



**BICOL UNIVERSITY COLLEGE OF SCIENCE
LEGAZPI, ALBAY**



IT Elect 1 – WEB DEVELOPMENT
DOCUMENTATION
(LABORATORY 3)

SUBMITTED BY:
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FOOD

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Delicious Dishes for Food Lovers

A food page with hundreds of quick and easy dinner recipes.

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Spaghetti with Tomato Sauce

Spaghetti with a simple yet flavorful tomato sauce, the best for a quick meal!

What is spaghetti?

Spaghetti is a long, thin, cylindrical pasta that is one of the most popular types of pasta and is typically made from durum wheat semolina. It is a versatile dish that can be enjoyed in numerous ways, from simple tomato sauce to complex and gourmet recipes. Spaghetti is a popular Italian cuisine and beloved worldwide for its simplicity and versatility.



Ingredients: 1

- 100g of spaghetti
- 2 tbsp olive oil
- 2 medium onions, minced
- 400g canned tomatoes
- Salt and pepper to taste
- Fresh basil leaves (optional)
- Grated Parmesan (optional)

How to make it: 1

1. Cook the spaghetti according to package instructions.

2. In a pan, heat the olive oil and sauté the onions until fragrant.

3. Add the canned tomatoes, salt, and pepper. Simmer for 10 minutes.

4. Toss the cooked spaghetti in the sauce and serve with fresh basil and Parmesan.

Nutrition info (per serving):

- Calories: 400 kcal
- Carbohydrates: 80g
- Protein: 10g
- Fat: 5g
- Fiber: 2g
- Sodium: 100mg

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Our Mission

At Foods, we are dedicated to bringing you the best culinary experiences. Our mission is to inspire people to explore new flavors and create unforgettable meals. Whether you're a novice cook or a seasoned chef, we provide resources, recipes, and tips to help you succeed in the kitchen.

Our Story

Founded in 2024, our company started as a small blog aimed at food lovers and home cooks. Over the years, we have grown into a platform that reaches millions of food enthusiasts around the world. What began as a passion project is now a thriving community focused on sharing the joy of cooking and eating.

Why Choose Us?

- Handpicked, easy-to-follow recipes
- Expert tips and techniques
- A community of passionate food enthusiasts
- Weekly updates with new content and recipes

Join Our Community

If you love cooking as much as we do, we invite you to join our community! Sign up for our newsletter to receive the latest recipes, cooking tips, and special offers directly to your inbox. Together, let's make every meal a memorable experience!

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If you have any questions, feel free to reach out using the form below or connect with us through our social media platforms!

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Your Name

Email:

Your Email

Message:

Write your message here...

Send Message

Email Us:

support@foodcompany.com

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LAYOUT FILE CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>@yield('title')</title>
    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.6.0/css/all.min.css" integrity="sha384-KK643NF90j5kzWpZyfKzDnOGAB0LqKn64jAB4VJVNOC13+k3aGZ37OYzlHQ6">
    <link rel="stylesheet" href="{{ asset('css/app.css') }}">
</head>

<body>
    <!-- Header Section -->
    <header class="header">
        <div class="logo">
            <a href="/">FOOD</a>
        </div>
        <nav>
            <ul>
                <li><a href="/">HOME</a></li>
                <li><a href="/recipes">RECIPES</a></li>
                <li><a href="/about">ABOUT US</a></li>
                <li><a href="/contact">CONTACT US</a></li>
            </ul>
        </nav>
        <div class="auth-links">
            <a href="/signup" class="signup-btn">SIGN UP</a>
            <a href="/signin" class="signin-btn">SIGN IN</a>
        </div>
    </header>
</body>

    <!-- Main Content -->
    <main>
        @yield('content')
    </main>

    <!-- Footer Section -->
    <footer>
        <p>© 2024 Food Blog. All rights reserved.</p>
    </footer>

    <!-- Add JS for layout -->
    <script src="{{ asset('js/app.js') }}"></script>
</body>
```

Purpose of the layout file and how it is used: This code serves as a layout template for a food blog web application, featuring a structured header, main content area, and footer. By using Blade templating in Laravel, other views can extend this layout and fill in specific content while maintaining a consistent structure.

```
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  Route::get('/', function () {
6      return view('Components.home');
7  })->name('home');
8
9  Route::get('/about', function () {
10     return view('Components.about');
11 })->name('about');
12
13 Route::get('/contact', function () {
14     return view('Components.contact');
15 })->name('contact');
16
17 Route::get('/recipes', function () {
18     return view('Components.recipes');
19 })->name('recipes');
20
```

The routing setup and how it serves the views: The routing setup in `web.php` defines routes using `Route::get()`, mapping specific URLs (like `/about` and `/recipes`) to anonymous functions that return views. Each route is assigned a name, such as `home` or `recipes`, for easy reference elsewhere in the application. These routes serve views located in the `Components` directory, such as `Components.home` and `Components.about`.

Explain the difference between `{{ $slot }}` and `@yield`: `{{ $slot }}` is used in Blade components to allow dynamic content insertion, while `@yield` defines a section placeholder in layouts that individual views can fill with their specific content.

One challenge was ensuring the correct views were rendered when navigating to different routes. We resolved this by organizing the view files in the `Components` directory and updating the routes to point to the correct views. Also, the named routes helped simplify redirection and link generation throughout the application.