

Documentation: Robiel Prince Café Website using “Populating Pages”

1. Overview:

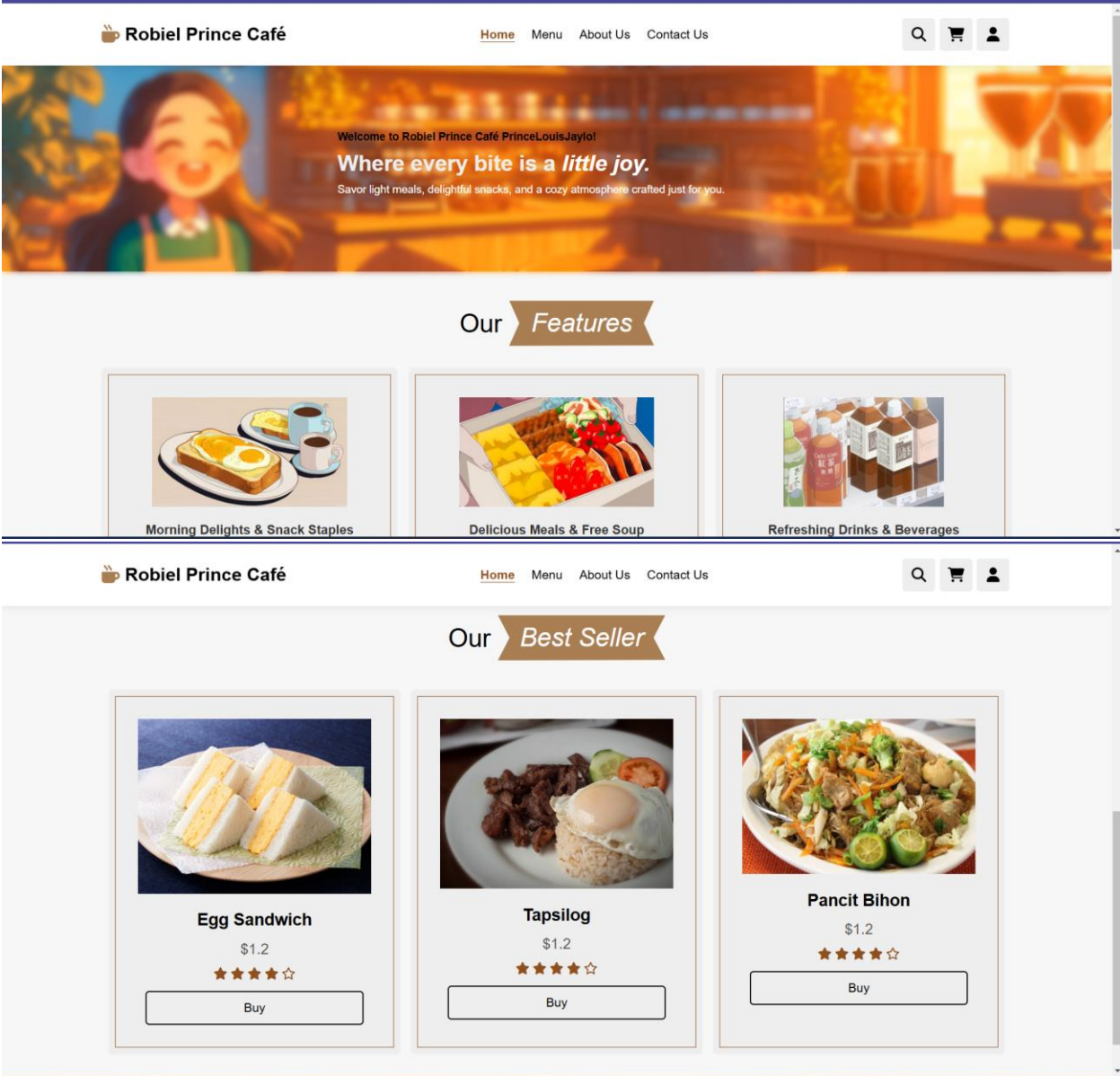
The Robiel Prince Café website simulates a dynamic café application built with Laravel. It features:

- A homepage showcasing the café’s highlights and best sellers.
- A menu page listing all available items with ratings, prices, and images.
- Dynamic routing to personalize the user experience (e.g., username in URL).

2. Rendered Web Pages:

A. Home Page

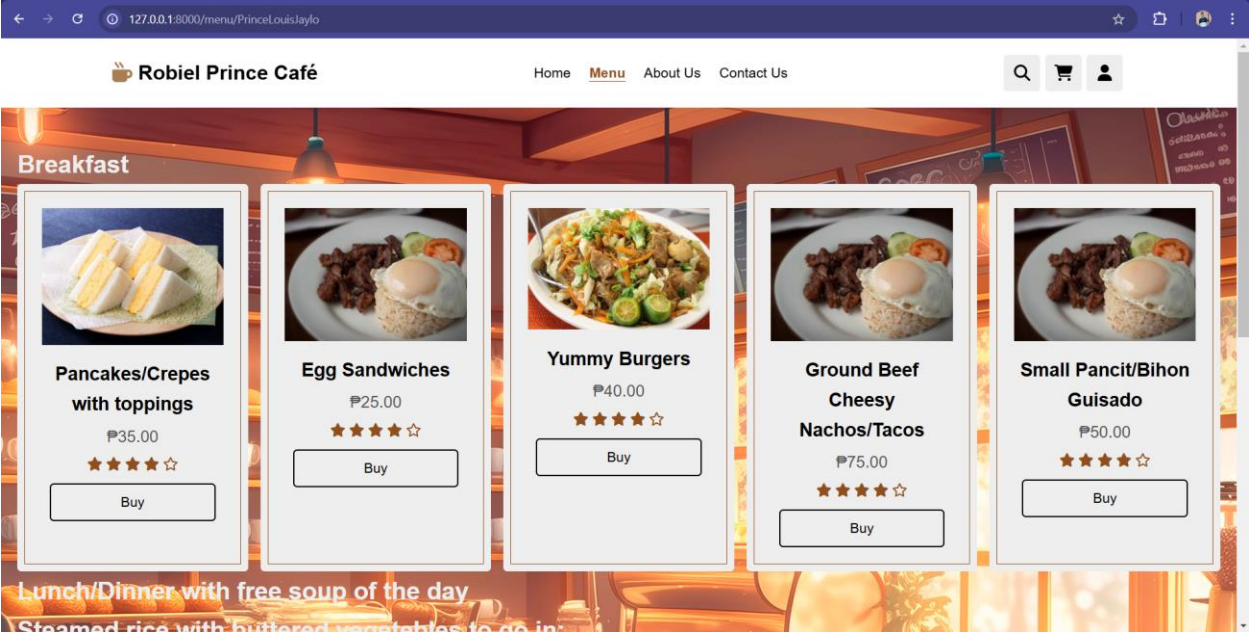
homepage.blade.php



The homepage greets the user by name for example my name PrinceLouisJaylo and highlights the café’s main features, including best sellers with dynamic data passed from the controller.

B. Menu Page

menupage.blade.php



The menu page displays a dynamically loaded list of food items. Each item shows an image, name, price, and rating, fetched via the controller.

3. Controllers:

A. HomePageController.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($username = 'Guest')
10     {
11         // Simulated "Best Sellers" data
12         $bestSellers = [
13             [
14                 'name' => 'Egg Sandwich',
15                 'price' => '$1.2',
16                 'image' => 'css/img1.jpg',
17                 'rating' => 4
18             ],
19             [
20                 'name' => 'Tapsilog',
21                 'price' => '$1.2',
22                 'image' => 'css/img2.jpg',
23                 'rating' => 4
24             ],
25             [
26                 'name' => 'Pancit Bihon',
27                 'price' => '$1.2',
28                 'image' => 'css/img3.jpg',
29                 'rating' => 4
30             ]
31         ];
32
33         // Pass data to the view
34         return view('homepage', ['username' => $username, 'bestSellers' => $bestSellers]);
35     }
36 }
```

Logic Explanation:

- ❖ Simulates fetching "Best Seller" items from a database as an array.
- ❖ Uses \$username parameter to personalize the user experience.
- ❖ Passes the bestSellers data and username to the Blade view.

B. MenuController.php

homepage.blade.php menu.blade.php X HomeController.php MenuController.php X v

app > Http > Controllers > MenuController.php

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class MenuController extends Controller
8 {
9     public function index($username)
10     {
11         // Simulated menu data
12         $menuItems = [
13             [
14                 'name' => 'Pancakes/Crepes with toppings',
15                 'price' => '₱35.00',
16                 'image' => 'css/img1.jpg',
17                 'rating' => 4
18             ],
19             [
20                 'name' => 'Egg Sandwiches',
21                 'price' => '₱25.00',
22                 'image' => 'css/img2.jpg',
23                 'rating' => 4
24             ],
25             [
26                 'name' => 'Yummy Burgers',
27                 'price' => '₱40.00',
28                 'image' => 'css/img3.jpg',
29                 'rating' => 4
30             ],
31             [
32                 'name' => 'Ground Beef Cheesy Nachos/Tacos',
33                 'price' => '₱75.00',
34                 'image' => 'css/img2.jpg',
35                 'rating' => 4
36             ],
37             [
25             [
26                 'name' => 'Yummy Burgers',
27                 'price' => '₱40.00',
28                 'image' => 'css/img3.jpg',
29                 'rating' => 4
30             ],
31             [
32                 'name' => 'Ground Beef Cheesy Nachos/Tacos',
33                 'price' => '₱75.00',
34                 'image' => 'css/img2.jpg',
35                 'rating' => 4
36             ],
37             [
38                 'name' => 'Small Pancit/Bihon Guisado',
39                 'price' => '₱50.00',
40                 'image' => 'css/img2.jpg',
41                 'rating' => 4
42             ],
43         ];
44
45         // Pass data to the view
46         return view('menu', ['username' => $username, 'menuItems' => $menuItems]);
47     }
48 }
```

Logic Explanation:

- ❖ Simulates fetching menu data as an array.
- ❖ Passes the menuItems array and \$username parameter to the Blade view.

4. Routes:

```
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Middleware\LogRequests;
5  use App\Http\Middleware\CheckAge;
6  use App\Http\Controllers\HomeController;
7  use App\Http\Controllers>AboutUsController;
8  use App\Http\Controllers\MenuController;
9  use App\Http\Controllers>ContactUsController;
10 use App\Http\Controllers\LoginController;
11 use App\Http\Controllers\RestrictedAreaController;
12
13 // Homepage, About Us, Menu, Contact Us routes with dynamic username
Route::get('/homepage/{username}', [HomeController::class, 'index'])->name('homepage');
Route::get('/aboutus/{username}', [AboutUsController::class, 'index'])->name('aboutus');
Route::get('/menu/{username}', [MenuController::class, 'index'])->name('menu');
Route::get('/contactus/{username}', [ContactUsController::class, 'index'])->name('contactus');
```

Explanation:

- ❖ Both routes use dynamic URL parameters ({username}) to pass the username to the controllers.
- ❖ The controllers handle these parameters and pass them to the corresponding Blade views.

5. Blade Templates:

A. homepage.blade.php

```
resources > views > homepage.blade.php > ...
1  @extends('Components.Layout')
2
3  @section('title', 'Home Page')
4
5  @section('content')
6      <section class="hero">
7          <div class="home-bg-blur"></div>
8          <div class="home-content">
9              <h1>Welcome to Robiel Prince Café {{ $username }}!</h1>
10             <h2>Where every bite is a <span>little joy.</span></h2>
11             <p>Savor light meals, delightful snacks, and a cozy atmosphere crafted just for you.</p>
12         </div>
13     </section>
14
15     <section class="home-heading">
16         <div class="heading">Our <span>Features</span></div>
17         <div class="feature">
18             <div class="feature-box">
19                 
20                 <h3>Morning Delights & Snack Staples</h3>
21                 <p>Start your day with our comforting breakfast classics or enjoy a quick snack.</p>
22             </div>
23             <div class="feature-box">
24                 
25                 <h3>Delicious Meals & Free Soup</h3>
26                 <p>Enjoy our fresh, flavorful lunch and dinner options with complimentary soup.</p>
27             </div>
28             <div class="feature-box">
29                 
30                 <h3>Refreshing Drinks & Beverages</h3>
31                 <p>From energizing coffees to refreshing smoothies, we've got something for you.</p>
32             </div>
33         </div>
34     </section>
35
36     <section class="best-seller">
37         <div class="heading">Our <span>Best Seller</span></div>
38         <div class="seller-box">
39             <div class="first-section">
40                 @foreach($bestSellers as $item)
41                     <div class="firstsection-box">
42                         
43                         <h3>{{ $item['name'] }}</h3>
44                         <div class="price">{{ $item['price'] }}</div>
45                         <div class="stars">
46                             @for($i = 0; $i < 5; $i++)
47                                 @if($i < $item['rating'])
48                                     <i class="fa-solid fa-star"></i>
49                                 @else
50                                     <i class="fa-regular fa-star"></i>
51                                 @endif
52                             @endfor
53                         </div>
54                         <a href="#" class="check-btn">Buy</a>
55                     </div>
56                 @endforeach
57             </div>
58         </div>
59     </section>
60 @endsection
```

Description:

- ❖ Loops through the menuItems array passed from the MenuController.
- ❖ Dynamically renders menu items with personalized content.

B. menu.blade.php

```
resources > views > menu.blade.php > ...
1  @extends('Components.Layout')
2
3  @section('title', 'Menu')
4
5  @section('content')
6      <main class="content-main">
7          <section class="menu">
8              <div class="menu-box">
9                  <div class="bfast">Breakfast</div>
10                 <div class="menu-a">
11                     @foreach($menuItems as $item)
12                         <div class="a-box">
13                             
14                             <h3>{{ $item['name'] }}</h3>
15                             <div class="price">{{ $item['price'] }}</div>
16                             <div class="stars">
17                                 @for($i = 0; $i < 5; $i++)
18                                     @if($i < $item['rating'])
19                                         <i class="fa-solid fa-star"></i>
20                                     @else
21                                         <i class="fa-regular fa-star"></i>
22                                     @endif
23                                 @endfor
24                             </div>
25                             <a href="#" class="check-btn">Buy</a>
26                         </div>
27                     @endforeach
28                 </div>
29                 <div class="bfast">Lunch/Dinner with free soup of the day</div>
30                 <div class="bfast">Steamed rice with buttered vegetables to go in:</div>
31                 <div class="menu-a">
32                     @foreach($menuItems as $item)
33                         <div class="a-box">
34                             
35                             <h3>{{ $item['name'] }}</h3>
36                             <div class="price">{{ $item['price'] }}</div>
37                             <div class="stars">
38                                 @for($i = 0; $i < 5; $i++)
39                                     @if($i < $item['rating'])
40                                         <i class="fa-solid fa-star"></i>
41                                     @else
42                                         <i class="fa-regular fa-star"></i>
43                                     @endif
44                                 @endfor
45                             </div>
46                             <a href="#" class="check-btn">Buy</a>
47                         </div>
48                     @endforeach
49                 </div>
50             </div>
51         </section>
52     </main>
53 @endsection
```

Description:

- ❖ Loops through the menuItems array passed from the MenuController.
- ❖ Dynamically renders menu items with personalized content.

6. Things I have learned in this activity:

1. **Dynamic Routing:** Using parameters in routes enables personalized content delivery.
2. **Blade Templates:** Simplifies dynamic rendering of data using loops and conditionals.
3. **Simulated Database Access:** Data arrays effectively replicate database content during development.
4. **Reusability:** Laravel controllers and views facilitate modular development, making the code reusable.