

Online Food Delivery System

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Abstract

Our proposed system is an online food ordering system that enables ease for the customers. It overcomes the disadvantage of the traditional queueing system. Our proposed system is a medium to order online food hassle free from restaurants as well as the mess service. This system improves the process of taking an order from the customer. The online food delivery system sets up a food menu online and customers can easily place an order as per their wish. The payment can be made online. For more secure ordering, separate accounts are maintained for each user, by providing them with a username and password.

Description

In the proposed system, two ways to access the database have been handled, one through the user's point of view (here, the customer) and the other through the admin (here, the restaurants). There are different tables available in the database system, some of which are exclusive only to and accessible only by the admin. The customer can only view a certain table, while the admin can actually insert, or update the table values. There is a cart page, which

can be modified by the customer, however there is an orders page that can just be accessed by the restaurant. There are tables, that store the customer details, the employee details, the vehicle details, that is, which is the vehicle, that's allotted to which employee, who's taking which order. There is a table storing the payment details of the respective order.

Tools Used

In the proposed food ordering system, the tools that we have used to implement the system are :

- phpMyAdmin; to work with the back-end, database part of the website
- HTML, CSS, PHP; in order to create the front-end, and beautify it and link it to the back-end of the website

We're using a tool called materialise.css, which provides with a certain design that the front end follows, and gives all pages a uniformity, in the way they look.

Tools used for better performance

The online food delivery system could have been better designed using different frameworks, the most famous being Django. Even though the Django framework isn't as easy to implement and code as PHP, it is quite faster as it uses Python, which is a very easy to read and implement language. We could use the Django framework due to its versatility and model view template framework. Along with the implementation of database, it would also have beautified the user interface to a great extent.