

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

## BLADE FILES

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

### Layout.blade.php

This Layout.blade.php file is a blade layout template that serves as the foundation for multiple web pages in Laravel application. It defines a common structure that all child views can extend and fill with specific content. It is used to avoid duplicating the same code (like the **header**, **footer**, **navigation bar**, or **styles**) in every view file. This helps maintain consistency across the site while allowing child views to insert their unique content into the layout.

```
Layout.blade.php U
GB > resources > views > Components > Layout.blade.php
1 <!-- resources/views/Components/Layout.blade.php -->
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>My Website - @yield('title')</title>
8     <link rel="stylesheet" href="{{ asset('css/style.css') }}">
9 </head>
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>
```

### Header Section

Contains the café's logo and a navigation bar with links to various sections of the site (**Home**, **Menu**, **About Us**, **Contact Us**). These links are dynamically generated using the route() function with the username parameter passed in, making the URLs personalized for each logged-in user.

```
<header class="site-header">
    <nav class="nav">
        <div class="logo">
            <h3>Robiel Prince Cafe</h3>
        </div>
        <b>
            <ul class="nav-list">
                <li class="nav-item"><a href="{{ route('homepage', ['username' => $username]) }}">Home</a></li>
                <li class="nav-item"><a href="{{ route('menu', ['username' => $username]) }}">Menu</a></li>
                <li class="nav-item"><a href="{{ route('aboutus', ['username' => $username]) }}">About Us</a></li>
                <li class="nav-item"><a href="{{ route('contactus', ['username' => $username]) }}">Contact Us</a></li>
            </ul>
        </b>
    </nav>
</header>
```

## Footer Section

Provides information like copyright text and social media links. This is static content that will appear at the bottom of every page that extends this layout.

```
<!-- Add your footer here if needed -->
<footer class="site-footer">
    <b>
        <p>&copy; 2024 Robiel Prince Cafe. All Rights Reserved.</p>
        <ul class="social-links">
            <li><a href="https://www.facebook.com/princelouis.jaylo.1">Facebook</a></li>
            <li><a href="https://www.instagram.com/genkeiyoshi/">Instagram</a></li>
            <li><a href="https://x.com/LouisJaylo">Twitter</a></li>
        </ul>
    </b>
</footer>
```

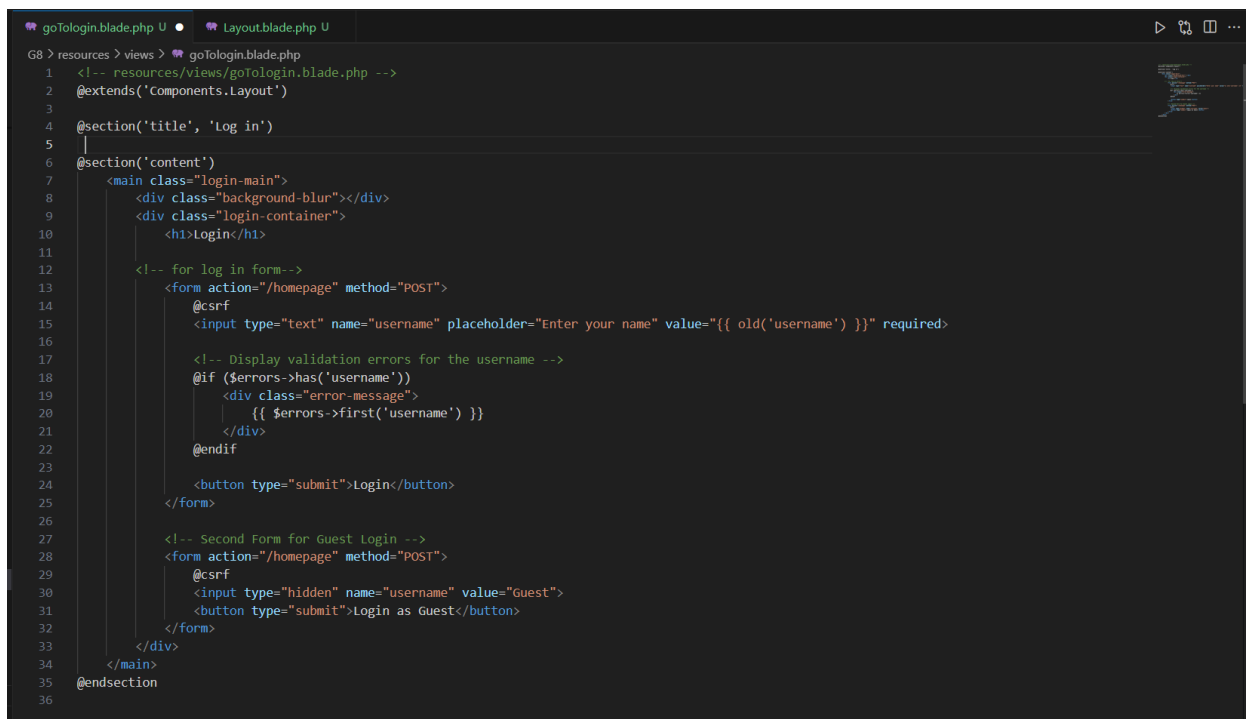
## Content Insertion

The purpose of this code is to define a placeholder in the layout where **child views** can insert their specific content. In Blade, `@yield('content')` acts as a placeholder for content that will be provided by the child view.

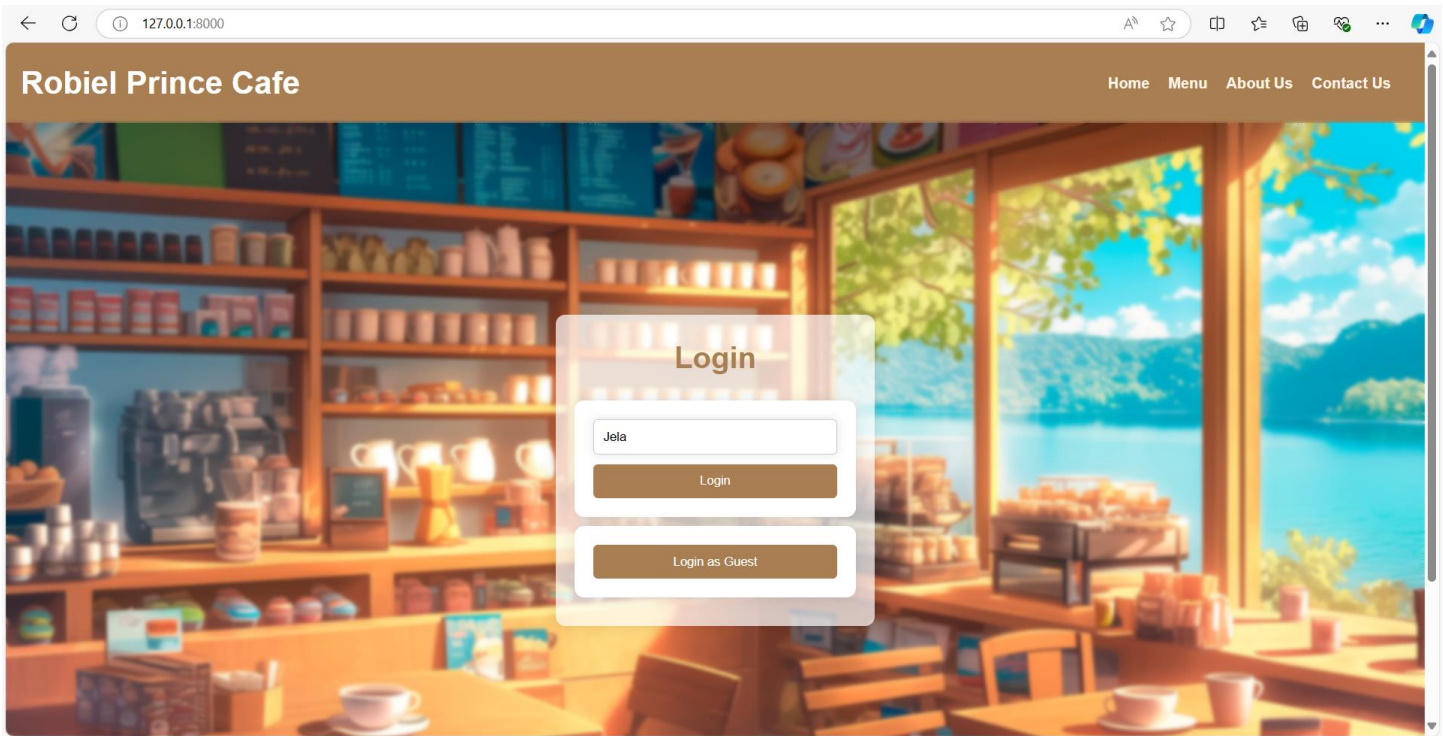
```
<main>
    <!-- This is where the content of the child views will be displayed -->
    @yield('content') <!--call the webpages to display its content-->
</main>
```

The following images are the blade files and the rendered web pages:

### goTologin.blade.php



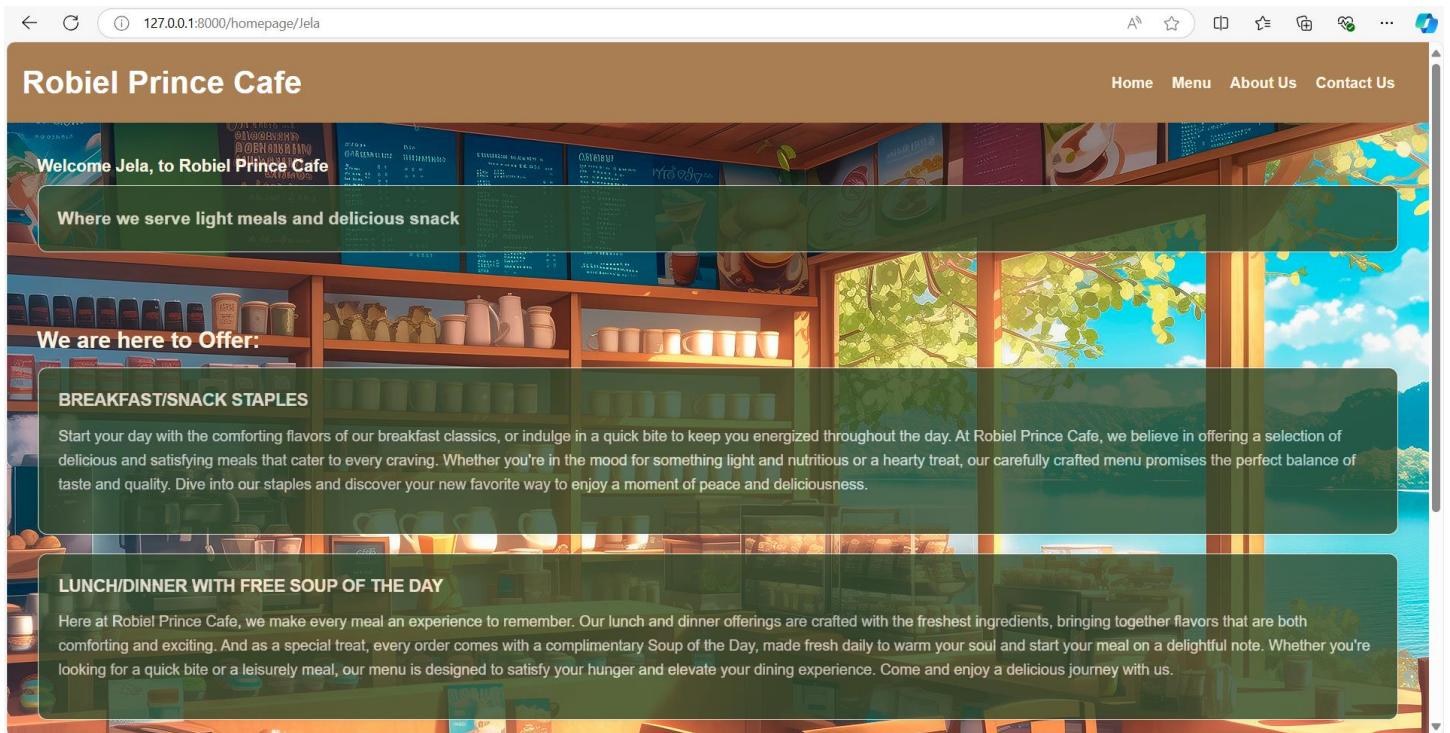
```
goTologin.blade.php U  Layout.blade.php U
G8 > resources > views > goTologin.blade.php
1 <!-- resources/views/goTologin.blade.php -->
2 @extends('Components.Layout')
3
4 @section('title', 'Log in')
5
6 @section('content')
7     <main class="login-main">
8         <div class="background-blur"></div>
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
36
```



## homepage.blade.php

```
homepage.blade.php U x goTologin.blade.php U Layout.blade.php U
G8 > resources > views > 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 |</section>
```

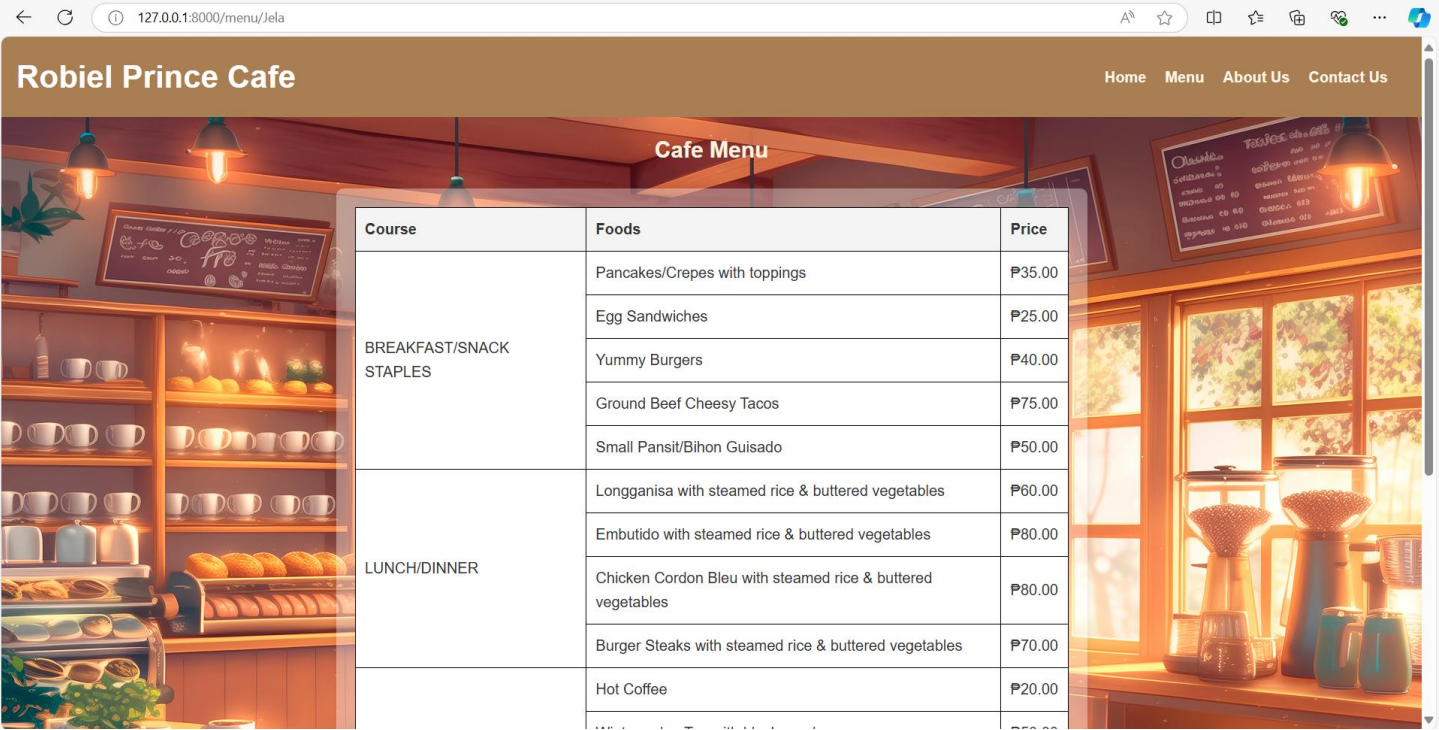
```
homepage.blade.php x goTologin.blade.php Layout.blade.php U
G8 > resources > views > homepage.blade.php
6 @section('content')
7     <main class="home-main">
15         <section class="features">
17             <div class="feature">
20                 <p>
22                     throughout the day. 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             <div class="feature">
40                 <i class="fas fa-wifi"></i>
41                 <h3>DRINKS/BEVERAGES</h3>
42                 <p>
43                     Here at Robiel Prince Cafe, our beverage menu is crafted to complement every meal and enhance your visit. From invigorating
44                     coffees and teas to refreshing smoothies and indulgent shakes, we offer a diverse selection of drinks designed to suit every
45                     taste and occasion. Whether you're seeking a revitalizing start to your day, a mid-afternoon pick-me-up, or a perfect pairing
46                     for your meal, our carefully curated beverages provide the ideal balance of flavor and refreshment. Explore our drink menu and
47                     find your favorite way to unwind and savor each moment.
48                 </p>
49             </div>
50         </section>
51     </main>
52 @endsection
```

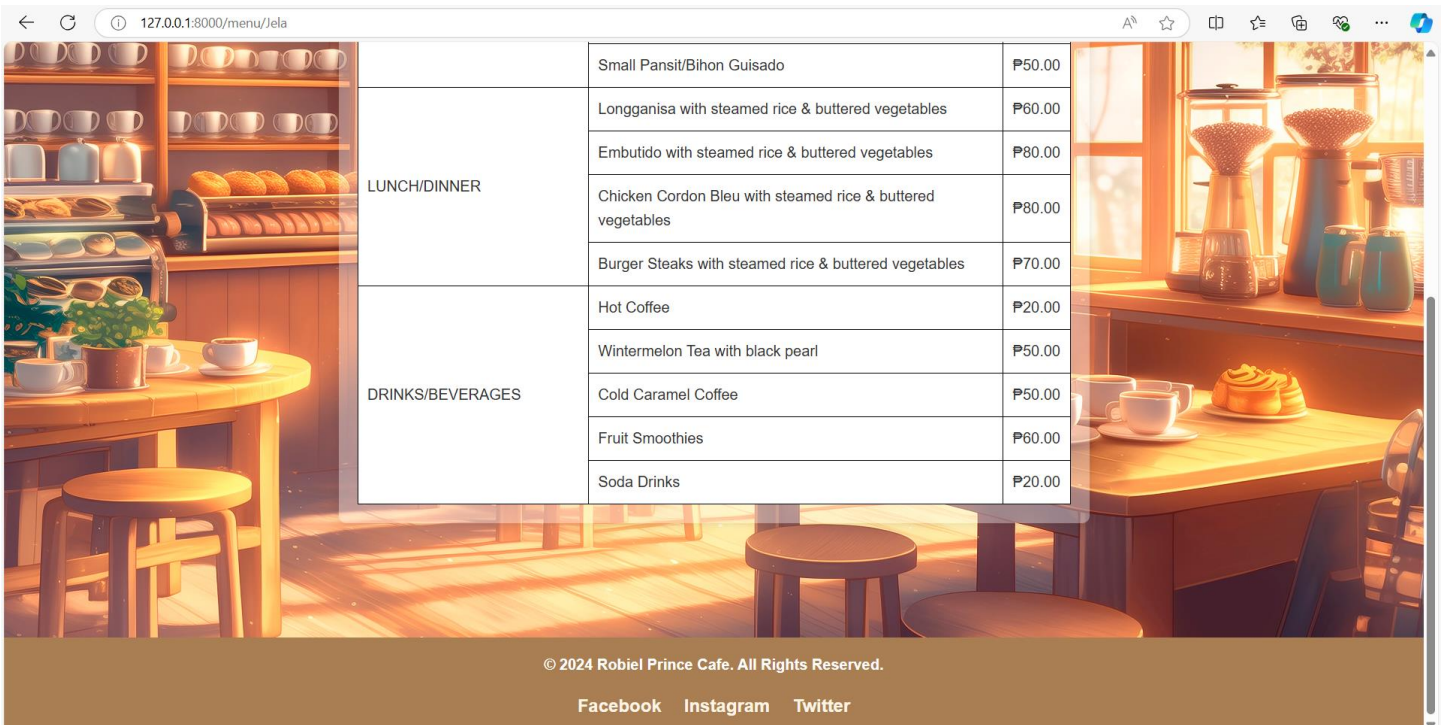




menu.blade.php

```
menu.blade.php U • homepage.blade.php U goTologin.blade.php U • Layout.blade.php U
G8 > resources > views > 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>
23 <!-- Breakfast/Snack Staples -->
24 <tr>
25 <td rowspan="5">BREAKFAST/SNACK STAPLES</td>
26 <td>Pancakes/Crepes with toppings</td>
27 <td>P35.00</td>
28 </tr>
29 <tr>
30 <td>Egg Sandwiches</td>
31 <td>P25.00</td>
32 </tr>
33 <tr>
34 <td>Yummy Burgers</td>
35 <td>P40.00</td>
36 </tr>
37 <tr>
```





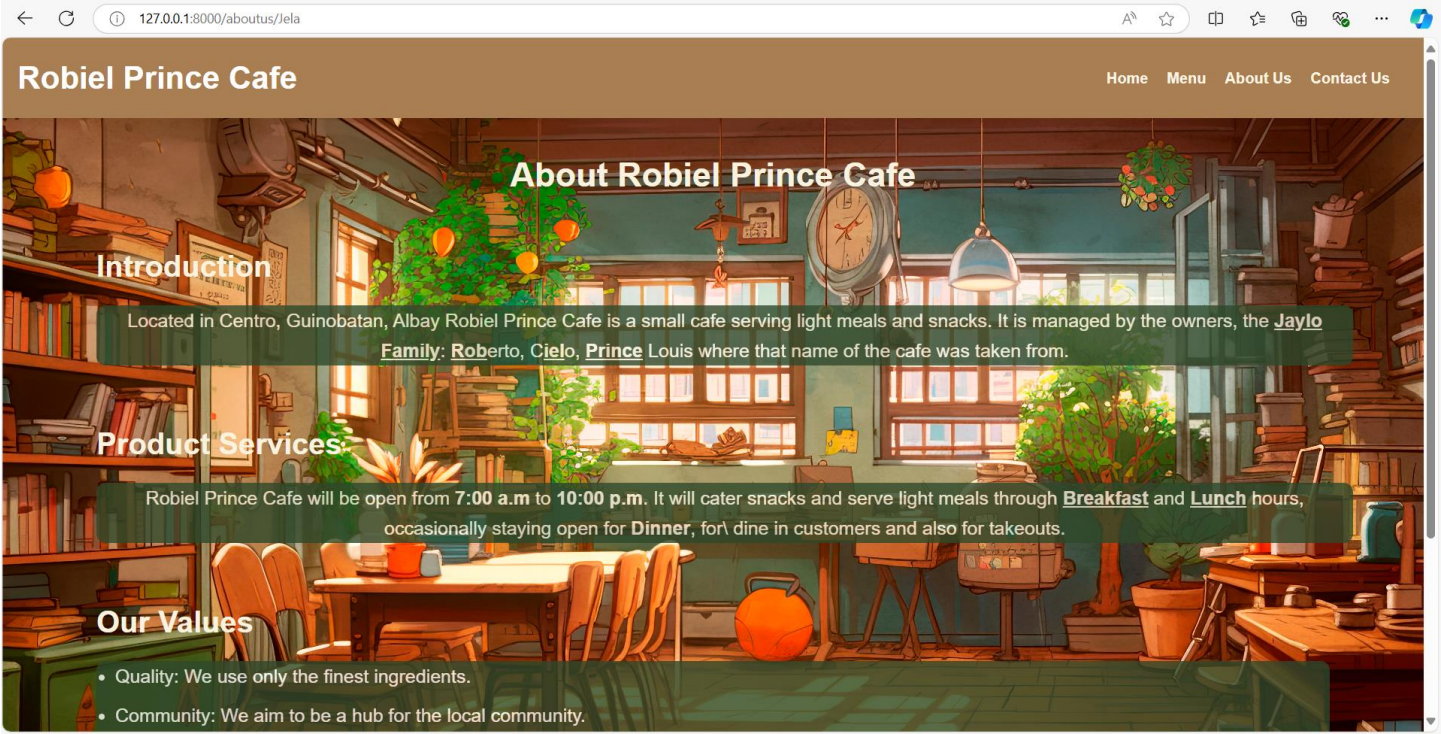
aboutus.blade.php

```
aboutus.blade.php X menu.blade.php U homepage.blade.php U goTologin.blade.php U Layout.blade.php U
G8 > resources > views > aboutus.blade.php
1 <!-- resources/views/aboutus.blade.php -->
2 @extends('Components.Layout')
3
4 @section('title', 'About Us')
5
6 @section('content')
7     <main class="about-main">
8         <section class="intro-section">
9             <h1>About Robiel Prince Cafe</h1>
10        </section>
11
12        <section class="about-section">
13            <div class="about-content">
14                <div class="text-container">
15                    <h2>Introduction</h2>
16                    <p>
17                        Located in Centro, Guinobatan, Albay Robiel Prince Cafe is a small cafe serving light meals and snacks.
18                        It is managed by the owners, the <b><u>Jaylo Family</u></b>: <b><u>Rob</u></b>erto, C<b><u>iel</u></b>o,
19                        <b><u>Prince</u></b> Louis where that name of the cafe was taken from.
20                    </p>
21                </div>
22            </div>
23
24            <div class="about-content">
25                <div class="text-container">
26                    <h2>Product Services</h2>
27                    <p>
28                        Robiel Prince Cafe will be open from <b>7:00 a.m</b> to <b>10:00 p.m</b>. It will cater snacks and serve light meals
29                        through <b><u>Breakfast</u></b> and <b><u>Lunch</u></b> hours, occasionally staying open for <b>Dinner</b>, for\
30                        dine in customers and also for takeouts.
31                    </p>
32                </div>
33            </div>
34
35            <div class="about-content">
36                <div class="text-container">
37                    <h2>Our Values</h2>
```

aboutus.blade.php U X menu.blade.php U homepage.blade.php U goTologin.blade.php U Layout.blade.php U

G8 > resources > views > aboutus.blade.php

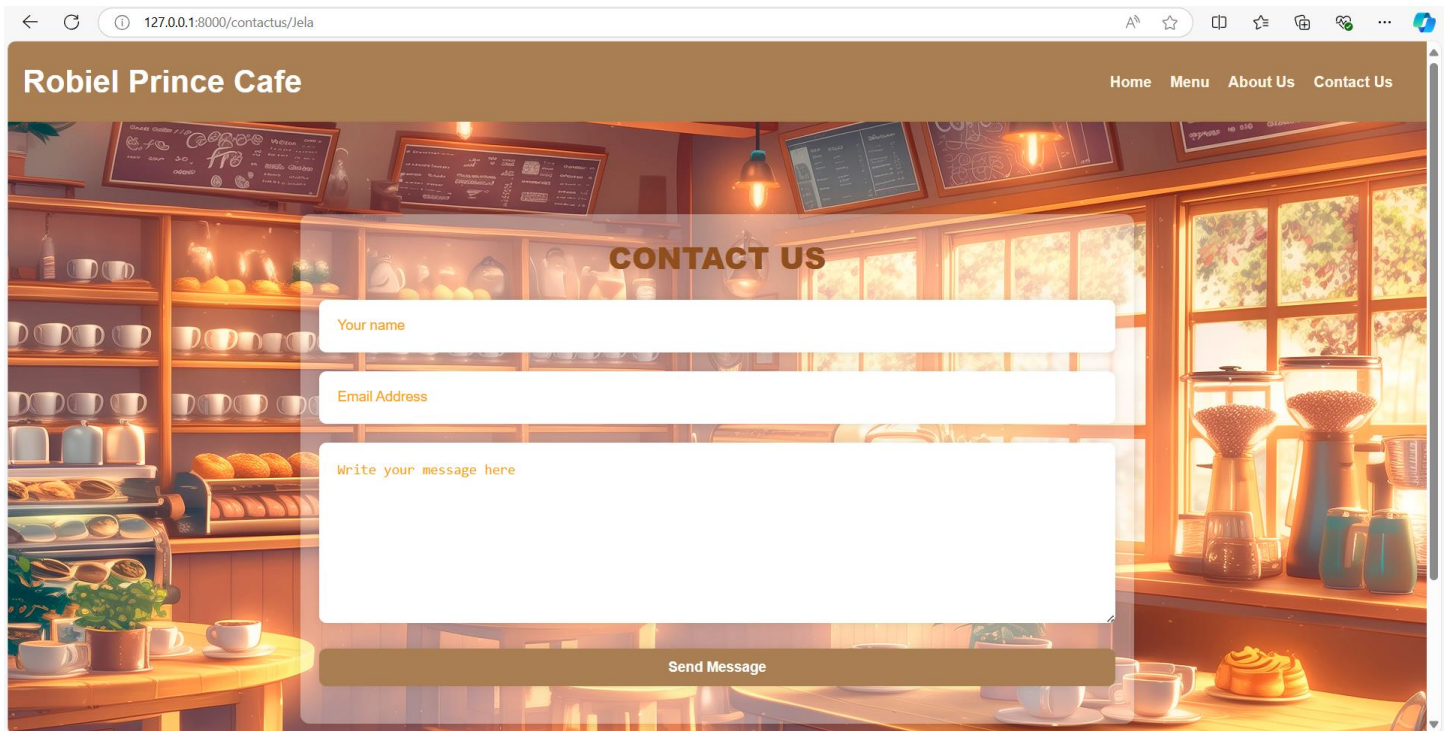
```
6 @section('content')
7     <main class="about-main">
12         <section class="about-section">
13             <div class="about-content">
14                 <div class="text-container">
17                     Located in Centro, Guinobatan, Albay Robiel Prince Cafe is a small cafe serving light meals and snacks.
18                     It is managed by the owners, the <b><u>Jaylo Family</u></b>: <b><u>Rob</u></b>erto, C<b><u>iel</u></b>o,
19                     <b><u>Prince</u></b> Louis where that name of the cafe was taken from.
20                 </div>
21             </div>
22         </div>
23
24         <div class="about-content">
25             <div class="text-container">
26                 <h2>Product Services</h2>
27                 <p>
28                     Robiel Prince Cafe will be open from <b>7:00 a.m</b> to <b>10:00 p.m</b>. It will cater snacks and serve light meals
29                     through <b><u>Breakfast</u></b> and <b><u>Lunch</u></b> hours, occasionally staying open for <b>Dinner</b>, for\
30                     dine in customers and also for takeouts.
31                 </p>
32             </div>
33         </div>
34
35         <div class="about-content">
36             <div class="text-container">
37                 <h2>Our Values</h2>
38                 <ul>
39                     <li>Quality: We use only the finest ingredients.</li>
40                     <li>Community: We aim to be a hub for the local community.</li>
41                     <li>Sustainability: We are committed to eco-friendly practices.</li>
42                     <li>Innovation: We constantly seek to improve our offerings.</li>
43                 </ul>
44             </div>
45         </div>
46     </section>
47 </main>
48 @endsection
```





## contactus.blade.php

```
contactus.blade.php U X aboutus.blade.php U menu.blade.php U homepage.blade.php U goTologin.blade.php U Layout.blade.php U
G8 > resources > views > contactus.blade.php
1 <!-- resources/views/contactus.blade.php -->
2 @extends('Components.Layout')
3
4 @section('title', 'Contact Us')
5
6 @section('content')
7     <main class="site-main">
8         <form action="/welcome" method="POST" onsubmit="showConfirmation(event)">
9             @csrf
10            <h1>CONTACT US</h1>
11            <input type="text" id="name" placeholder="Your name" required>
12            <input type="email" id="email" placeholder="Email Address" required>
13            <textarea id="message" cols="30" rows="10" placeholder="Write your message here" required></textarea>
14            <input type="submit" value="Send Message" class="send-btn">
15        </form>
16    </main>
17
18    <!-- Modal Popup -->
19    <div id="confirmationModal" class="modal">
20        <div class="modal-content">
21            <span class="close-btn" onclick="closeModal()">&times;</span>
22            <p>Your message has been sent! Thank you!</p>
23        </div>
24    </div>
25 @endsection
```





## ROUTES

\*The routing setup and how it serves the views.

### web.php

```
web.php U •
G8 > routes > 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.',
```

```
//handles the log in form and username validation
Route::post('/homepage', function (\Illuminate\Http\Request $request) {
    // Validate that the username only contains alphabetic characters (a-z, A-Z)
    $request->validate([
        'username' => 'required|alpha'
    ], [
        'username.alpha' => 'The username should only contain alphabetic characters.',
        'username.required' => 'The username field is required.'
    ]);

    $username = $request->input('username', 'Guest');
    return redirect("/homepage/$username");
});
```

## Route for Login Page

This route is set up to handle requests made to the root URL (/). It uses the GET HTTP method, meaning this route is triggered when someone visits the root URL. The route returns to the **goTologin** view, which is likely the login page. It passes the string 'Guest' as the default username to the view. This username is not dependent on user input at this stage, but it may be used to greet the user as "Guest" or pre-fill the username field with "Guest" on the login page. The route is named **goTologin**, allowing you to generate URLs for this route elsewhere in the application using route ('goTologin').

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

## Route for Welcome Page, About Us Page, Menu Page, and Contact Us Page

These routes use dynamic parameters ({username}) to display personalized pages. The username provided in the URL will be passed to the views, allowing them to render user-specific content. This is applied for pages like "Home," "About Us," "Menu," and "Contact Us." If a user visits **/homepage/Jela**, the view receives **Jela** as the username and customizes the page accordingly.

```
//route for the welcome page with dynamic username, and view the welcome message with username
Route::get('/homepage/{username}', function ($username) {
    return view('homepage', ['username' => $username]);
})->name('homepage');

//route for the about page with dynamic username
Route::get('/aboutus/{username}', function ($username) {
    return view('aboutus', ['username' => $username]);
})->name('aboutus');

//route for the content page with dynamic username
Route::get('/menu/{username}', function ($username) {
    return view('menu', ['username' => $username]);
})->name('menu');

//route for the contact page with dynamic username
Route::get('/contactus/{username}', function ($username) {
    return view('contactus', ['username' => $username]);
})->name('contactus');
```

## Login Form Handling and Username Validation

This route handles POST requests from a form (likely the login form). It validates the username entered by the user. The username is validated to ensure it only contains alphabetic characters (alpha) and is not empty (required). If validation fails, error messages are returned. Once the username passes validation, the user is redirected to their personalized homepage (e.g., **/homepage/Jela**). The application dynamically constructs the URL using the username provided in the form.

```
//handles the log in form and username validation
Route::post('/homepage', function (\Illuminate\Http\Request $request) {
    // Validate that the username only contains alphabetic characters (a-z, A-Z)
    $request->validate([
        'username' => 'required|alpha'
    ], [
        'username.alpha' => 'The username should only contain alphabetic characters.',
        'username.required' => 'The username field is required.'
    ]);

    $username = $request->input('username', 'Guest');
    return redirect("/homepage/$username");
});
```

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

All the view files (**homepage.blade.php**, **menu.blade.php**, **contactus.blade.php**, and **aboutus.blade.php**) follow the same structure and extend the layout defined in **Components/Layout.blade.php**. This layout provides a consistent framework for the website, including the header, footer, and basic HTML structure and by using the **@section** and **@yield**, each view then inserts its own specific content into this layout.

```
<!-- resources/views/homepage.blade.php -->
@extends('Components.Layout')

@section('title', 'Home Page')

@section('content')
```

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

One of the main challenges I faced was managing the use of **@extends** and **@section** and understanding how they connect to the layout Blade file. It was difficult to grasp how these directives work together to structure views and share content across multiple pages. The merging of the CSS for different pages also proved tricky, as some pages were affected slightly, causing layout inconsistencies that took time to fix. Understanding how data could be passed between views and layouts was also a challenge, particularly when ensuring dynamic content was displayed consistently across multiple pages. To resolve these issues, I carefully studied the Blade templating engine and its use of inheritance and sections. I ensured that each view correctly extended the layout, and I debugged the CSS to ensure consistency across pages, checking for any conflicts that might disrupt the layout. Through trial and error, I managed to resolve the layout issues and create a more seamless connection between the layout and the individual views.

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

In Laravel Blade templates, `{{ $slot }}` and `@yield` are both used for injecting content, but they serve different purposes. `{{ $slot }}` is primarily used in Blade **components**, allowing you to define reusable UI elements that can accept dynamic content. It acts as a placeholder within a component where the passed content will be rendered. On the other hand, `@yield` is used in Blade **layouts** to define sections where content from child views can be inserted. It works in tandem with `@section`, where a layout defines the `@yield('content')`, and the child view uses `@section('content')` to provide specific content.