

Documentation (Individual) Lab – 3 (Layout)

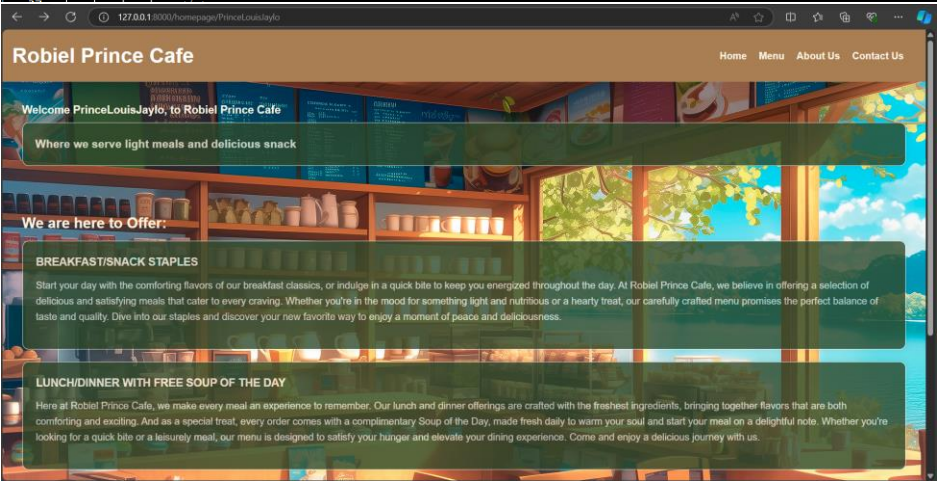
Take screenshots of your Blade template files, routing configuration, and the rendered web pages.

layout.blade.php

```
10 <body>
11     <header class="site-header">
12         <nav class="nav">
13             <div class= "logo">
14                 <h3>Robiel Prince Cafe</h3>
15             </div>
16             <b>
17                 <ul class="nav-list">
18                     <li class="nav-item"><a href="{{ route('homepage', ['username' => $username]) }}">Home</a></li>
19                     <li class="nav-item"><a href="{{ route('menu', ['username' => $username]) }}">Menu</a></li>
20                     <li class="nav-item"><a href="{{ route('aboutus', ['username' => $username]) }}">About Us</a></li>
21                     <li class="nav-item"><a href="{{ route('contactus', ['username' => $username]) }}">Contact Us</a></li>
22                 </ul>
23             </b>
24         </nav>
25     </header>
26
27     <main>
28         <!-- This is where the content of the child views will be displayed -->
29         @yield('content') <!--call the webpages to display its content-->
30     </main>
31
32     <!-- Add your footer here if needed -->
33     <footer class="site-footer">
34         <b>
35             <p>&copy; 2024 Robiel Prince Cafe. All Rights Reserved.</p>
36             <ul class="social-links">
37                 <li><a href="https://www.facebook.com/princelouis.jaylo.1">Facebook</a></li>
38                 <li><a href="https://www.instagram.com/genkeiyoshi/">Instagram</a></li>
39                 <li><a href="https://x.com/LouisJaylo">Twitter</a></li>
40             </ul>
41         </b>
42     </footer>
43
44 </body>
```

homepage.blade.php

```
1 <!-- resources/views/homepage.blade.php -->
2 @extends('Components.Layout')
3
4 @section('title', 'Home Page')
5
6 @section('content')
7     <main class="home-main">
8         <div class="home-bg-blur"></div>
9         <section class="hero">
10             <h2>Welcome {{ $username }}, to Robiel Prince Cafe</h2>
11             <div class="open-message">
12                 <h3>Where we serve light meals and delicious snack</h3>
13             </div>
14         </section>
15         <section class="features">
16             <h2>We are here to Offer:</h2>
17             <div class="feature">
18                 <i class="fas fa-coffee"></i>
19                 <h3>BREAKFAST/SNACK STAPLES</h3>
20                 <p>
21                     Start your day with the comforting flavors of our breakfast classics, or indulge in a quick bite to keep you energized
22                     throughout the day. At Robiel Prince Cafe, we believe in offering a selection of delicious and satisfying meals that
23                     cater to every craving. Whether you're in the mood for something light and nutritious or a hearty treat, our carefully
24                     crafted menu promises the perfect balance of taste and quality. Dive into our staples and discover your new favorite way
25                     to enjoy a moment of peace and deliciousness.
26                 </p>
27             </div>
28             <div class="feature">
29                 <i class="fas fa-pizza-slice"></i>
30                 <h3>LUNCH/DINNER WITH FREE SOUP OF THE DAY</h3>
31                 <p>
32                     Here at Robiel Prince Cafe, we make every meal an experience to remember. Our lunch and dinner offerings are crafted with the
33                     freshest ingredients, bringing together flavors that are both comforting and exciting. And as a special treat, every order
34                     comes with a complimentary Soup of the Day, made fresh daily to warm your soul and start your meal on a delightful note.
35                     Whether you're looking for a quick bite or a leisurely meal, our menu is designed to satisfy your hunger and elevate your
36                     dining experience. Come and enjoy a delicious journey with us.
37                 </p>
38             </div>
39         </section>
40     </main>
41 @endsection
```



menu.blade.php

```
1 <!-- resources/views/menu.blade.php -->
2 @extends('Components.Layout', ['username' => $username])
3
4 @section('title', 'Menu')
5
6 @section('content')
7     <main class="content-main">
8         <section class="menu-section">
9             <h2>Cafe Menu</h2>
10        </section>
11
12        <!-- Container for the table -->
13        <div class="table-container">
14            <table border="1" cellpadding="10" cellspacing="0">
15                <thead>
16                    <tr>
17                        <th>Course</th>
18                        <th>Foods</th>
19                        <th>Price</th>
20                    </tr>
21                </thead>
22                <tbody>
```

Robiel Prince Cafe

HomeMenuAbout UsContact Us

Cafe Menu

Course	Foods	Price
BREAKFAST/SNACK STAPLES	Pancakes/Crepes with toppings	P35.00
	Egg Sandwiches	P25.00
	Yummy Burgers	P40.00
	Ground Beef Cheesy Tacos	P75.00
	Small Pansit/Bihon Guisado	P50.00
LUNCH/DINNER	Longganisa with steamed rice & buttered vegetables	P60.00
	Embutido with steamed rice & buttered vegetables	P80.00
	Chicken Cordon Bleu with steamed rice & buttered vegetables	P80.00
	Burger Steaks with steamed rice & buttered vegetables	P70.00
	Hot Coffee	P20.00

aboutus.blade.php

```
1 <!-- resources/views/aboutus.blade.php -->
2 @extends('Components.Layout')
3
4
5 @section('title', 'About Us')
6
7 @section('content')
8     <main class="about-main">
9         <section class="intro-section">
10             <h1>About Robiel Prince Cafe</h1>
11        </section>
12
13        <section class="about-section">
14            <div class="about-content">
15                <div class="text-container">
16                    <h2>Introduction</h2>
17                    <p>
18                        Located in Centro, Guinobatan, Albay Robiel Prince Cafe is a small cafe serving light meals and snacks.
19                        It is managed by the owners, the <b><u>Jaylo Family</u></b>: <b><u>Rob</u></b>erto, <b><u>ciel</u></b>o,
20                        <b><u>Prince</u></b> Louis where that name of the cafe was taken from.
21                    </p>
22                </div>
23            </div>
24        </section>
25    </main>
26</section>
```

Robiel Prince Cafe

HomeMenuAbout UsContact Us

About Robiel Prince Cafe

Introduction

Located in Centro, Guinobatan, Albay Robiel Prince Cafe is a small cafe serving light meals and snacks. It is managed by the owners, the **Jaylo Family**: **Roberto**, **Cielo**, **Prince Louis** where that name of the cafe was taken from.

Product Services

Robiel Prince Cafe will be open from 7:00 a.m to 10:00 p.m. It will cater snacks and serve light meals through **Breakfast** and **Lunch** hours, occasionally staying open for Dinner, for dine in customers and also for takeouts.

Our Values

- Quality: We use only the finest ingredients.
- Community: We aim to be a hub for the local community.

contactus.blade.php

resources > views > contactus.blade.php > ...

1<!-- resources/views/contactus.blade.php -->

2@extends('Components.Layout')

3

4

5@section('title', 'Contact Us')

6

7@section('content')

8<main class="site-main">

9<form action="/welcome" method="POST" onsubmit="showConfirmation(event)">

10@csrf

11<h1>CONTACT US</h1>

12<input type="text" id="name" placeholder="Your name" required>

13<input type="email" id="email" placeholder="Email Address" required>

14<textarea id="message" cols="30" rows="10" placeholder="Write your message here" required></textarea>

15<input type="submit" value="Send Message" class="send-btn">

16</form>

17</main>

18

19<!-- Modal Popup -->

20<div id="confirmationModal" class="modal">

21<div class="modal-content">

22×

23<p>Your message has been sent! Thank you!</p>

24</div>

25</div>

26@endsection

127.0.0.1:8000/contactus/PrinceLouisJaylo

Home Menu About Us Contact Us

Robiel Prince Cafe

CONTACT US

Your name

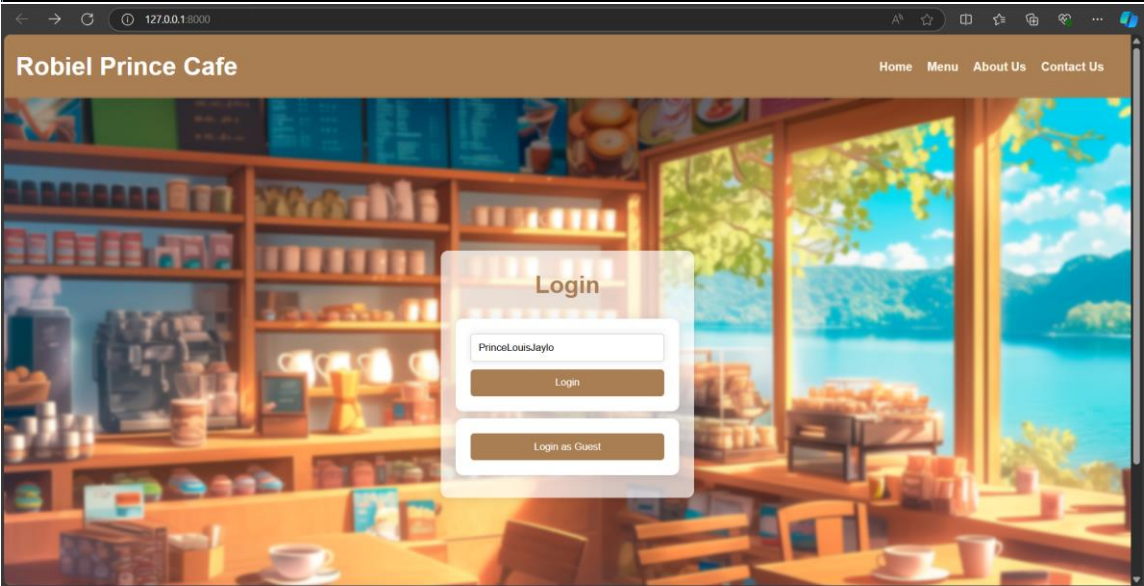
Email Address

Write your message here

Send Message

goTologin.blade.php

```
1 <!-- resources/views/gotologin.blade.php -->
2 @extends('Components.Layout')
3
4 @section('title', 'Log in')
5
6 @section('content')
7     <main class="login-main">
8         <div class="background-blur"></div>
9         <div class="login-container">
10             <h1>Login</h1>
11
12             <!-- for log in form -->
13             <form action="/homepage" method="POST">
14                 @csrf
15                 <input type="text" name="username" placeholder="Enter your name" value="{{ old('username') }}" required>
16
17                 <!-- Display validation errors for the username -->
18                 @if ($errors->has('username'))
19                     <div class="error-message">
20                         | {{ $errors->first('username') }}
21                     </div>
22                 @endif
23
24                 <button type="submit">Login</button>
25             </form>
26
27             <!-- Second Form for Guest Login -->
28             <form action="/homepage" method="POST">
29                 @csrf
30                 <input type="hidden" name="username" value="Guest">
31                 <button type="submit">Login as Guest</button>
32             </form>
33         </div>
34     </main>
35 @endsection
```



web.php

```
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4
5 //route for the login page at the root URL "/"
6 Route::get('/', function () {
7     return view('gotologin', ['username' => 'Guest']);
8 }->name('gotologin');
9
10
11 //route for the welcome page with dynamic username, and view the welcome message with username
12 Route::get('/homepage/{username}', function ($username) {
13     return view('homepage', ['username' => $username]);
14 }->name('homepage');
15
16 //route for the about page with dynamic username
17 Route::get('/aboutus/{username}', function ($username) {
18     return view('aboutus', ['username' => $username]);
19 }->name('aboutus');
20
21 //route for the content page with dynamic username
22 Route::get('/menu/{username}', function ($username) {
23     return view('menu', ['username' => $username]);
24 }->name('menu');
25
26 //route for the contact page with dynamic username
27 Route::get('/contactus/{username}', function ($username) {
28     return view('contactus', ['username' => $username]);
29 }->name('contactus');
30
31 //handles the log in form and username validation
32 Route::post('/homepage', function (\Illuminate\Http\Request $request) {
33     // Validate that the username only contains alphabetic characters (a-z, A-Z)
34     $request->validate([
35         'username' => 'required|alpha'
36     ], [
37         'username.alpha' => 'The username should only contain alphabetic characters.',
38         'username.required' => 'The username field is required.'
39     ]);
40
41     $username = $request->input('username', 'Guest');
42     return redirect("/homepage/$username");
43 });
```

Explanations: Write a detailed explanation of your work, including:

❖ The purpose of the layout file and how it is used.

```
10 <body>
11   <header class="site-header">
12     <nav class="nav">
13       <div class= "logo">
14         <h3>Robiel Prince Cafe</h3>
15       </div>
16       <b>
17         <ul class="nav-list">
18           <li class="nav-item"><a href="{{ route('homepage', ['username' => $username]) }}">Home</a></li>
19           <li class="nav-item"><a href="{{ route('menu', ['username' => $username]) }}">Menu</a></li>
20           <li class="nav-item"><a href="{{ route('aboutus', ['username' => $username]) }}">About Us</a></li>
21           <li class="nav-item"><a href="{{ route('contactus', ['username' => $username]) }}">Contact Us</a></li>
22         </ul>
23       </b>
24     </nav>
25   </header>
26
27   <main>
28     <!-- This is where the content of the child views will be displayed -->
29     @yield('content') <!--call the webpages to display its content-->
30   </main>
31
32   <!-- Add your footer here if needed -->
33   <footer class="site-footer">
34     <b>
35       <p>&copy; 2024 Robiel Prince Cafe. All Rights Reserved.</p>
36       <ul class="social-links">
37         <li><a href="https://www.facebook.com/princelouis.jaylo.1">Facebook</a></li>
38         <li><a href="https://www.instagram.com/genkeiyoshi/">Instagram</a></li>
39         <li><a href="https://x.com/LouisJaylo">Twitter</a></li>
40       </ul>
41     </b>
42   </footer>
43
44 </body>
```

The purpose of the layout file, **Layout.blade.php**, serves as the template for all views of the the webpage. It defines the overall structure and design of each web pages, including the header, footer, and navigation. The layout file is used to provide a consistent look and feel across all pages, making it easier to maintain and update the webpage.

❖ How each view file extends the layout and inserts specific content.

Each view files, such as the **homepage.blade.php**, **menu.blade.php**, **aboutus.blade.php**, **contactus.blade.php**, and **goTologin.blade.php**, extends the layout file by using the **@extends** directive. This will allow the view files to inherit the structure and design defined in the **layout.blade.php**. The view file then inserts specific content into the layout by using the **@section** and **@yield** directives.

```
27 <main>
28   <!-- This is where the content of the child views will be displayed -->
29   @yield('content') <!--call the webpages to display its content-->
30 </main>
```

For example, in the **homepage.blade.php** file:
In the **homepage.blade.php** file we can see that it extends the **layout.blade.php** layout file and defines a content section. The content section is then yielded in the layout file using the **@yield** directive.

```
1 <!-- resources/views/contactus.blade.php -->
2 @extends('Components.Layout')
3
4
5 @section('title', 'Contact Us')
6
7 @section('content')
8   <main class="site-main">
9     <form action="/welcome" method="POST" onsubmit="showConfirmation(event)">
10       @csrf
11       <h1>CONTACT US</h1>
12       <input type="text" id="name" placeholder="Your name" required>
13       <input type="email" id="email" placeholder="Email Address" required>
14       <textarea id="message" cols="30" rows="10" placeholder="Write your message here" required></textarea>
15       <input type="submit" value="Send Message" class="send-btn">
16     </form>
17   </main>
18
19   <!-- Modal Popup -->
20   <div id="confirmationModal" class="modal">
21     <div class="modal-content">
22       <span class="close-btn" onclick="closeModal()">&times;</span>
23       <p>Your message has been sent! Thank you!</p>
24     </div>
25   </div>
26 @endsection
```

❖ **The routing [setup](#) and how it serves the views.**

The routing setup is defined in the **web.php** file, which maps URLs to specific controller actions or closures. In this case, the routing setup consists of five routes: **goTologin**, **homepage**, **aboutus**, **menu**, and **contactus**.

Route for the Login Page (goTologin):

This route maps the root URL (/) to a closure that returns the **goTologin** view with a default **username** parameter set to 'Guest'.

```
5 //route for the login page at the root URL "/"
6 Route::get('/', function () {
7     return view('goTologin', ['username' => 'Guest']);
8 }->name('goTologin');
```

Views routes with Dynamic Username:

The four routes that are defined with the dynamic usernames, routes map URLs with a dynamic **username** parameter to closures that return the corresponding views

(**homepage**, **aboutus**, **menu**, and **contactus**) with the **username** parameter passed as a variable.

```
11 //route for the welcome page with dynamic username, and view the welcome message with username
12 Route::get('/homepage/{username}', function ($username) {
13     return view('homepage', ['username' => $username]);
14 }->name('homepage');
15
16 //route for the about page with dynamic username
17 Route::get('/aboutus/{username}', function ($username) {
18     return view('aboutus', ['username' => $username]);
19 }->name('aboutus');
20
21 //route for the content page with dynamic username
22 Route::get('/menu/{username}', function ($username) {
23     return view('menu', ['username' => $username]);
24 }->name('menu');
25
26 //route for the contact page with dynamic username
27 Route::get('/contactus/{username}', function ($username) {
28     return view('contactus', ['username' => $username]);
29 }->name('contactus');
```

Login Form and Username Validation:

The route of the Login form handles the login form submission and validates the **username** input using the **validate** method. If the validation passes, it redirects the user to the **homepage** route with the validated **username** parameter.

```
31 //handles the log in form and username validation
32 Route::post('/homepage', function (\Illuminate\Http\Request $request) {
33     // Validate that the username only contains alphabetic characters (a-z, A-Z)
34     $request->validate([
35         'username' => 'required|alpha'
36     ], [
37         'username.alpha' => 'The username should only contain alphabetic characters.',
38         'username.required' => 'The username field is required.'
39     ]);
40
41     $username = $request->input('username', 'Guest');
42     return redirect("/homepage/$username");
43 });
```

❖ **Explain any challenges you faced and how you resolved them.**

The challenge that I faced was not knowing where to draw the line between `{{ $slot }}` and `@yield`. At first, I attempted to utilize `{{ $slot }}` to render content in the layout file, but this caused some problems at the start. I also found out that after carrying out research and some tests that when yielding content in any layout file, the correct directive to use is `@yield`.

❖ **Explore the difference between `{{ $slot }}` and `@yield`.**

The difference between `{{ $slot }}` and `@yield` is that `{{ $slot }}` is a variable that is used to display the content of a section in a view file. It is not used to yield content in a layout file. While `@yield`, on the other hand, is a directive that is used to yield content in a layout file. It is used to define a section in the layout file that can be overridden by a view file.