FoodTime

CATEGORY: Web Application

PURPOSE:
The purpose of developing this is to allow the end-users to go through the dishes available at the nearby restaurants present in the institute, place their orders and get them delivered according to their convenience.

SCOPE:
It will enable end-users to order food online and get it delivered, thus reducing long queues of customers at the counter and also reducing the workload of the employees at the nearby restaurants.
These food stalls will be able to update their menu and rates of the available foods also.
Improved and efficient services are provided to the customers by the inclusion of the internet in the business.

INTRODUCTION:
Introduction contain the following sub categories:

Existing System:
The present system is a manual system or a semi-automated system. In the existing system, restaurants are based on pen-paper records of the orders placed, cash payment and long queues of the end-user at the counter.

Disadvantages of the existing system
➢ Customers need to physically go to the nearby restaurants to place their orders.
➢ Restaurants can be crowded at times due to which the customers may face long queues to place orders.
➢ Crowded restaurants can be tedious for the employees to manage.
➢ Customers need to wait at the restaurants while the food gets prepared.

Proposed System:
Our system aims to give the customers a better experience as compared to the existing system because of various privileges it provides. The system after careful analysis has been identified to be presented with the following modules:

❖ Restaurants registration:
Restaurants are registered on the portal over which they can display their food menu and other related information.
❖ Authentication:
At the time of registration of the restaurants, Username and Password will be used further to login to the portal.

❖ Easy access to Customers:
Customers will get easy access to the available restaurants and their menu in the institute Campus.
❖ Online ordering system:
Customers can order their food online without any need of physical visit to the restaurants.

FUNCTIONAL REQUIREMENTS:
Functional requirements of our system are explained below:
❖ Registration: Application provides a link for the Users/Client Registration.
❖ Log In: Restaurants and Client can log in by entering username and password and manage their work on a website.
❖ Save information: Client enters all its necessary information by filling a personal info form and system save
that information.
❖ Change requirements:Customers can change any of their information any time.
❖ Food Menu: Restaurants can insert, update and delete the food items from the menu list.
❖ Modify the Menu: Restaurants can add or remove the different dishes.
❖ Show Order Status: Customer can check the status of his/her placed order.
❖ View Orders:Restaurants can view the placed order and delivered orders.

NON FUNCTIONAL REQUIREMENTS:
❖ Efficient : In case of clashes of order, it places order in the queue on the basis of order time.
❖ Safety: Data in the database of the system should not be lost or damaged.
❖ Privacy:Personal data of the system should not be disclosed to anyone.
❖ Security: Secure access of confidential data (customer information).

SOFTWARE TOOLS:
Database Server: MongoDB
Client: Any web browser
Library / Framework: Node.js, Express.js, React.js
Development Tools: VSCode
Programming Language: JavaScript

DEPLOYMENT:
Operating System Server: Windows 10, Linux, UNIX

HARDWARE SPECIFICATION:
Processor: Intel Core i3 and above
RAM: 4GB
Hard Disk: 500 GB