

# Hotel Management: Online Table Booking and Ordering System

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**Abstract:** The rapid advancement of technology has transformed the way businesses operate, particularly in the hospitality sector. This capstone project presents an Online Table Booking and Ordering System designed to enhance the dining experience for customers while streamlining operations for restaurants. The system integrates a user-friendly web interface that allows customers to easily reserve tables and place orders in advance, minimizing wait times and improving service efficiency. The project employs a robust backend database to manage restaurant information, table availability, and customer orders, ensuring real-time updates and seamless interactions. Features such as user authentication, menu browsing, and order customization empower customers to make informed choices and cater to their preferences. Additionally, restaurant managers can utilize an administrative dashboard to monitor bookings, manage inventory, and analyze customer data for improved decision making. By implementing this system, restaurants can optimize their operations, reduce the likelihood of overbooking, and enhance customer satisfaction. The project not only addresses the challenges faced by traditional dining establishments but also adapts to the evolving expectations of tech-savvy consumers. Ultimately, the Online Table Booking and Ordering System serves as a comprehensive solution that bridges the gap between customers and restaurants, fostering a more efficient and enjoyable dining experience.

**Keywords:** restaurant managers

