to be more than 0

Food Image
Choose File No file chosen

Cancel Save



Manage Food (Admin) untuk tampilan manageFood kami memakai tampilan searchFood yang kami implementasikan blade @if untuk mengecek autentikasi dan role user. Jika role == 'Admin' maka ada tambahan button untuk update dan delete.

7. Controller

Disini kami membuat 8 controller, yaitu: CartController, CheckoutController, FoodController, HomeController, LoginController, ProfileController, RegisterController, TransactionDetailController.

Cart Controller berisi function index untuk return view cart user, function quantity untuk update quantity cart, function delete untuk delete cart item

```
File Edit Selection View Go Run Terminal Help
CartController.php - WebProgramming_LAB_Project_Final2 - Visual Studio Code

app > http > Controllers > CartController.php > ...
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Cart;
6 use Illuminate\Http\Request;
7 use Illuminate\Support\Facades\Auth;
8
9 class CartController extends Controller
10 {
11     public function index() {
12         $user = Auth::user();
13         if ($user) {
14             $cart = Cart::where('user_id', $user->id)->get();
15             // dd($cart);
16             return view('cart')->with('cart', $cart);
17         }
18         return redirect('/login');
19     }
20
21     public function quantity(Request $request, string $id) {
22         $id = (int) $id;
23         $user = Auth::user();
24         if ($user) {
25             $cart = Cart::where('user_id', $user->id)->get();
26             $superCart = Cart::where('id', $id)->first();
27             if ($superCart->null) {
28                 if ($request->input('type') == "add") {
29                     $quantity = $superCart->quantity + 1;
30                     $superCart->quantity = $quantity;
31                     $superCart->save();
32                     // dd($superCart->quantity);
33                 }
34             }
35             if ($request->input('type') == "add") {
36                 $quantity = $superCart->quantity + 1;
37                 $superCart->quantity = $quantity;
38                 $superCart->save();
39                 // dd($superCart->quantity);
40             }
41             return redirect('/cart')->with('cart', $cart);
42         }
43         return redirect('/login');
44     }
45
46     public function delete(Request $request, string $id) {
47         $id = (int) $id;
48         Cart::destroy($id);
49         $cart = Cart::all();
50         return redirect('/cart', ['cart' => $cart, 'alert' => 'Cart deleted!']);
51     }
52 }
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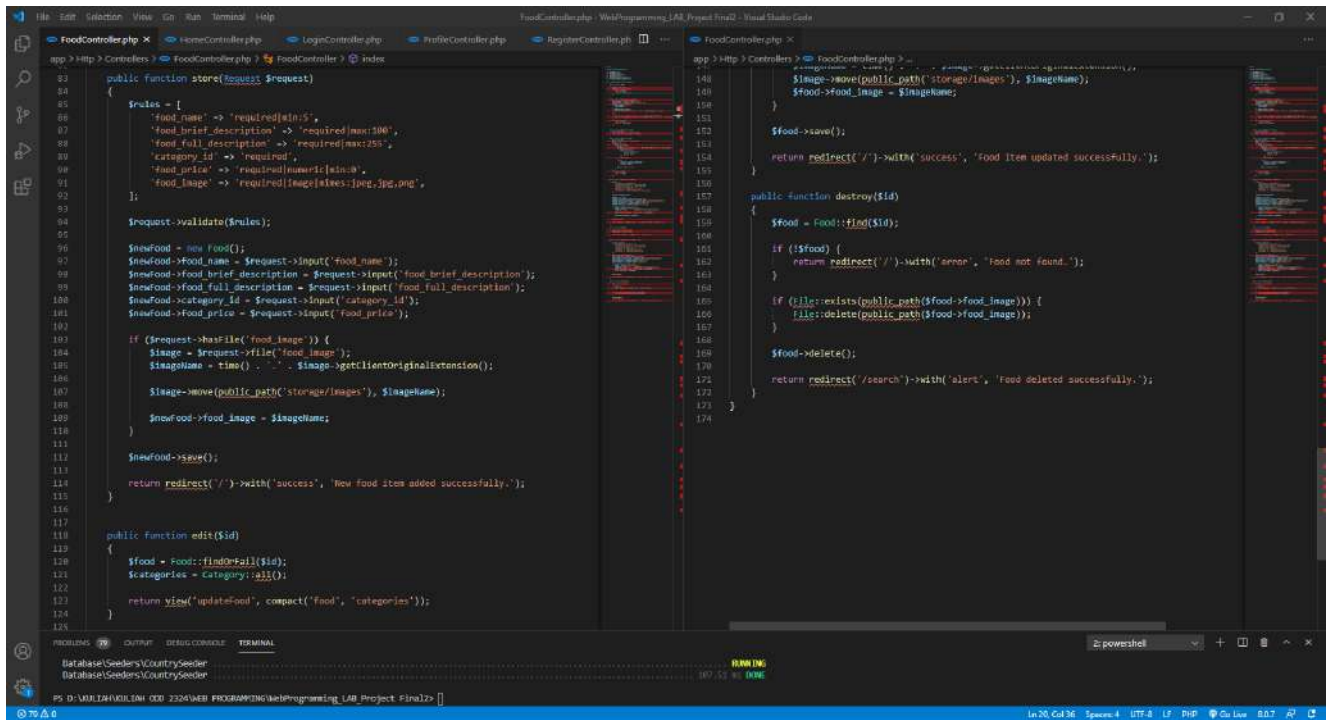


```
File Edit Selection View Go Run Terminal Help
FoodController.php - WebProgramming_LAB_Project_Final2 - Visual Studio Code

app > http > Controllers > FoodController.php > FoodController > index

12 class FoodController extends Controller
13 {
14     public function index()
15     {
16         $foods = Food::all();
17         $category = Category::all();
18         return view('searchFood', [
19             'food' => $foods,
20             'category' => $category
21         ]);
22     }
23 }
24
25 public function search(Request $request) {
26     $searchName = $request->input('search');
27     $categoryName = $request->input('category', []);
28     $category = Category::all();
29     if ($searchName == null) {
30         $searchName = '';
31     }
32     if (empty($categoryName)) {
33         $food = Food::where('food_name', 'LIKE', '%'.$searchName.'%')->get();
34     }
35     else {
36         $id = Category::where('category_name', $categoryName)->pluck('id');
37         $food = Food::whereIn('category_id', $id)->where('food_name', 'LIKE', '%'.$searchName.'%');
38     }
39     return view('searchFood', [
40         'food' => $food,
41         'category' => $category
42     ]);
43 }
44
45 public function detail(string $id) {
46     $id = (int) $id;
47     $food = Food::where('id', $id)->first();
48     return view('detail', ['food' => $food]);
49 }
50
51 public function cart(string $id) {
52     $id = (int) $id;
53
54     public function cart(string $id) {
55         $id = (int) $id;
56         $food = Food::where('id', $id)->first();
57         $alert = null;
58         if ($food != null) {
59             $user = Auth::user();
60             if ($user != null) {
61                 $userCart = Cart::where('user_id', $user->id)->where('food_id', $id)->first();
62                 if ($userCart == null) {
63                     $cart = new Cart([
64                         'user_id' => $user->id,
65                         'food_id' => $id,
66                         'quantity' => 1
67                     ]);
68                     $cart->save();
69                 }
70                 else {
71                     $quantity = $userCart->quantity + 1;
72                     $userCart->quantity = $quantity;
73                     $userCart->save();
74                 }
75                 $alert = 'Added to cart!';
76             }
77         }
78         return view('detail', [
79             'food' => $food,
80             'alert' => $alert
81         ]);
82     }
83
84     public function store(Request $request)
85     {
86         $rules = [
87             'food_name' => 'required|min:5',
88             'food_brief_description' => 'required|max:100',
89             'food_full_description' => 'required|max:255',
90             'category_id' => 'required',
91             'food_price' => 'required|numeric|min:0',
92             'food_image' => 'required|image|mimes:jpeg,jpg,png',
93         ];
94         $request->validate($rules);
95     }
96
97     public function update(Request $request, $id)
98     {
99         $request->validate([
100             'food_name' => 'required|min:5',
101             'food_brief_description' => 'required|max:100',
102             'food_full_description' => 'required|max:255',
103             'category_id' => 'required',
104             'food_price' => 'required|numeric|min:0',
105             'food_image' => 'image|mimes:jpeg,jpg,png',
106         ]);
107
108         $food = Food::findOrFail($id);
109         $food->food_name = $request->input('food_name');
110         $food->food_brief_description = $request->input('food_brief_description');
111         $food->food_full_description = $request->input('food_full_description');
112         $food->category_id = $request->input('category_id');
113         $food->food_price = $request->input('food_price');
114
115         if ($request->hasFile('food_image')) {
116             $image = $request->file('food_image');
117             $imageName = time() . '.' . $image->getClientOriginalExtension();
118             $image->move(public_path('storage/images'), $imageName);
119             $food->food_image = $imageName;
120         }
121         $food->save();
122         return redirect('/')->with('success', 'Food item updated successfully.');
```

```
123     }
124
125     public function destroy($id)
126     {
127         $food = Food::findOrFail($id);
128         if (!$food) {
129             return redirect('/')->with('error', 'Food not found.');
```



```
FoodController.php: WebProgramming_LAB_Project_Final2 - Visual Studio Code

app > http > Controllers > FoodController.php > FoodController > index

83 public function store(Request $request)
84 {
85     $rules = [
86         'food_name' => 'required|min:5',
87         'food_brief_description' => 'required|max:100',
88         'food_full_description' => 'required|max:255',
89         'category_id' => 'required',
90         'food_price' => 'required|numeric|min:0',
91         'food_image' => 'required|image|size:1024,1024',
92     ];
93
94     $request->validate($rules);
95
96     $newFood = new Food();
97     $newFood->food_name = $request->input('food_name');
98     $newFood->food_brief_description = $request->input('food_brief_description');
99     $newFood->food_full_description = $request->input('food_full_description');
100     $newFood->category_id = $request->input('category_id');
101     $newFood->food_price = $request->input('food_price');
102
103     if ($request->hasFile('food_image')) {
104         $image = $request->file('food_image');
105         $imageName = time() . '.' . $image->getClientOriginalExtension();
106
107         $image->move(public_path('storage/images'), $imageName);
108
109         $newFood->food_image = $imageName;
110     }
111
112     $newFood->save();
113
114     return redirect('/')->with('success', 'New food item added successfully.');
```

```
app > http > Controllers > FoodController.php > ... > destroy
140 $image->move(public_path('storage/images'), $imageName);
141 $food->food_image = $imageName;
142 }
143
144 $food->save();
145
146 return redirect('/')->with('success', 'Food item updated successfully.');
```

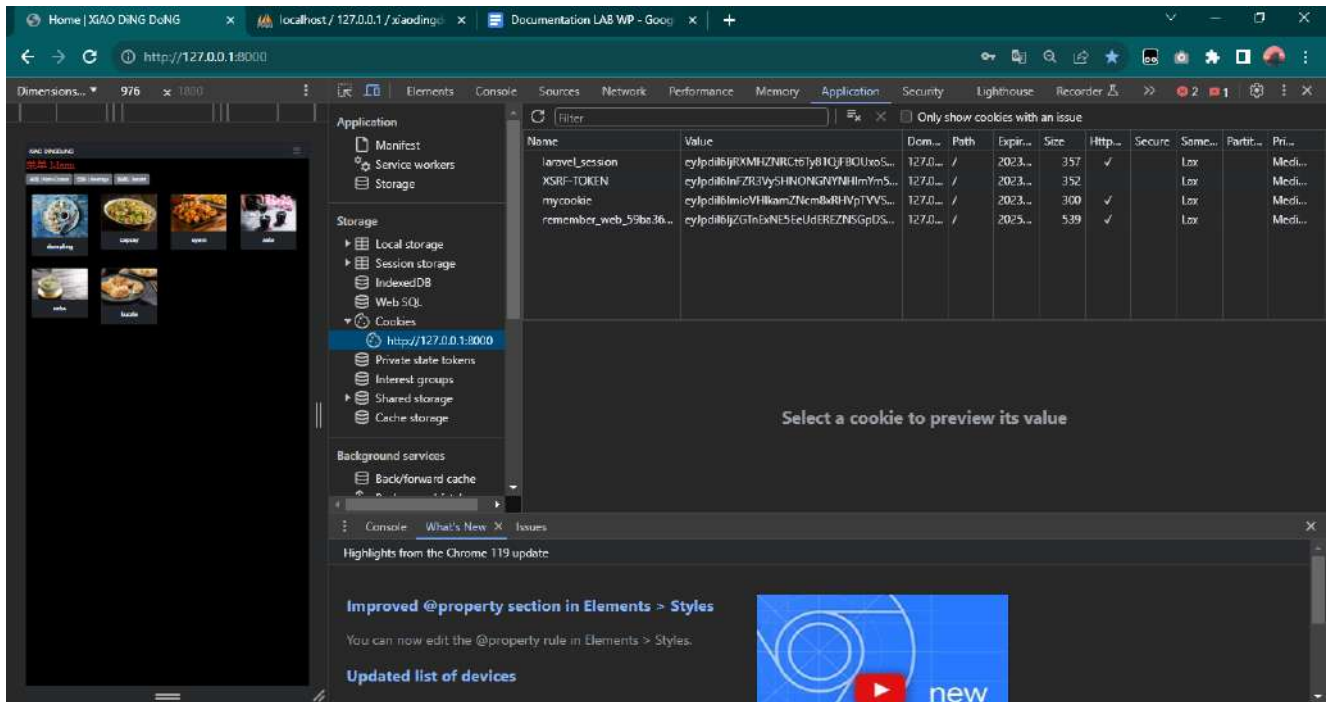
```
public function destroy($id)
150 {
151     $food = Food::find($id);
152
153     if (!$food) {
154         return redirect('/')->with('error', 'Food not found.');
```

```
if (!file_exists(public_path($food->food_image))) {
160     file::delete(public_path($food->food_image));
161 }
162
163 $food->delete();
164
165 return redirect('/search?')->with('alert', 'Food deleted successfully.');
```

```
166 }
167
168 }
169
170 }
171
172 }
173
174 }
```

```
DatabaseSeeders/CountrySeeder
DatabaseSeeders/CountrySeeder
PS D:\MULTIMEDIA\WEB PROGRAMMING\WebProgramming_LAB_Project_Final2>
```

8. Cookie



```
$credentials = [
    'email' => $request->email,
    'password'=> $request->password
];

if (Auth::attempt($credentials, true)) {
    if($request->remember){
        Cookie::queue('mycookie', $request->email, 300);
    }
    return redirect('/');
}

return redirect('login')->withErrors(['email'=>"Invalid credentials"]);
```

Cookie untuk save user cookie selama 5 jam.

9.

• Flow

1. Membuat View
2. Mengatur Routing
3. Membuat Model
4. Konfigurasi Database
5. Melakukan Migrasi Database

6. Seeding Database
7. Membuat Controller
8. Melakukan Autentikasi
9. Mengatur Authorization
10. Membuat Middleware
11. Setting Kernel

- **Reference**

- <https://getbootstrap.com/docs/4.0/getting-started/introduction/>
- <https://laravel.com/docs/9.x/readme>
- LINK / REFERENCES

- **Group Member**

- 2501972493 – Gaizkia Adeline Atmaka
- 2502003895 – Glory Daniella