

ONLINE FOOD ORDERING SERVICES

Problem: In traditional food ordering services problems associated are:

- For placing any orders customers have to visit hotels or restaurants to know about food items and then place order and pay. Time and manual work is required in this method.
- While placing an order over the phone, customer lacks the physical copy of the menu item, thus limiting the choices.
- Certain employees are needed to be assigned to take the order over phone or in person, thus increasing labor cost.

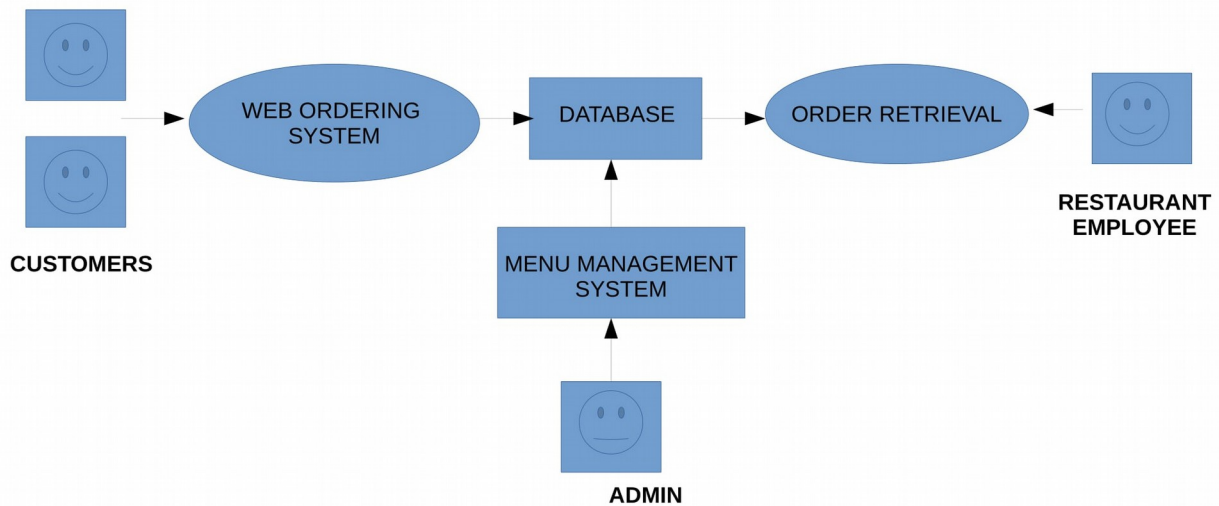
Vision:

- Online Food Ordering sytem proposed here greatly simplifies the ordering process for both the customers and the restaurants.
- System presents an interactive and up-to-date menu with all the available options in an easy-to-use manner.
- Customer can choose one or more items to place an order and include it to his cart. Customer can view all the order details before checking out.
- At the end, customer gets order confirmation details. Once the order is placed, it is entered in the database and retrieved in pretty much real time.

Benefits:

- This will minimize the number of employees at the back of the counter.
- The system will help reduce the labor cost involved.
- The system will be less probable to make mistake since it's a machine.
- This will avoid long queues at the counter due to the speed of execution and number of optimum screens to accomodate the maximum throughput.

Technical Overview:



1. Web Ordering System- It provides following functionalities:

- Create an account.
- Manage accounts.
- Log in to the system.
- Navigate the restaurant menu.
- Select an item from the menu.
- Add an item to their current order.
- Remove item(s) from their current order.
- Provide payment details.
- Place an order.

2. Menu Management System- It provides following functionalities:

- Add/update/delete food category to/from the menu.
- Add/update/delete food item to/from the menu.
- Update price for a given food item.

3. Order Retrieval System-

- Retrieve new orders from the database.
- Display the order in a readable format.

Implementation:

- Operating System: Ubuntu 16.04
- Framework: MEAN Stack
- Language: JavaScript
- Technology: Angular.js, Node.js, Express.js
- Database: MongoDB