POPULATING PAGES

PART 1: CREATE VIEWS USING BLADES TEMPLATES

- **Create controllers that load the dashboard, feed, or equivalent pages.**

```
C:\Users\user\Herd\lab5_controllers>php artisan make:controller DashboardController

  INFO  Controller [C:\Users\user\Herd\lab5_controllers\app\Http\Controllers\DashboardController.php] created successfully.
```

```
C:\Users\user\Herd\lab6_populatingpages>php artisan make:controller Menu2Controller

  INFO  Controller [C:\Users\user\Herd\lab6_populatingpages\app\Http\Controllers\Menu2Controller.php] created successfully.
```

EXPLANATION:

To create the DashboardController and Menu2Controller in Laravel, simply run these commands in the terminal. This controller is typically used to handle the logic for the dashboard and menu of our application.

- **Register controllers in routes to link methods to URLs.**

```php
routes > web.php > ...
  1    <?php
  2
  3    use Illuminate\Support\Facades\Route;
  4    use App\Http\Controllers\HomeController;
  5    use App\Http\Controllers\DashboardController;
  6    use App\Http\Controllers\Menu2Controller;
  7    use App\Http\Controllers\LoginController;
  8
  9    Route::get('/', [HomeController::class, 'index'])->name('home');
 10
 11    Route::middleware(['auth'])->group(function () {
 12        Route::get('/dashboard/{userId}', [DashboardController::class, 'index'])->name('dashboard');
 13    });
 14
 15    Route::get('/dashboard', [DashboardController::class, 'index'])->name('dashboard');
 16
 17    Route::get('/menu2', [Menu2Controller::class, 'index'])->name('menu2');
 18
```

EXPLANATION:

This code links URLs to specific controller methods. When a user visits the home page (/), it uses the HomeController and calls its index method to display the home page. Similarly, when a user visits /dashboard, it uses the DashboardController and calls its index method to display the dashboard. When a user visits /menu2, it uses the Menu2Controller and calls its index method to display the menu.

PART 2: CREATE CONTROLLERS THAT LOAD THE CONTENT FOR EACH PAGE (SIMULATE ACCESS TO A DB).

- **Load information such as posts, ratings, comments, pictures, etc. The information must be in the form of an array.**

DASHBOARD BLADE

```
2
3    @section('additional-styles')
4    <link rel="stylesheet" href="/assets/css/dashboard.css">
5    @endsection
6
7    @section('content')
8            <!--WELCOME SECTION-->
9            <section id="welcome-section">
10               <div class="welcome-container">
11                   <img src="/assets/images/welcome.jpg" alt="welcome image">
12                   <div class="text-container cute-font">
13                       <h2>{{ $welcomeSection['title'] }}</h2>
14                       <p>{{ $welcomeSection['subtitle'] }}</p>
15                       <br>
16                       <div class="search-container">
17                           <input type="text" placeholder="{{ $welcomeSection['searchPlaceholder'] }}" class="search-input">
18                           <button class="search-button">Search</button>
19                       </div>
20                   </div>
21               </div>
22           </section>
23       <!--END OF WELCOME SECTION-->
24
25       <!--SECTION OF GET TO KNOW PICKK-->
26           <section id="about-section">
27               <div class="about-container">
28                   <div class="about-text-container">
29                       <h2 style="color: #d13469;">{{ $aboutSection['title'] }}</h2>
30                       <p><b>PICKK Recipe</b> is a Filipino recipe sharing site where food lovers can post recipes from anywhere on the web. Us
31                       <p>{{ $aboutSection['cta'] }} <a href="{{ $aboutSection['linkUrl'] }}" class="see-more">{{ $aboutSection['linkText'] }}<
32                   </div>
33               </div>
34
37                   </div>
38               </section>
39       <!--END SECTION OF GET TO KNOW PICKK-->
40
41               <!--EXPLORE SECTION-->
42               <section id="latestPICKK-section">
43               <div class="latest-container">
44                   <div class="title">
45                       <h2>Latest PICKK Recipe</h2>
46                       <a href="/menu2" class="see-more">See more &gt;&gt;&gt;</a>
47                   </div>
48
49                   <div class="home-wrapper">
50                       @foreach ($latestRecipes as $recipe)
51                           <div class="home-card">
52                               <img src="/assets/images/{{ $recipe['image'] }}" alt="{{ $recipe['name'] }}">
53                               <div class="info">
54                                   <h3>{{ $recipe['name'] }}</h3>
55                               </div>
56                           </div>
57                       @endforeach
58                   </div>
59               </div>
60           </section>
61       <!--END OF EXPLORE SECTION-->
62
63       <!-- CELEBRATE PICKK SECTION -->
64           <section id="celebrate-section">
65               <div class="celebrate-container">
66                   <img src="/assets/images/{{ $celebrateSection['image'] }}" alt="{{ $celebrateSection['altText'] }} image">
67                   <div class="celeb-text-container">
68                       <h2>{{ $celebrateSection['title'] }}</h2>
69                       <p>{{ $celebrateSection['description'] }}</p>
70                       <a href="{{ $celebrateSection['link'] }}" class="button2">{{ $celebrateSection['buttonText'] }}</a>
71                   </div>
```

DASHBOARD CONTROLLER

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class DashboardController extends Controller
{
    public function index()
    {
        $latestRecipes = [
            [
                'name' => 'Adobo',
                'image' => 'adobo.jpg',
                'link' => '/menu2/adobo',
            ],
            [
                'name' => 'Caldereta',
                'image' => 'caldereta.jpg',
                'link' => '/menu2/caldereta',
            ],
            [
                'name' => 'Bicol Express',
                'image' => 'bicol-express.jpg',
                'link' => '/menu2/bicol-express',
            ],
            [
                'name' => 'Kare-kare',
                'image' => 'kare-kare.jpg',
                'link' => '/menu2/kare-kare',
            ],
        ];

        $welcomeSection = [
            'title' => 'Welcome to PICKK\'S Recipe',
            'subtitle' => 'What would you like to cook today?',
            'searchPlaceholder' => 'Search Recipe...',
        ];

        $aboutSection = [
            'title' => 'About PICKK Recipe!',
            'siteName' => 'PICKK Recipe',
            'content' => 'PICKK Recipe is a Filipino recipe sharing site where food lovers can post recipes from anywhere on the web.',
            'cta' => 'To save and',
            'linkText' => 'share content',
            'linkUrl' => '/my-recipe',
            'image' => 'filipino-foods.jpg',
            'altText' => 'Right Image',
        ];
        $celebrateSection = [
            'image' => 'celebrate.jpg',
            'altText' => 'celebrate',
            'title' => 'Welcoming PICKK Recipe!',
            'description' => 'Celebrate with us by throwing a fantastic party! Check out our article to explore recipes perfect for any occasion',
            'link' => '/menu2',
            'buttonText' => 'THROW A PARTY'
        ];

        $discoverSection = [
            'image' => 'discover.jpg',
            'altText' => 'discover',
            'title' => 'Discover Personalized Filipino Recipes with PICKK Recipe',
            'description' => 'NEW: Discover Trending Filipino Recipes!
Stay on top of the latest Filipino food trends with PICKK Recipe! Now, you can explore a curated collection of trending recipes, from modern twi
            'link' => '/menu2',
            'buttonText' => 'GET STARTED'
        ];

        $createRecipeSection = [
            'image' => 'create-recipe.jpg',
            'altText' => 'create-recipe',

        $discoverTrendingSection = [
            'image' => 'trending.jpg',
            'altText' => 'trending-recipes',
            'title' => 'NEW: Discover Trending Filipino Recipes!',
            'description' => 'Discover Personalized Filipino Recipes with PICKK Recipe
                            PICKK Recipe is cooking up something special! The platform learns your tastes, preferences, and cooking habits, of
                            PICKK Recipe suggests recipes tailored to your flavor profile. From comforting favorites to exciting culinary surp
            'link' => '/menu2',
            'buttonText' => 'CHECK OUT'
        ];

        $explorePickkSection = [
            'image' => 'explore.jpg',
            'altText' => 'explore-recipes',
            'title' => 'Explore all our Filipino Recipes',
            'description' => 'Discover all PICKK\'s Recipe has to offer, with over 500+ tested recipes all with innovative Guided Cooking functi
            'link' => '/menu2',
            'buttonText' => 'DISCOVER'
        ];

        return view('dashboard', compact(
            'latestRecipes',
            'celebrateSection',
            'discoverSection',
            'createRecipeSection',
            'discoverTrendingSection',
            'explorePickkSection',
            'welcomeSection',
            'aboutSection'
        ));
    }
}
```

MENU BLADE

```
8
9     <!--WELCOME SECTION-->
10    <section id="welcome-section">
11        <div class="welcome-container">
12            <img src="{{ $data['welcome']['image'] }}" alt ="welcome image">
13            <div class="text-container cute-font">
14                <h2>{{ $data['welcome']['title'] }}</h2>
15                <p>{{ $data['welcome']['subtitle'] }}</p>
16                <br>
17                <div class="search-container">
18                    <input type="text" placeholder="Search Recipe..." class="search-input">
19                    <button class="search-button">Search</button>
20                </div>
21            </div>
22        </div>
23    </section>
24
25    <br>
26    <section id="headline-section">
27        <h2>{{ $data['headline']['title'] }}</h2>
28        <p>{{ $data['headline']['description'] }}</p>
29    </section>
30    <!--END OF WELCOME SECTION-->
31
32    <br>
33
34    <!--FOOD CATEGORIES SECTION-->
35    <div class="food-categories">
36        @foreach($data['food_categories'] as $category => $info)
37            <div class="category" onclick="showFoods('{{ $category }}')">
38                <img src="{{ $info['image'] }}" alt="{{ $info['label'] }}">
39                <span>{{ $info['label'] }}</span>
40            </div>
```

MENU CONTROLLER

```
app > Http > Controllers > Menu2Controller.php > Menu2Controller > index
1    <?php
2    namespace App\Http\Controllers;
3
4    use Illuminate\Http\Request;
5
6
7    class Menu2Controller extends Controller
8    {
9        public function index()
10       {
11           // Simulated data for the menu
12           $data = [
13               'welcome' => [
14                   'image' => '/assets/images/welcome.jpg',
15                   'title' => 'MENU',
16                   'subtitle' => 'Your Go-To Platform for Tried-and-True Recipes',
17               ],
18               'headline' => [
19                   'title' => 'Top Notch Recipes',
20                   'description' => 'Savor the Flavors of the Philippines | One Dish, One Region, One Story at a Time.',
21               ],
22               'food_categories' => [
23                   'appetizers' => [
24                       'image' => '/assets/images/appetizers.jpg',
25                       'label' => 'Appetizers',
26                   ],
27                   'soups' => [
28                       'image' => '/assets/images/soups.jpg',
29                       'label' => 'Soups',
30                   ],
31                   'main-courses' => [
32                       'image' => '/assets/images/maincourses.jpg',
33                       'label' => 'Main Courses',
34                   ],
35                   'side-dishes' => [
36                       'image' => '/assets/images/sidedish.jpg',
37                       'label' => 'Side Dishes',
```

EXPLANATION:

In Part 2, we are tasked with creating controllers in Laravel that simulate loading content for a webpage, similar to accessing a database. Instead of using an actual database, we will use arrays to represent the data that would normally be fetched from a database. For example, in the menu application, we simulate loading data such as food categories, recipes, and images. Each category and recipe is stored in an array, with key-value pairs representing different attributes (like images, names, and descriptions).

Controllers are responsible for gathering this data and passing it to the views. In the example code, the controller Menu2Controller prepares the array with all the necessary information (like food categories and recipes) and sends it to the view using Laravel's compact() function. The view then uses Blade syntax to display the content dynamically, such as showing a list of food categories or recipes, without needing to interact with an actual database.

PART 3: EXPLANATION

- **Controller Logic**

  - *The Dashboard Controller retrieves and processes the data needed for the dashboard page, like user stats, recent activities, or updates. It gathers this information, processes it if necessary, and sends it to the view for display.*
  - *The Menu Controller handles the logic for displaying the menu page, such as the list of available options, categories, or content. It manages the data related to the menu and ensures it is presented properly to the user.*

- **Parameter Handling:**

  In both controllers, parameters can be used to customize the data. For example, a user might request a specific dashboard or menu item, and the controller will use parameters to fetch and display the correct data.

- **Route Assignments:**

  route assignments in both controllers map specific URLs to actions in the controller. When a user visits a URL, the route ensures the correct controller action is called to display the data needed

- **Others things you learned while making the laboratory 6.**

  While working with this, I learned how Laravel's controllers can simplify data management by organizing logic in a centralized place. I also learned how to simulate database interactions by using arrays, which is useful when a database isn't required for testing or prototyping. Additionally, integrating JavaScript with Blade templates to handle interactive elements like category filters (using parameters) adds a dynamic feel to the application without refreshing the page.