

# ***Software Requirements Specification***

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**Document ID:** ASP-CMS-SRS.doc

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**Version:** 0.2

**Date:** November 8, 2022

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## **ONLINE FOOD ORDERING MANAGEMENT SYSTEM**

### **Abstract:**

An Online Food Ordering System is proposed here which simplifies the food ordering process. The proposed system shows a user interface and updates the menu with all available options so that it eases the customer work. Customers can choose more than one item to make an order and can view order details before logging off. The order confirmation is sent to the customer. The order is placed in the queue and updated in the database and returned in real time. This system assists the staff to go through the orders in real time and process it efficiently with minimal errors.

### **Existing System:**

In the present scenario, people have to physically visit the hotels or restaurants for eating food and have to make payments through cash mode most of the time due to unawareness of advanced technologies at certain places. In this method time as well as physical work is required, among which time is something that no one has in ample amounts.

The traditional food ordering procedure is not efficient enough for hotels and restaurants, as they have to deal with the crowd in their restaurant. The old methods can be classified into categories which are paper grounded and verbal grounded. For paper-based work, the waiter comes and pens down foods that customers order and passes the food list containing paper to the chefs or cooks in the kitchen for further processing.

Also, from the owner's point of view, maintaining data records and the accounts in the physical file are cumbersome and tedious work to do. And also, it is full of risk as anyone can access it and modify the data.

### **Proposed System:**

This system has a bunch of benefits from various points of view. This online application enables the end-users to register to the system online, select the food items of their choice from the menu list, and order food online. Also, the payment can be made through online mode or at the time of home delivery depending upon the customer's choice and convenience.



The selection made by the customers will be available to the hotel reception or to the person handling the work assignment. Now this same person will assign the orders to the specialist chef to be completed within a fixed duration of time. As soon as the chef prepares the food, the later person forwards the parcels to the delivery persons assigned with the location and customer identity of the customer along with the bill status.

## **Module descriptions:**

### **Head module**

This module is utilized to make usernames and passwords by the administrator. The administrator can see all the data about the client or erase or alter all insights about the director and client.

### **Customer Module**

This functionality gave:

- View item's rundown
- Register
- Place orders

### **Manager Module**

- Create item classes and functionalities,
- Edit/erase item classes and portrayals,
- View and oversee requests and deals report

### **Meal delivery module**

- Functionalities gave:

View pending requests and conveyance points of interest



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- Confirm arrange conveyance

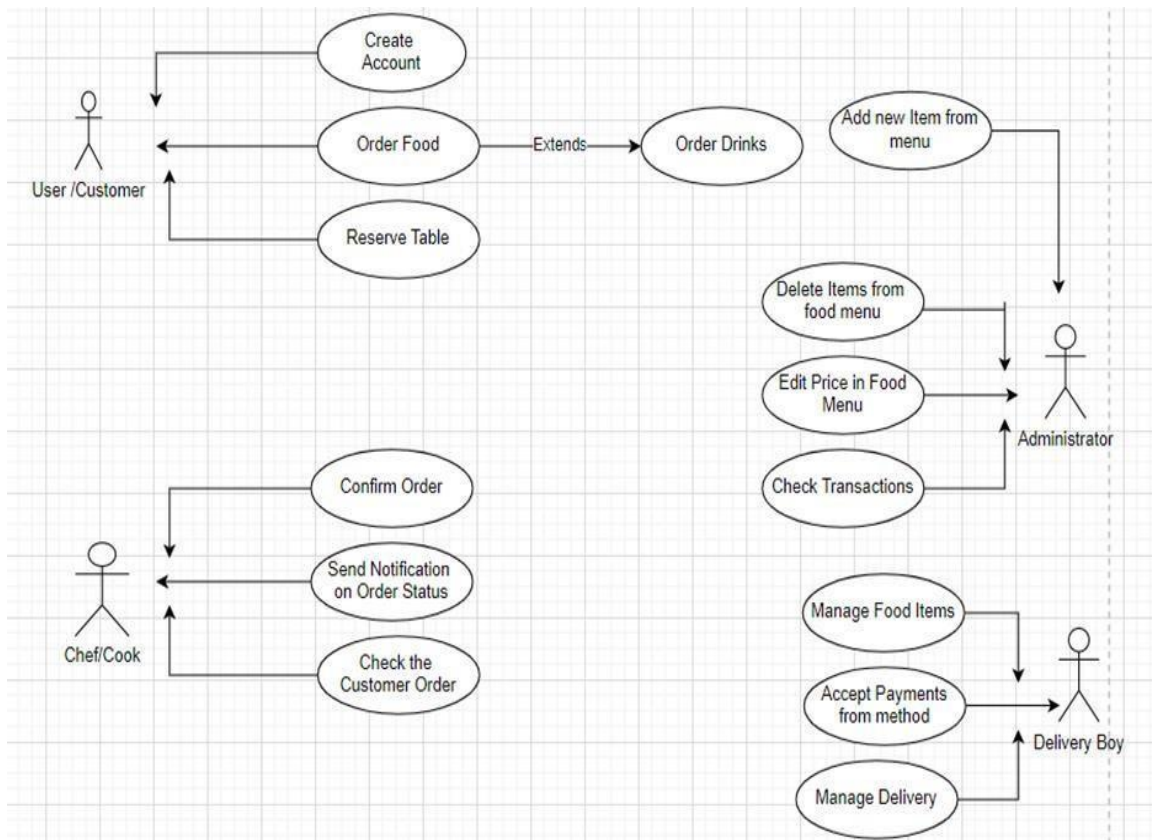
### **Functional Requirements**

- For functional requirements they need a good system or mobile phone
- Both should have a minimum Ram of 2GB
- Storage space of 64 GB
- For Operating system it should have a Windows 7 Operating System

### **Non-Functional Requirements**

- A good coordination between the employee
- Time management of employees which means they have to deliver the order within the respective time which they mentioned.
- The employee has to check the product availability and want to report to the administrator
- They have to track the price of the products.

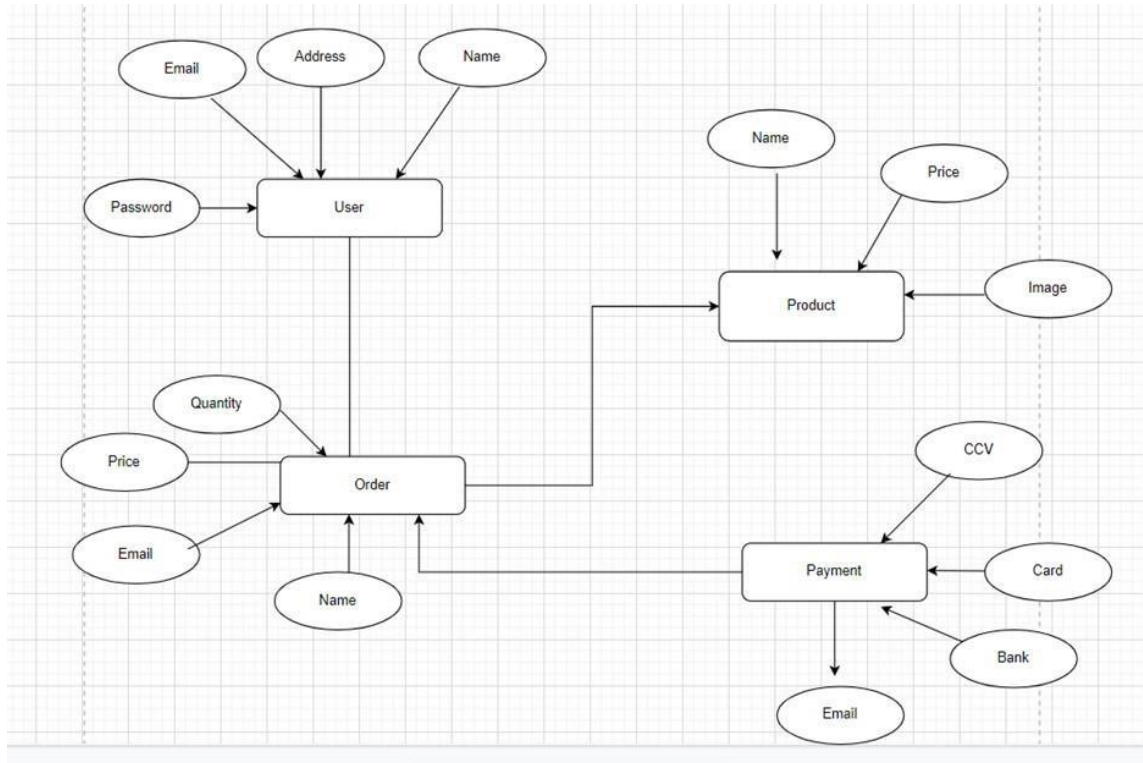
## Use case diagram:



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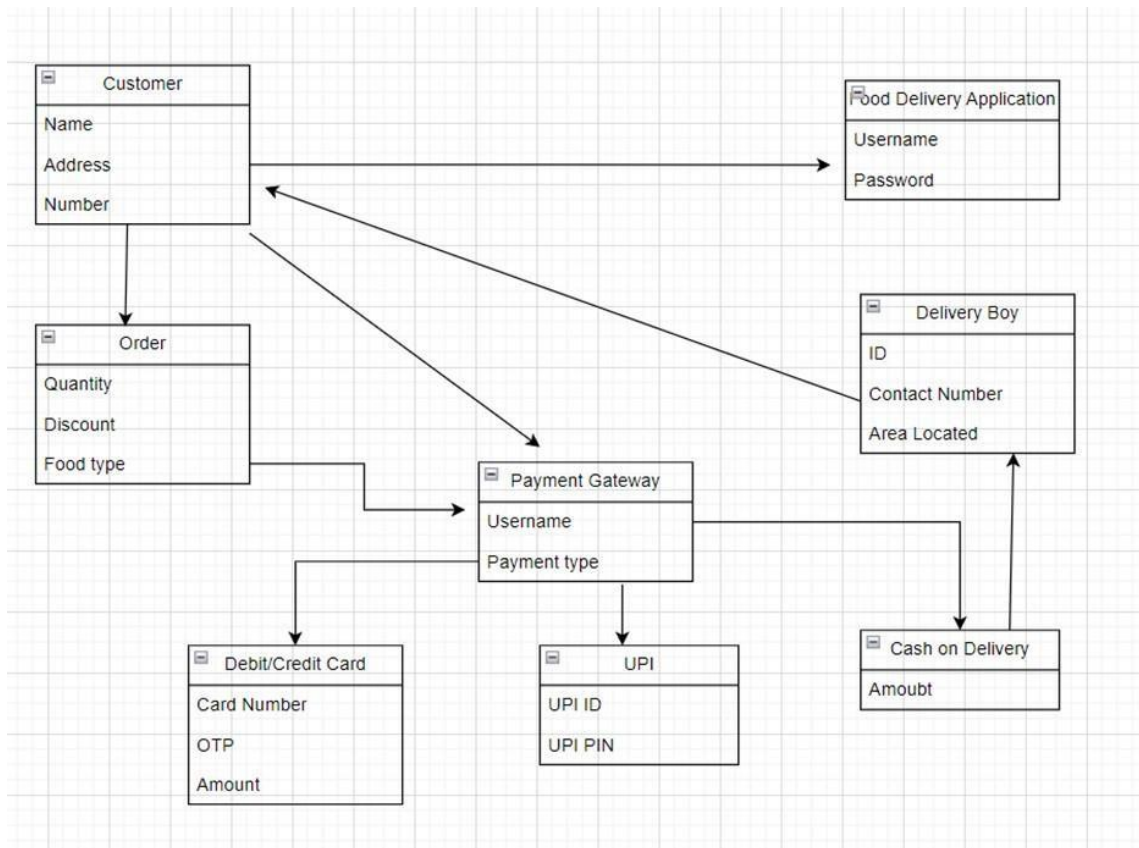
## ER Diagram:



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## Class Diagram:

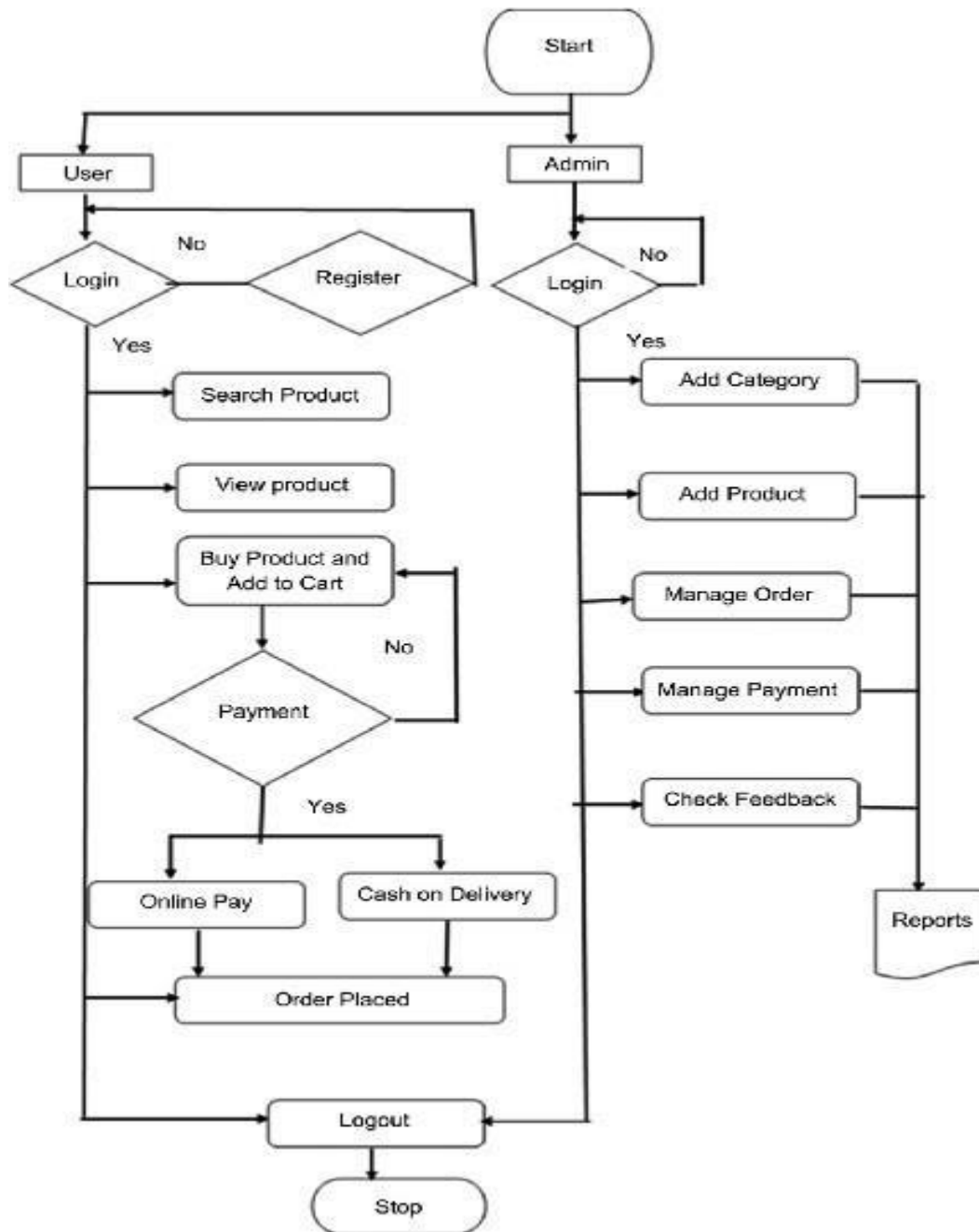


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## Flow chart diagram:



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