
ONLINE FOOD ORDERING AND DELIVERY WEBSITE**Mrs. N. Revathi*¹, Ms. K. Vaishnavi*²**

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ABSTRACT

The online food ordering system offers a more convenient and efficient way for customers to place orders, overcoming the limitations of traditional queuing methods. With this system, customers can easily browse the menu online and place orders with just a few clicks, eliminating the need for long waits or phone calls. It ensures a standardized ordering process, reducing errors and miscommunications. Additionally, customer information is automatically stored electronically, making future orders quicker and more personalized. The system also allows businesses to track orders in real-time, manage customer data, and enhance food delivery services. Payments can be made either online or upon delivery, offering flexibility for customers. Overall, this system improves order accuracy, speed, and customer satisfaction.

Keywords: Online food ordering, Customer, Ordering, Tracking, Delivery System.

I. INTRODUCTION

A web-based program that encourages foodies (clients) to place online food orders is known as an online food ordering system. The Open Source platform serves as the foundation for this application. The Online Ordering System is a quick and easy way for clients to order food online without physically visiting the restaurant. This approach is made possible by the internet, which serves as a conduit between the customer and the restaurant or food firm. Thus, in accordance with this technique, the patron goes to the restaurant's website, peruses the many food products that are offered there, and then chooses and buys the items that they require. After then, the purchaser will receive these products. Thus, in accordance with this technique, the patron goes to the restaurant's website, peruses the many food products that are offered there, and then chooses and buys the items that they require. A delivery worker will then bring these things to the customer's door at the time of their choosing. Debit cards, credit cards, cash, card on delivery, or even digital wallets can be used to pay for these kinds of online orders.

OBJECTIVES

User Friendly food ordering and Delivery, Wide range of food, Fast Delivery, Improve Customer Satisfaction, Rating and Review System, Easily Generated, Less paper work.

II. REVIEW OF LITERATURE

A central aspect of online food ordering and delivery research has been understanding consumer behavior. According to **Choi et al. (2020)**, customers are increasingly motivated to use online food delivery services due to the convenience, time savings, and variety of options available. Their study revealed that younger consumers, especially millennials and Gen Z, prefer the flexibility and ease of accessing food through mobile apps. This behavior aligns with the growing trend of "on-demand" services across multiple industries.

Lee and Kim (2018) explored how user experience on food delivery platforms impacts consumer satisfaction. The research highlighted that the website/app interface, ease of use, and personalization significantly influenced customer loyalty. This supports the idea that online platforms must focus on user-friendly designs and efficient navigation to enhance the customer experience.

He et al. (2021) analyzed the impact of social media on consumer decision-making, noting that reviews and ratings from other users play a critical role in shaping food choices. Positive reviews often lead to increased trust in the platform, which can significantly impact the success of a food delivery service.

III. STATEMENT OF PROBLEM

The food ordering and delivery industry faces several challenges, including inefficient delivery logistics, poor customer experience, and high operational costs. Delayed deliveries, lack of personalization, and technical

issues (e.g., slow websites or apps) hinder user satisfaction and retention. Additionally, the industry's environmental impact, such as packaging waste and carbon emissions, raises consumer concerns. This study aims to identify key pain points in customer experience, evaluate current technological solutions, and propose strategies to enhance efficiency, satisfaction, and sustainability in food delivery platforms.

IV. METHODOLOGY

Data Collection: Customer surveys and interviews with stakeholders (users, restaurants, delivery drivers) to gather insights on satisfaction and challenges.

Platform Design: UI/UX design for a user-friendly interface.

System Implementation: Order management system for efficient order processing, Delivery logistics system integrated with GPS tracking for real-time delivery updates, Secure payment gateway integration for transactions.

Testing: Usability testing to refine user experience, Performance testing to ensure the platform can handle high traffic.

Data Analysis: Analyze customer satisfaction, delivery efficiency, and behavior patterns using statistical tools.

Recommendations: Suggest improvements based on findings, such as optimized delivery logistics or user interface adjustments, Explore sustainable practices, such as eco-friendly packaging and electric vehicle deliveries.

V. MODULE DESCRIPTION

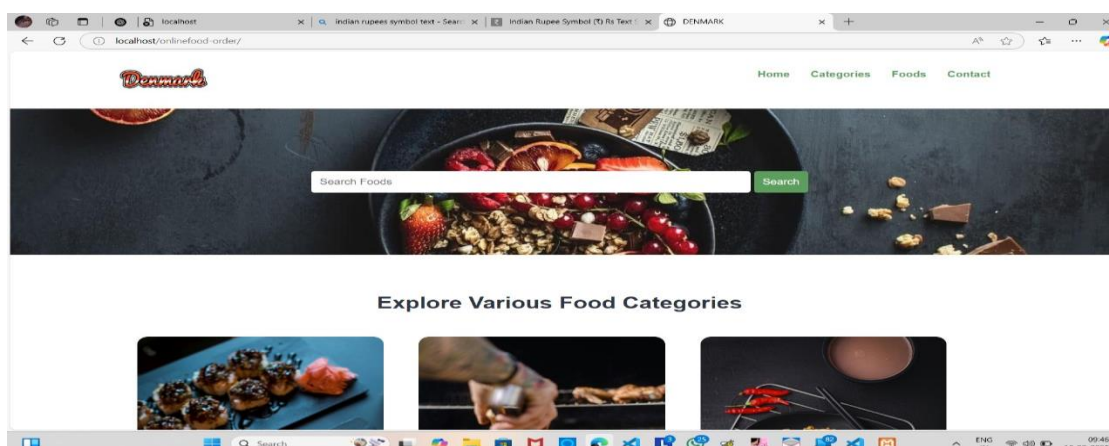
ADMIN MODULE: The **Admin Module** of an online food ordering and delivery website allows administrators to manage restaurant listings, update menus, monitor real-time orders, and assign delivery tasks. It provides tools for managing payments, generating financial reports, and tracking delivery personnel. The module also offers a dashboard with key metrics for decision-making, manages promotions, and addresses customer service issues, ensuring efficient platform operations and enhanced user experience.

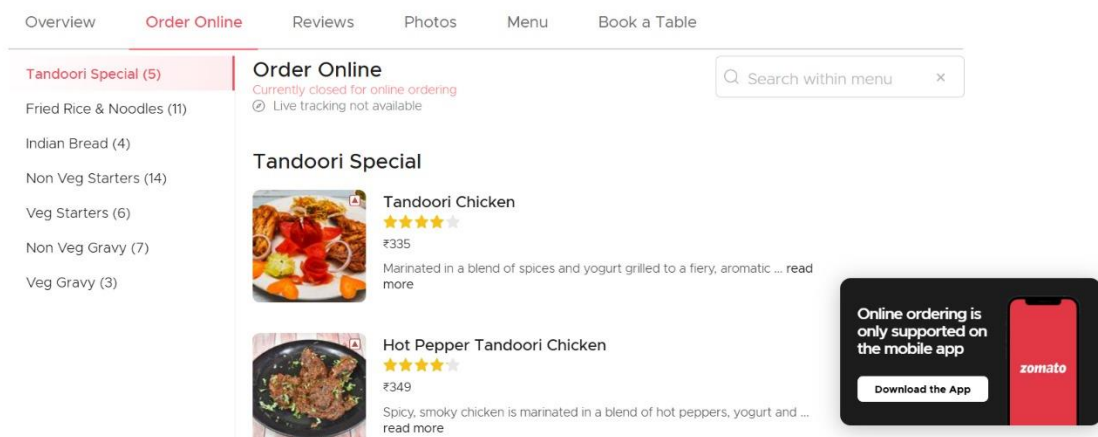
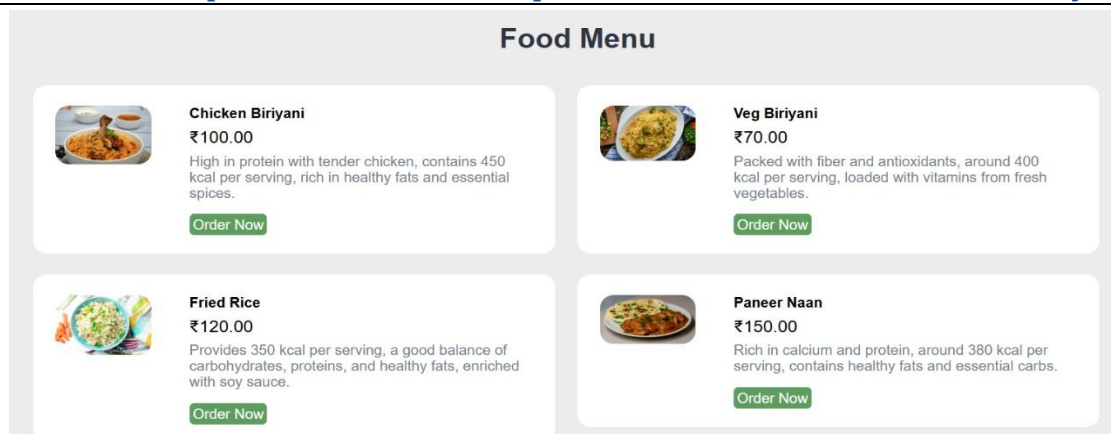
CUSTOMER MODULE: The **Customer Module** allows users to browse menus, place orders, track deliveries, and manage profiles. It supports secure payments, personalized recommendations, and order tracking. Customers can also rate restaurants, leave reviews, and contact support for assistance, ensuring a smooth and convenient experience.

USER MODULE: The **User Module** enables users to register, log in, and manage their profiles on the food ordering platform. It allows them to browse restaurant menus, place orders, save favorites, and view order history. Users can update personal information, track order status, and make secure payments. The module ensures a personalized and seamless experience by offering recommendations based on past preferences and providing easy access to customer support.

VI. SCREEN LAYOUT

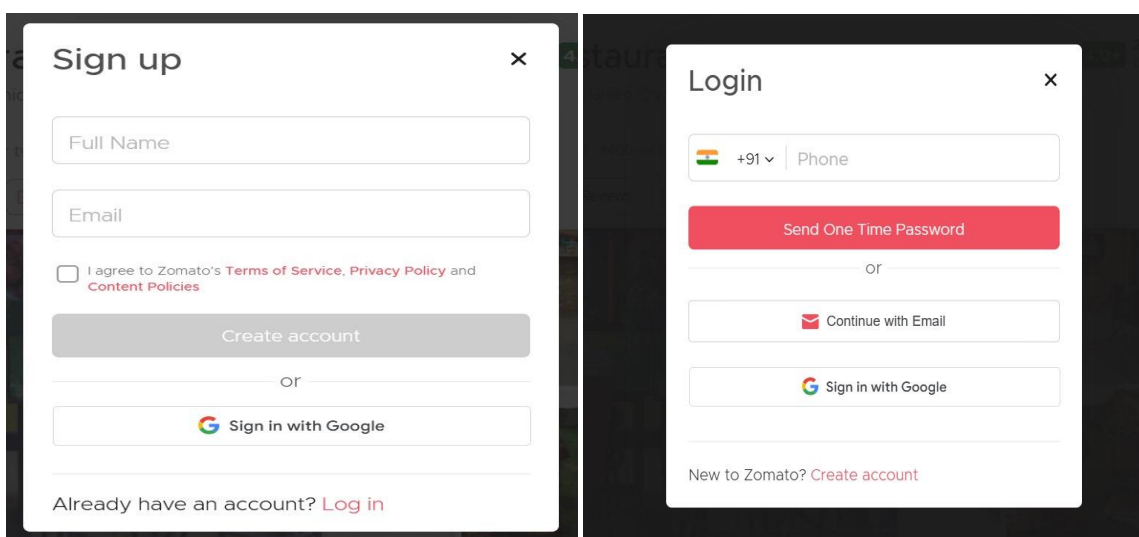
HOME PAGE





ADMIN LOGIN

SIGN IN PAGE



VII. CONCLUSION

In conclusion, a website that allows customers to purchase and have their meals delivered online is a strong tool that benefits both businesses and customers by offering convenience, variety, and efficiency. These platforms transform the food ordering experience by incorporating essential elements like user-friendly navigation, customized menus, safe payment methods, real-time order tracking, and customer service. Customers may choose from a variety of restaurants and cuisines, personalize their orders, and have their meal delivered right to their door all from the comfort of their own homes. These systems give restaurants a new way to manage orders, attract a larger clientele, and boost revenue.

VIII. REFERENCES

- [1] Ramakrishnan, R., &Gehrke, J. (2011). Database management systems. Boston: McGraw-Hill.
- [2] Database systems concepts. Estados Unidos: McGraw-Hill Companies, Inc.
- [3] Hanna P. (2002): JSP 2.0 The Complete Reference, Second Edition McGraw Hill Education.
- [4] <https://www.phptpoint.com>
- [5] <http://stackoverflow.com>
- [6] <https://getbootstrap.com>
- [7] www.codeproject.com
- [8] www.tutorialspoint.com