



SYNOPSIS

ON

FOOD RESTAURANT WEBSITE

Submitted By:

Shivendra Singh-I-2115000964

Tanishka Agrawal-H-2115001031

Rohit Kumar-L-2115000871

Yash Sharma-L-2115001159

Submitted To:

Akash Kumar Choudhary

(Technical Trainer)

Acknowledgment

It gives us a great sense of pleasure to present the synopsis of the B.Tech **Mini Project-I (Food Restaurant Website)** undertaken during B.Tech 3rd Year. This project itself is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to **Mr. Akash Kumar Choudhary, (Technical Trainer Department of CEA)**, for providing us with an encouraging platform to develop this project, who thus helped us in shaping our abilities towards a constructive goal and for his support and guidance to our work.

His sincerity, thoroughness and perseverance is been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas a insightful comments at different stages of the project & also taught us about the industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of faculty members of the department for their kind guidance and co-operation.

Shivendra Singh (2115000964)

Tanishka Agrawal (2115001031)

Rohit Kumar (2115000871)

Yash Sharma (2115001159)

FOOD RESTAURENT WEBSITE

Objective:

The main objective of a project for a food restaurant website is to create an effective and appealing online platform that serves as a digital presence for the restaurant and addresses various tasks and challenges related to the food industry. The specific goals and objectives of such a project may include:

- 1. *Online Visibility:*** Increase the restaurant's online visibility and accessibility, allowing potential customers to find information about the restaurant, its menu, location, and contact details easily.
- 2. *Menu Presentation:*** Present the restaurant's menu in an attractive and user-friendly manner, including descriptions, prices, and high-quality images of dishes to entice customers.
- 3. *Reservation and Ordering:*** Provide features for customers to make reservations and place online orders for pickup or delivery, if applicable.
- 4. *Customer Engagement:*** Engage customers through interactive elements like customer reviews, ratings, and social media integration to build a community and gather feedback.
- 5. *Responsive Design:*** Ensure the website is responsive, so it functions well on various devices (desktops, tablets, smartphones) and browsers.
- 6. *Search Engine Optimization (SEO):*** Optimize the website for search engines to improve its ranking in search results, making it easier for potential customers to find the restaurant online.
- 7. *Online Reservation Management:*** Streamline the reservation process with a system for managing reservations and table assignments efficiently.
- 8. *Online Ordering and Delivery Integration:*** If the restaurant offers delivery, integrate a system for online ordering and delivery tracking.
- 9. *Feedback and Reviews:*** Collect customer feedback and reviews to improve the restaurant's services and reputation.
- 10. *Online Payments:*** Implement secure and convenient online payment options for customers who order food online.

In summary, the main objective of a food restaurant website project is to leverage the power of the internet to enhance a restaurant's visibility, customer engagement, and overall business operations, providing a convenient and informative experience for both existing and potential customers

Scope:

The scope of a food restaurant website project can vary widely depending on the specific goals and requirements of the project. Below are some common aspects that such a project may cover, as well as its boundaries and limitations:

Website Design and Layout: The project typically involves designing the visual and structural aspects of the website. This includes creating a user-friendly interface, selecting color schemes, and designing menus, navigation bars, and other website elements.

Menu Presentation: Displaying the restaurant's menu is a crucial aspect of the website. This may include categorizing menu items, providing descriptions, and possibly incorporating images of the dishes.

Online Ordering: Many restaurant websites include online ordering capabilities. This can range from simple order forms that generate email notifications to complex e-commerce systems with payment processing.

Reservation System: Some restaurant websites may offer a reservation system that allows customers to book tables online. This may involve a calendar feature that shows table availability and booking confirmation notifications.

Location and Contact Information: Displaying the restaurant's address, phone number, and a map with directions is a common feature. This helps customers find and contact the restaurant.

Customer Reviews and Ratings: Including customer reviews and ratings can build trust and credibility. It may involve integrating with review platforms like Yelp or having an internal review system.

Image Gallery: Showcasing high-quality images of the restaurant's interior, exterior, and food can be enticing to potential customers.

Exclusions (What the Project Will Not Cover):

Food Preparation and Service: The website project typically doesn't involve the actual cooking or serving of food. It focuses on presenting the menu and enabling online orders or reservations.

Physical Infrastructure: Building the physical restaurant space or managing the interior design is outside the scope of a website project.

Supply Chain Management: Managing the supply of ingredients and coordinating with suppliers is a different aspect of restaurant operations and is not part of the website project.

Mobile Apps: While some restaurant websites may have mobile optimization, developing a dedicated mobile app for the restaurant is a separate project.

SEO and Marketing: While basic SEO may be considered in the project's scope, a comprehensive digital marketing strategy typically requires a separate effort.

Data Security and Compliance: Ensuring the security of customer data and compliance with relevant data protection regulations may be part of the project but may need more extensive considerations.

Customer Support: Offering customer support via phone or email is not part of the website development itself.

It's important to define the project's boundaries and limitations clearly to manage expectations and deliver a successful restaurant website that aligns with the restaurant's specific goals and needs.

Methodology :

To create a restaurant website, you can use HTML, CSS, and JavaScript. You can use a template and personalize it to create the structure with HTML. Then, you can style it with CSS to set the layout of your web page with beautiful colors, fonts, and much more. Finally, you can make it interactive with JavaScript to create dynamic and interactive web pages for your users.

The website should have four essential sections listed below:

- Hero section: The hero section is the first impression of your website. It helps the reader to understand what your restaurant is about. It often displays a call-to-action button like “book a table” or “see our menu.”
- The menu: Having the menu available online lets the reader know what you are offering. Use the menu to display deals and promotions.
- About the restaurant: Give the reader a summary of the restaurant and its history. Help the reader to understand your passion for food. Let them know about the experience that they can have with you. Keep the text short.
- Contact us: Let the reader know your location and how they can get in touch. Add social media links to make it easier contact you. Here you could also include a “book table” call to action.

Proposed System:

The features and functionalities that the website will offer. Common features for a restaurant website include:

Menu display with images and descriptions.

Online ordering and delivery options.

Reservation and booking system.

User account and profile management.

Customer reviews and ratings.

Contact information and location maps.

Integration with social media platforms.

Features:

Some of the key features or functionalities of our food restaurant website are:

Online ordering: This feature allows customers to order food online.

Reservation system: This feature allows customers to book tables online and receive confirmation notifications. It can help the restaurant manage its capacity and reduce waiting time for customers.

Menu presentation: This feature displays the restaurant's menu in an attractive and informative way. It can include descriptions, images, prices, and promotions of the dishes. It can help customers decide what to order and entice them to try new items.

Customer reviews and ratings: This feature integrates with review platforms like Yelp or has an internal review system. It allows customers to share their feedback and ratings on the restaurant's food and service. It can help the restaurant improve its quality and reputation.

Implementation Plan:

Phase 1: Design and Planning (1 week)

- Define the project requirements and specifications
- Design the user interface
- Create a project plan

Phase 2: Development (2 week)

- Develop the web application using HTML, CSS
- Implement the JavaScript integration
- Test the website for functionality

Phase 3: Deployment and Testing (3 week)

- Deploy the website to a web server
- Conduct user testing to identify any issues
- Fix any bugs or errors that are found

Team Members:

Shivendra Singh - (Designing & Representative)

Tanishka Agrawal - (Backend Developer)

Rohit Kumar - (Frontend Developer)

Yash Sharma - (Frontend Developer)

Resources Required:

- Hardware: A computer or laptop with a reliable internet connection.

- Software: A text editor like Notepad++, Sublime Text, or Visual Studio Code to write HTML, CSS, and JavaScript code. You can also use a website builder like Wix, Squarespace, or WordPress to create a website without coding.

You can also use online resources like W3Schools to learn HTML, CSS, and JavaScript. They offer free tutorials and examples to help you get started.

References:

- Research paper: [Journal of Scientific Research & Engineering Trends Volume 3, Issue 6, Nov.-2017, ISSN \(Online\): 2395-566X \(ijsret.com\)](#)
- [How To Make a Restaurant Website \(w3schools.com\)](#)
- Reference for Website Design: [22 Restaurant Website Design Examples We Love \[+ How To Make Your Own\] \(hubspot.com\)](#)
- [Make a Beautiful Restaurant Website in Easy Steps | Website.com](#)

Expected Outcomes:

It can help customers find the restaurant easily, provide information about the restaurant's location, menu, opening times, and special offers, and increase the restaurant's visibility on search engines.

Project Supervisor:

Mr. Akash Kumar Choudhary

Conclusion:

The purpose of the wireless restaurant management system is to improve worker efficiency and to maximize profit margin of restaurant owners by providing better service. Providing prompt response to customers through use of a System and data collection by the Main Dispatcher will allow this to happen. This project proved to be a larger task than expected due to lack of manpower and late arriving parts. Certain functionality also had to be abandoned to meet time constraints. The System is not designed to replace the existing ordering systems which are at many restaurants but to complement it. Once the Restaurant Management System becomes further refined with the ideas discussed in the previous section, it will pose to be an indispensable tool.