

Group Project

WEB DEVELOPMENT



A website for a
Restaurant



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About Project

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01

Website for a Restaurant

Our group project aims to create a highly functional website for a prestigious restaurant with two branches located in Nuwara Eliya and Negombo. The primary purpose of the website is to provide visitors with comprehensive information about both outlets and showcase the delectable food options available at the restaurant. Additionally, the website offers a convenient reservation system, allowing individuals to book tables in advance for special occasions such as birthdays and family outings. Our collaborative effort has resulted in an innovative and visually appealing website that effectively promotes the restaurant's ambiance and attracts potential customers.

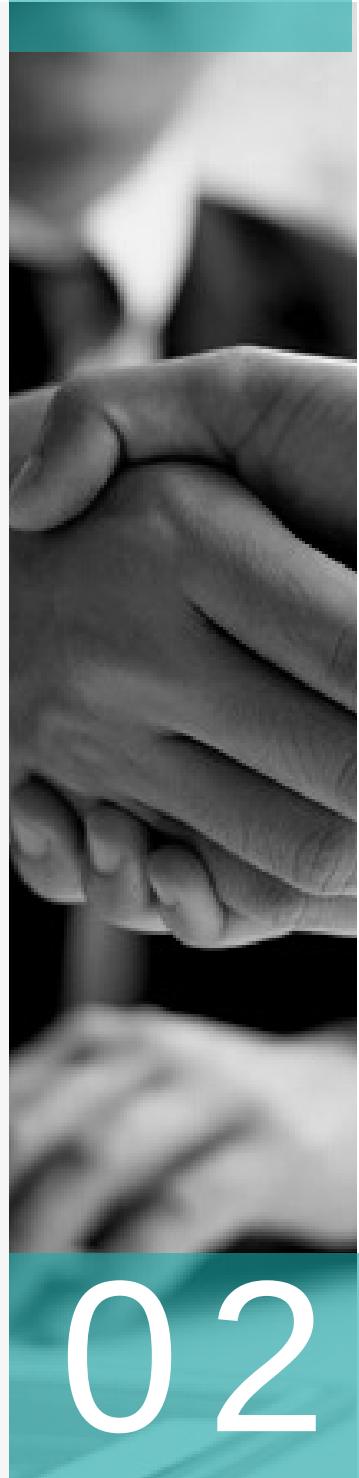
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Our Objectives and Goals

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1. Create an attractive and user-friendly website that effectively represents the grand restaurant and its two outlets in Nuwara Eliya and Negombo.
2. Provide comprehensive information about the restaurant's features, ambiance, menu options, and services to give visitors a clear idea of what to expect.
3. Implement an easy-to-use reservation system to allow customers to book tables in advance for various occasions, enhancing their dining experience.
4. Showcase the restaurant's unique selling points, such as its exquisite culinary offerings, elegant interior design, and exceptional customer service, to attract and engage potential customers.
5. Continuously update and maintain the website to reflect any changes in the restaurant's offerings, promotions, and events, keeping it relevant and up-to-date

And also this includes enhancing our knowledge of website design, implementing industry best practices, studying leading companies' websites, and collaborating to create a visually appealing and user-friendly website.



02



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Design of the Website

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Our website features a color scheme of black, gold, white, and gray, complemented by vibrant multicolor photos to create an aesthetically appealing visual experience.

The website consists of 10 web pages that provide comprehensive information about the restaurant, including details about its outlets, menus, contact information, and an "About" section.

The menu is categorized into four web pages, namely "Menu in Negombo Outlet," "Menu in Nuwara Eliya Outlet," "Bar," and "Special Combo Offers."

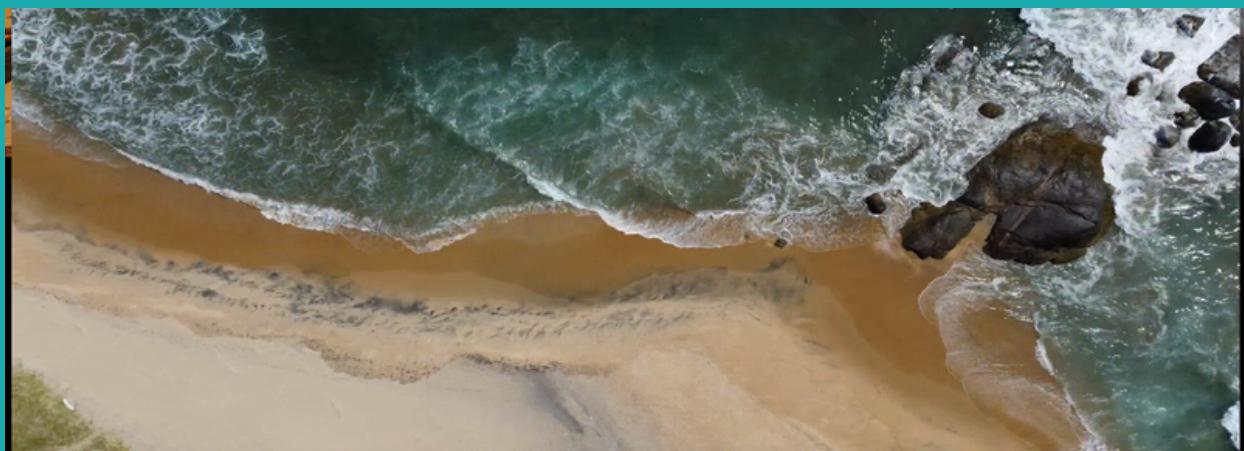
The outlet webpages include details of the interior and exterior of the restaurant, as well as a gallery showcasing its ambiance.

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Implementation

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Introduction for Homepage



Welcome to our newly opened restaurants in two of Sri Lanka's most beautiful locations, Nuwara Eliya and Negombo! Our restaurants offer a unique and unforgettable dining experience for our customers. We pride ourselves on serving the finest food, prepared with the freshest ingredients, and cooked to perfection. Our Nuwara Eliya restaurant is nestled in the heart of Sri Lanka's picturesque hill country, surrounded by stunning tea plantations and misty mountains. It's the

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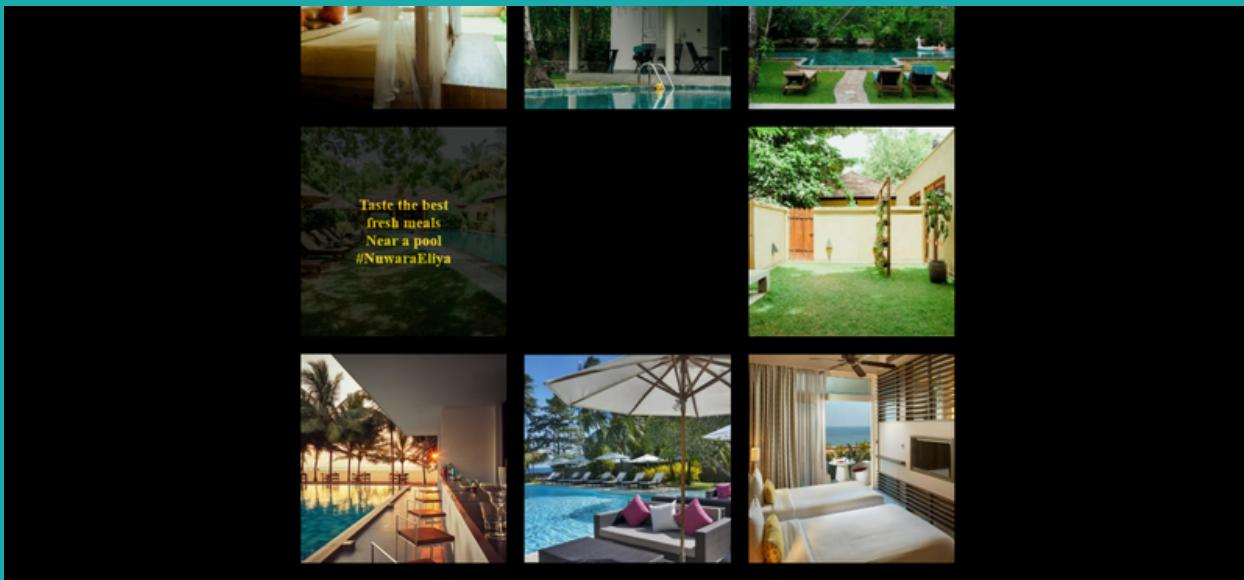


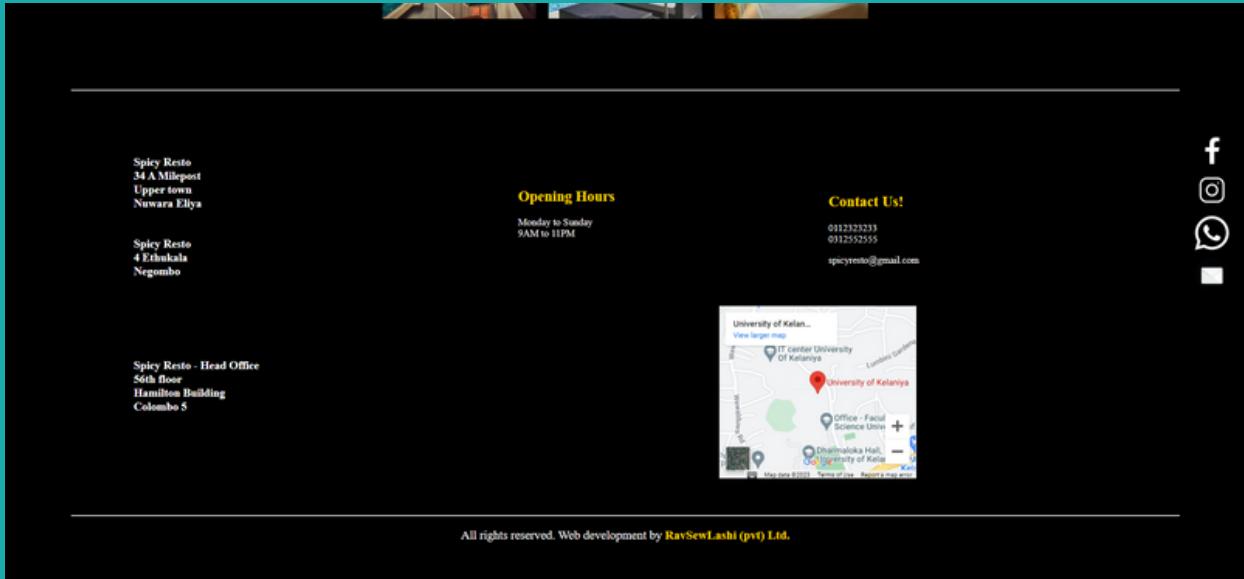
Our Nuwara Eliya restaurant is nestled in the heart of Sri Lanka's picturesque hill country, surrounded by stunning tea plantations and misty mountains. It's the perfect place to escape the hustle and bustle of everyday life and indulge in delicious food and breathtaking scenery. Our Negombo restaurant is situated on the beautiful west coast of Sri Lanka, overlooking the Indian Ocean. It's a great place to unwind and enjoy some mouth-watering cuisine while taking in the stunning sunsets and sea views.

At our restaurants, we offer a wide range of dishes, including Sri Lankan and international cuisine, all cooked to perfection by our experienced chefs. We also offer a range of drinks, including cocktails, mocktails, and fresh juices, to complement your meal. Our friendly and attentive staff are always on hand to ensure you have the best possible dining experience. Whether you're looking for a romantic dinner for two, a family meal, or a special occasion, we can cater to all your needs. We look forward to welcoming you to our restaurants and hope you enjoy your dining experience with us. Our chefs are passionate about creating dishes that are both flavorful and beautifully presented. We use only the highest quality ingredients, sourced locally whenever possible, to ensure that every dish is bursting with flavor. Our friendly staff is committed to providing excellent service, and we strive to create a warm and welcoming atmosphere for all of our guests.

Our pool is located at both our Nuwara Eliya and Negombo locations and is the perfect place to unwind and cool off after a day of exploring. Surrounded by lush greenery and beautiful scenery, our pools provide a serene and peaceful environment for you to enjoy. At our bars, we offer a wide selection of drinks, including cocktails, beer, wine, and spirits. Whether you're in the mood for a refreshing beer or a tropical cocktail, our bartenders are skilled at creating a range of delicious and unique drinks to suit all tastes. Our bars are also a great place to socialize and meet new people, with a lively and vibrant atmosphere that's perfect for a night out. Whether you're looking to relax by the pool or enjoy a drink with friends, our pool and bar facilities provide the perfect complement to our restaurants. So why not come and join us and experience the ultimate in relaxation and indulgence?

We believe that our restaurant is a must-visit destination for foodies and anyone who appreciates good food, great service, and a warm, welcoming atmosphere. So come and experience our restaurant for yourself - we guarantee that you won't be disappointed!





Code of the home page

```
<?php
session_start();

// Check if the user is already logged in
if (isset($_SESSION['name'])) {
    $loggedIn = true;
    $name = $_SESSION['name'];
} else {
    $loggedIn = false;
}

// Handle login form submission
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Retrieve form data
    $name = $_POST["name"];
    $email = $_POST["email"];
    $password = $_POST["password"];
}
```

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```
// Validate login credentials
if ($email != "" && $password != "") {
    // Set session variables
    $_SESSION["name"] = $name;
    $_SESSION["email"] = $email;
    $loggedIn = true;

    // Set cookie for one month
    setcookie("name", $name, time() + (30 * 24 * 60 * 60));
    setcookie("email", $email, time() + (30 * 24 * 60 * 60));

    // Save details to file
    $details = "Name: $name\nEmail: $email\nPassword: $password\n\n";
    file_put_contents("details.txt", $details, FILE_APPEND);
} else {
    $loginError = "Invalid login credentials";
}
}

// Handle logout
if (isset($_GET['logout'])) {
    // Clear session data
    session_destroy();

    // Clear the cookies
    setcookie("name", "", time() - 3600);
    setcookie("email", "", time() - 3600);

    header("Location: homepage.php");
    exit();
}
?>

<
</head>
```

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```
html>
<head>
<title>Spicy Resto</title>
<link rel="stylesheet" type="text/css" href="GP.css">
<script src="GP.js"></script>

<style type="text/css">
.login {
position: absolute;
top: 10px;
right: 10px;
}

.login button {
background-color: #333;
color: gold;
border: none;
padding: 10px;
cursor: pointer;
}

.login-form {
display: none;
position: absolute;
top: 30px;
right: 10px;
background-color: gray;
padding: 10px;
border: 1px solid #ccc;
z-index: 5;
}

.login-form label {
display: block;
margin-bottom: 10px;
}
```

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```
.login-form label {  
    display: block;  
    margin-bottom: 10px;  
}  
  
.login-form input {  
    display: block;  
    margin-bottom: 10px;  
    padding: 5px;  
    width: 100%;  
    border: 1px solid #ccc;  
}  
  
.login-form button {  
    background-color: #333;  
    color: #fff;  
    border: none;  
    padding: 10px;  
    cursor: pointer;  
}  
  
}  
  
</style>  
</head>  
<script>  
window.addEventListener("scroll", function() {  
    var scrollTop = window.pageYOffset;  
    var bgImage = document.querySelector(".image-container");  
    bgImage.style.transform = "translateY(-" + scrollTop / 2 + "px)";  
});  
</script>  
  
<body>  
<div style="position: absolute; z-index: 6; text-align: left; width: 97%;">  
<?php if ($loggedin) : ?>  
    <h2 style="text-align:right; color:gold;">Welcome <?php echo $name; ?>!</h2>  
    <a href="1homepage.php?logout=true" style="text-decoration: none;"><h3 style="text-align:right; color:gold;">Logout</h3></a>  
<?php else : ?>  
  
    <!--<h4 style="text-align:right; color:gold;">Login</h4>-->  
    <div class="login">  
        <?php if ($loggedin) : ?>  
            <button id="loginButton">Hi, <?php echo $name; ?></button>  
        <?php else : ?>  
            <button id="loginButton" onclick="showLoginForm()">Login</button>  
        <?php endif; ?>  
    </div>
```

**There are some other code segment for homepage, please refer the HTML file

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This is the very first page of the website and it will give the first impression of the webpage. Hence it was created very attractively to make a beautiful picture of the restaurant among customers. There is a login button to make a session, if someone logged in his details will be saved in a database and also it set cookies for a month. Then there is a navigation bar to direct to the other web pages. There is an icon div included to direct for Facebook, Instagram, WhatsApp, and email. It will be in the same location even if the page is scrolled. Then there are another two transparent boxes that direct to the outlet webpages. There is a small GIF with a view of the restaurant and a small description of the restaurant.

There is a table containing pictures where it shows some details when we hoover on a picture. In the end, a footer is created which contains the contact details of the restaurant. Users can also click on the contact us text to go to the detailed contact webpage. And there is a map.

The outlet webpages are also containing the same navigation bar, footer, and cookie button. Other than these there are 3 separate sections for interior, exterior, and gallery on each page which give a brief introduction that how the location looks like.

Database : logindetails

Table: login

Column Names: idno, name, email, password

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Welcome to Spicy Resto!

Welcome Raveena!
[Logout](#)

[Home](#) [Outlets](#) [Menu](#) [Reservations](#) [About Us](#) [Contact Us](#)



Nuwara Eliya is a picturesque hill station nestled in the heart of Sri Lanka's central highlands, renowned for its breathtaking scenery and refreshing cool climate. Among its many attractions, the town boasts some of the finest dining experiences in the country, and this grand restaurant is undoubtedly one of the most iconic establishments. As visitors step through the doors of this elegant restaurant, they are immediately struck by its sophisticated and refined ambiance. The décor is tastefully designed to create a warm and welcoming atmosphere, with plush seating, subtle lighting, and beautiful artwork adorning the walls. The dining area overlooks the verdant hills and tea plantations, providing an idyllic setting to savor a meal. The cuisine is a delightful blend of local and international flavors, expertly crafted by a team of talented chefs. The menu features an array of delectable dishes that are prepared using the freshest and finest ingredients. From sumptuous seafood to succulent meats, each dish is beautifully presented and bursting with flavor. Whether visitors are in the mood for a hearty meal or a light snack, the restaurant has something to satisfy every palate.

The service is impeccable, with attentive staff who are dedicated to ensuring that the dining experience is nothing short of exceptional. The restaurant prides itself on its personalized approach to customer service, with each guest treated like a VIP. The restaurant also offers a carefully curated wine list, featuring a selection of local and international wines that perfectly complement the menu. The knowledgeable sommelier is on hand to guide visitors through the wine list, helping them to select the perfect bottle to accompany their meal. Overall, this grand restaurant in Nuwara Eliya is a must-visit for anyone seeking an unforgettable dining experience. From the stunning setting to the exquisite cuisine and impeccable service, every detail has been thoughtfully designed to ensure that a visit is a memorable one. Visitors can book a table today and experience the magic of this truly special restaurant for themselves.

[Make a Reservation](#)

>> Interior
>> Exterior





>> Interior

>> Exterior

Situated in the breathtaking town of Nuwara Eliya, Spicy Resto welcomes you with its charming and picturesque exterior that perfectly complements the surrounding natural beauty. As you approach the restaurant, you are immediately captivated by its stunning architectural design and seamless integration with the scenic landscapes. The exterior of Spicy Resto Nuwara Eliya showcases a harmonious blend of modern aesthetics and traditional charm. The building's architectural style pays homage to the colonial heritage of the town, featuring elegant lines, graceful arches, and a charming color palette that adds to its timeless appeal.



Surrounded by lush greenery and towering trees, the restaurant's exterior creates a tranquil and inviting atmosphere. The beautifully landscaped gardens and carefully maintained pathways guide you to the entrance, where you begin your culinary journey. The outdoor seating area at Spicy Resto Nuwara Eliya offers a delightful dining experience amidst nature's splendor. Come taste our delicious dishes and let us transport you to a world of flavors and memories.

>> Gallery

Spicy Resto
34 A Milepost
Upper town
Nuwara Eliya

Spicy Resto
4 Ethukala
Negombo

Spicy Resto - Head Office
56th floor
Hamilton Building
Colombo 5

Opening Hours

Monday to Sunday
9AM to 11PM

Contact Us!

0112523233
0112552555
spicyresto@gmail.com



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Introduction for About Us page

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The About Us web page includes a header section with the website's title and a navigation bar with links to different pages such as Home, Outlets, Menu, Reservations, About Us, and Contact Us.

The main content of the page is about the restaurant itself, starting with a section called "About Us" that includes a brief description of the restaurant's commitment to providing exceptional service. The next section is called "Our Staff" and features three employees with their pictures, job titles, and short descriptions of their roles in the restaurant.

The web page also includes a section with the restaurant's address, opening hours, and contact details. At the bottom of the page, there is a footer with a horizontal line separating it from the rest of the page. The footer includes a copyright notice and credits for the web development team.

The page uses CSS to style the content and make it more visually appealing, with a gold color scheme and a responsive design for different screen sizes.

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Welcome to Spicy Resto!

Home Outlets Menu Reservations **About Us** Contact Us

About Us

At Spicy Resto, we are committed to providing our guests with the highest level of service and attention to detail. From the moment you arrive, our friendly and knowledgeable staff will make you feel at home and ensure that your stay is nothing short of perfect.

We are committed to providing our guests with an exceptional experience, from the moment you arrive until the time you depart. Thank you for choosing Spicy Resto for your stay, and we look forward to welcoming you back again soon.

Stefanie Silva
CEO & Founder
She is the Founder of Spicy Resto. She is responsible for the overall management and direction of the restaurant's operations
stefanie@gmail.com

Teran Perera
Main Chef
He is the main Chef of our Restaurant. He involves creating and testing new recipes, sourcing high-quality ingredients, managing the kitchen staff, and ensuring that all food is prepared to the highest standard.
Teran23@gmail.com

John Doe
General Manager
He manages the restaurant's finances, developing and implementing policies and procedures, and supervising staff members in various departments, such as front-of-house, back-of-house, and bar.
john@gmail.com

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0112323233
spicyresto@gmail.com

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Introduction for Contact page

The main section of the web page is the contact page, which has a heading "Contact Us" followed by a description of the restaurant and its contact information. The contact information is divided into three boxes: one for the address of the two restaurant outlets, one for the phone number, and one for the email address. Below the contact information, there is a contact form that allows users to send a message to the restaurant. The form includes input fields for the user's name, email address, and message, as well as a submit button.

At the bottom of the web page, there is a Google Maps embedded in an iframe that shows the location of one of the restaurant outlets. The web page also uses a CSS stylesheet and the Font Awesome icon library to style the different elements and add icons to the contact information boxes. Additionally, the web page includes a PHP script that allows users to submit their contact information through the contact form and writes it to a text file named "data.txt". When the "submit" button is pressed it reads the form data and write it to a "data.txt"

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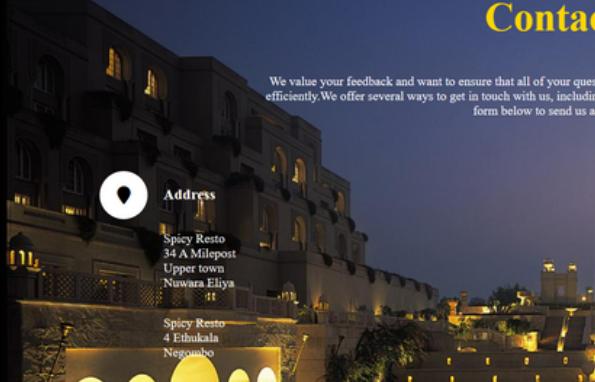


Welcome to Spicy Resto!

Home Outlets Menu Reservations About Us **Contact Us**

Contact Us

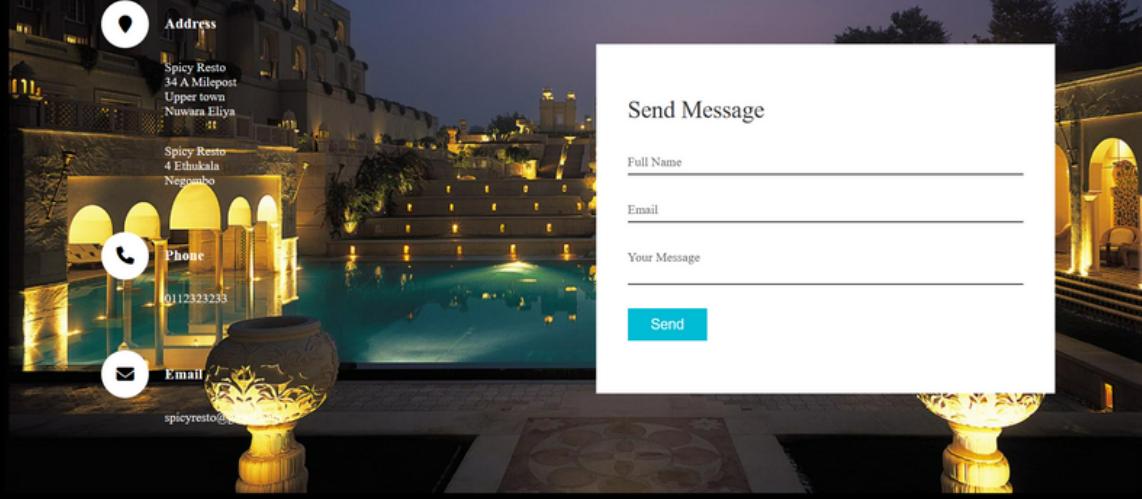
We value your feedback and want to ensure that all of your questions, concerns, and inquiries are addressed promptly and efficiently. We offer several ways to get in touch with us, including email, phone, and social media. You can also fill out the form below to send us a message directly.



Send Message

Full Name

Email



Send Message

Full Name

Email

Your Message

Send

University of Kelaniya
Administrative Building, Kandy Rd,
Kelaniya 11600
4.6 ★★★★☆ 319 reviews
[Directions](#)



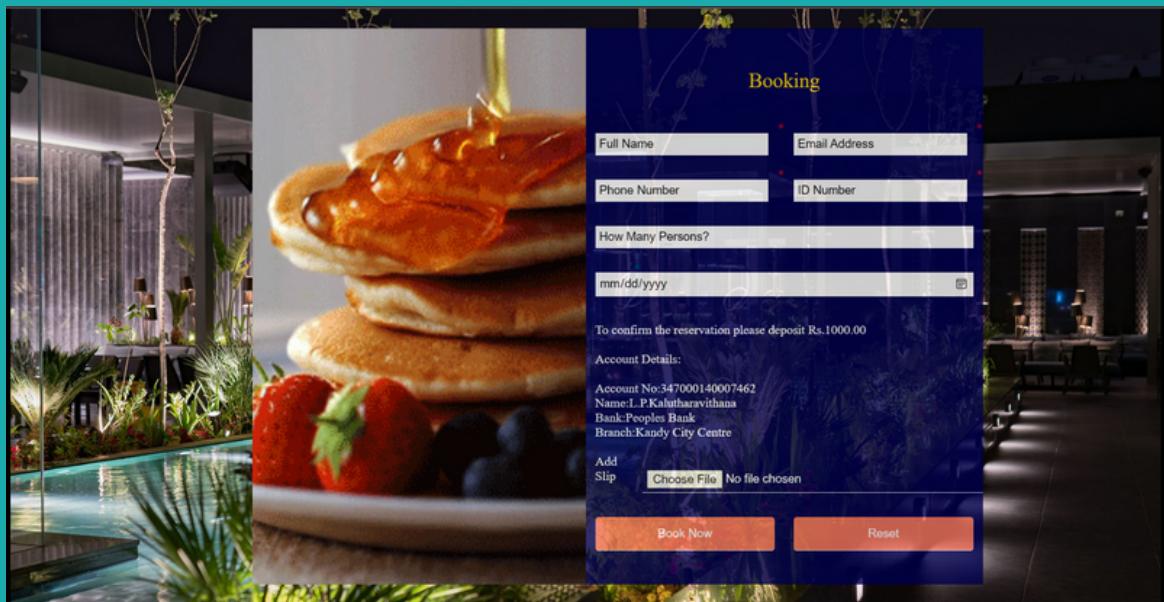
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Introduction for Reservation page

In this web page the form contains fields for the user to enter their name, email, phone number, ID number, and the number of persons in their party. The form also includes error messages that appear if the user enters invalid data in any of the fields.



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At the bottom of the page, there is a section for submitting the form. When the user clicks the "submit" button, the form data is validated using PHP code, and if there are no errors, the data is saved to a MySQL database. The page also includes a reset button that clears all the form fields.

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Introduction for menu page

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The menu page is an essential part of a restaurant website where customers can explore the food and beverage offerings. It provides a detailed list of menu items, along with descriptions and prices, allowing visitors to make informed choices.

A well-designed menu page enhances the user experience and helps showcase the restaurant's culinary offerings. By using HTML and CSS, we can create a visually appealing and user-friendly menu page.

Create a new HTML file and start by setting up the basic HTML structure. The `<header>` contains the restaurant name and a navigation menu.

The `<main>` section is where we will place the menu items, and the `<footer>` contains the copyright information.

Create a new CSS file called "style1.css" and link it to the HTML file using the `<link>` tag in the `<head>` section. In the CSS code, we have defined styles for the header, navigation menu, main content, and footer. We can customize these styles according to your project's design requirements.

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Adding Menu Items:

Inside the <main> section, you can add the menu items using HTML.

Each menu item can be wrapped in a <div>. In your CSS file, you can add styles to format and style the menu items.

We use the overlay effect to display the description of meals and display the price.

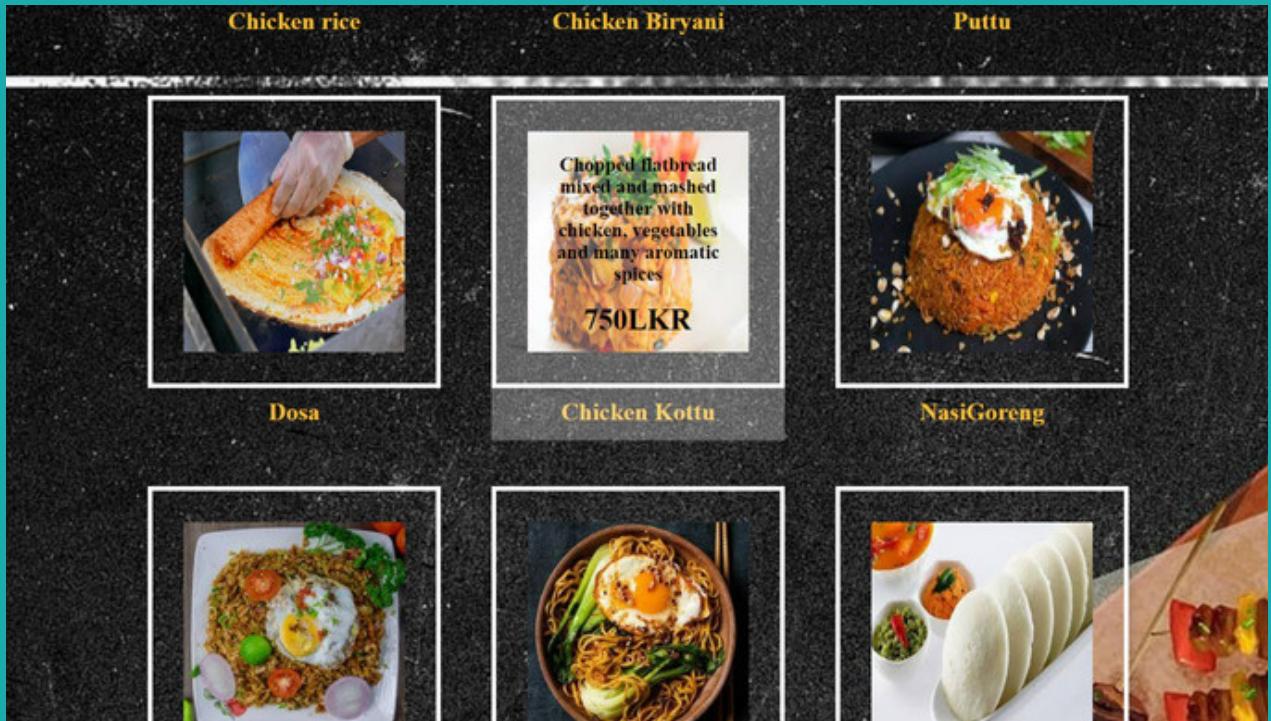
An overlay effect in HTML and CSS refers to a technique where a semi-transparent layer is placed on top of an element, such as an image or a background, to create a visual effect or enhance the appearance of the underlying content.

The overlay can be used to add a color tint, darken or lighten the content, or provide a pattern or texture effect.

If you want to overlay an image, you can use the <div> element to wrap the image tag.

Create a CSS class to style the overlay effect.

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You can use a combination of absolute positioning, background properties, and opacity to achieve the desired effect. You can customize the overlay effect by adjusting the properties and values in the CSS code.

For example, you can change the background color to a different color or use an image instead by specifying the background-image property. You can also modify the opacity value to make the overlay more or less transparent.

Additionally, you can apply additional styles to the container or the content within the container to further enhance the effect.





Welcome to Spicy Resto!

Home Outlets **Menu** Reservations About Us Contact Us

Our Bar

Enjoy a cocktail or cold beer in our bar after work or with a meal in our beautiful Honeymoon Dining restaurant

Whisky & Vodka

Black Label(25ml)	Jack Daniels(25ml)	Jameson's(25ml)	Chivas Regal(25ml)
350LKR	450LKR	350LKR	550LKR

You can customize the background image by adjusting the CSS properties and values to fit your requirements.

For example, you can use background-position to position the image differently within the background area, or you can adjust the background-size property to control how the image is scaled or cropped.

Additionally, you can apply the background image to specific sections or elements within the page by targeting their respective CSS selectors instead of the body selector.

For example, you can add a background image to a specific `<div>` element by giving it a class or ID and selecting it in your CSS file.

Remember to replace "path-to-your-image.jpg" with the actual file path or URL of your desired background image.

In this way, both Bar and Combo pages are created using HTML and CSS.



Tools Used

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During the course of this project, a variety of tools were utilized to facilitate the development and implementation processes. These tools played a crucial role in enhancing productivity, collaboration, and overall project success. The following is a comprehensive list of the tools employed:

Sublime Text editor
Notepad++
Canva
Social media

05





Project Timeline 06

INITIAL PLAN VS ACTUAL PLAN

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Initial Plan	Week 1 Feb 21-28	Week 2 Feb 28-March 07	Week 3 March 07-14	Week 4 March 14-21	Week 5 March 21-28	Week 6 March 28- April 4
Create and submit the project proposal.	✓					
Design the template and create the home pages.	✓	✓				
Enter the details of the menu and create the menu page.		✓	✓			
Creation of the about page showing the details about the restaurant and the procedure that takes place there.		✓	✓			
Creation of contact page including details of how to contact the restaurant and its branches and the reservation page.			✓	✓	✓	
Correcting any defects and hand over the project.					✓	✓

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Actual Plan	Week 1 Feb 21-28	Week 2 Feb 28 - Mar 7	Week 3 Mar 7-14	Week 4 Mar 14-21	Week 5 Mar 21 - 28	Week 6 Mar 28 - Ap 11	Week 7 April 4-11	Week 8 April 11-18	Week 9 April 18-25	Week 10 Ap 25 - May 2	Week 11 May 2-9
Create and submit the project proposal.	✓										
Design the template and create the home pages.		✓			✓	✓	✓				
Enter the details of the menu and create the menu page.					✓			✓			
Creation of the about page showing the details about the restaurant and the procedure that takes place there.								✓	✓		
Creation of contact page including details of how to contact the restaurant and its branches and the reservation page.									✓	✓	✓
Correcting any defects and hand over the project.									✓	✓	



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Work Contribution Table

S.R.H. Samaranayaka	Project proposal, overall template and color theme idea, Homepage, Two outlet webpages, header and footer, final report template
L.P. Kalutharavithana	Reservation page, contact us page, about us page, final report some content
P.H.S.Rupika	Four menu pages including outlet menu, bar and combo packages, final report some content

"The strength of the team is each individual member. The strength of each member is the team." - Phil Jackson

Future Enhancements

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We are planning to get the customer reviews and include them in to the database and also getting back and display them. And also we are deciding to display menu by a database. Furthermore we are thinking to add a form that enables to add new menu to admins, add a section to share customer experiences, add card payment methods.

08



Citations & Bibliography

09

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THANK YOU

