**Project: Food Ordering System**

**Introduction:**

The aim of the project was to build a responsive online application for restaurants which helps customers to order foods online. Along with this, the application needs to be responsive as the application can be accessed through devices with different sizes of screens. Customers trust the quality and are attracted to order online when they see the reviews and likes of their friends and relatives who used the service earlier. To address this functionalities, a deep research has been made on the earlier works for automating the food ordering processes.We will be using php, python frameworks to develop the backend of the system and html, javascript, css framework for developing the responsive frontend.

**Motivation:**

The online food ordering system sets up a food menu online and customers can easily place the order as per they like without wasting their time in long waiting lines and traffic. Also, the online customers can easily track their orders. The management maintains the customer's database, and improves food delivery service. This system also provides a feedback system in which users can rate the food items. Also, the proposed system can recommend hotels, food, based on the ratings given by the user, the hotel staff will be informed of the improvements requests along with the quality review. The payment can be made online or by cash or pay-on-delivery system. For more secure ordering separate accounts are maintained for each user by providing them an ID and a password.

**Objective:**

The main objective of the Online Food Ordering System is to manage the details of Item Category, Food, Delivery, Address, Order. It manages all the information about Item Category, Customer, orders, Item Category. The project is totally built at the administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the item Category, Food, Customer, Delivery Address. It tracks all the details about the Delivery Address, Orders.

**Methodology:**

The simulation first starts with the customer entering his/her credentials (name/ID and password). Once that has been verified, a home page is presented in which customers can explore food items and can place orders specifying the quantity of the food required. Now we get a window that displays the order number, customer ID, food name, price and quantity. Once the customer finalizes his/her order, they are redirected to the payment window where the total price is displayed and the customer can select the payment method of their choice and then the customer gets a message of confirmation of order. The above mentioned simulation flow is with respect to the customer's point of view. Now if you are an admin, you can select the normal login option and enter the admin credentials (email ID and password). Once you enter the admin portal, you get the option of adding food, deleting food or updating food. Any option of choice leads you to the food menu. Once the selected operation is carried out, the end result, i.e, the added food or the updated food list is displayed and if you have deleted a food, that particular food disappears from the main menu

**Team Members:**

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**Roles:**

Samprathi, Niharika : Front end(html, java script, css) coders

Keshav, Ketan, Prasanth: Back end(python(Django) , node.js, php) coders

Arnav: Documentee, elicitation of requirements

**Modules:**

HTML

CSS

JAVASCRIPT: Node.js

PYTHON: Django

Php

SQL