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Smart Food Ordering System for Restaurants - Order Up

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Abstract: *The quality of a restaurant and its food in today's food industry is heavily influenced by customer feedback. As a result, restaurants pay close attention to customer satisfaction in order to maintain their reputation. A key factor in evaluating customer happiness is the ability to provide efficient services while maintaining a high level of quality. In traditional restaurant ordering systems, the waiter takes the order after the customer selects an item from the menu, which can be time-consuming and require a lot of staff to manage. To address these issues, a new ordering system has been developed that provides personalized menus based on the customer's preferences. The menu is displayed on the customer's device, eliminating the need to wait for the waiter to take the order. The order is sent directly to the chef's display via wireless connectivity, improving service effectiveness and efficiency. This approach makes the restaurant more appealing to a broad spectrum of customers and offers numerous benefits such as excellent usability, time savings, portability, a reduction in human error, adaptability, and customer feedback. The interactive ordering system, known as E-menu, provides new digital menus for customers. The goal of this project, called "ORDER UP," is to integrate all touch points, share information, speed up processes, and personalize experiences for customers.*

Keywords: Smart Food Ordering, Web Development, Restaurant Management, E-Menu

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