Software Requirements Specification

ONLINE FOOD ORDER MANAGEMENT

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1.Abstract

In day-to-day life, online food ordering systems are in peak position in their business. From past two-three years we facing covid-19 disease. In those days we can't able to buy our basic needs like groceries, food items, electronics items, medicines, etc. in that situation the online websites are get booming and their profit rates hit the peak. After that kind of situation people are like to order the food itself. So, the online food ordering websites like Zomato, swiggy, some other domestic food websites are also introduced. Now in India the two major food ordering websites/applications are Zomato, swiggy. So, I have some interest to build a online food ordering website and I named it as FOOD COURT. In my website I try to build all the options which is mandatory to order the food. I have some new ideas to develop the website to satisfy the customer. I try to attract the customers by my web designing process and then the variety of food items and their qualities. Then I have a idea to build the feedback section for the customer's needs. I used that feedback for identify my mistake and try to corrected that. In my website I try to install all the restaurants food menu cards and then discounts. Then customer easily find their nearby hotels or their favorite hotels by the use mapping system. Each and every have their separate account to manage their orders by the way of create a account in my website through mobile number or any email id. After signup process the nearby hotels are shown in first template. Customer are choosing their favorite hotels first then start to order the food items which they want. Then there is an option to save their favorite dish and favorite hotels by the use of favorite option. After ordered the food it stored in the option my orders and the bill is stored in delivery section. After received the food customer need to share their feedback if it is positive or negative. This is small intro of my web page.

2.Module Descriptions

- **Customer account module**: Registered Customer can only see the hotels and food items to order. In the sign-up Customer need to give their name, phone number, E-mail id, password etc.

- **Order module**: The customer can select the items and put it into a cart and as soon as he clicks on finish, the total amount to be paid is displayed. View cart screen shows all the selected items, here quantity as to be entered. And also option is provided to deselect the products. The customer can pay cash on delivery or else he can pay by entering his credit card number and address to which the items have to be shipped. The system generates bill after making payment.

- **Payment module**: Here the customer can see the payment options available to him. When customer clicks the "Order" link, it will go straight to the "Paid" orders.

- **Feedback module**: Here customer can track his order details and reports of the orders placed by him in the past. The administrator can view the order details and order reports of all the customers.

- **Admin Module**: This module is used by the administrator. Admin has full authority of the website who will monitor complete features of the website.

- Items module: In items module, customer can make purchase the items in just a few mouse clicks. The customer can choose the required groceries and place an order for products.

- **Customer Detail Module:** this module contains all the details of each customer like personal details, payment details, order details, feedback details etc.

- **Hotel Detail Module:** this module contains all the details of each hotel like hotel details, food details, order details, feedback details etc.

- **Category module**: In category module, admin can add categories based on the items. Customer can view the items based on category.

- **Sub-category module**: In sub-category module, admin can add sub categories based category added in the category module. Customer can view the items based on category and sub-category.

3.Functional Requirements

1)GENERAL.

- Connections between the hotel and the web server in proper manner.

- Connections between the delivery boy and the web server in proper manner.

- The payment forms the user is should be checked properly.

2)CUSTOMER.

- Customer can able login or skip the process in proper information.

- Customer can view nearby hotels.

- Customer can filter the hotels by their need.

- Customer can add their favorite food to the cart.

- Customer can remove the food from the cart.

- Customer can give rating for the food and hotel.

- Customer can add the hotel to the favorite option.

- Customer can easily choose the payment option whether it is online or cash on delivery.

- Customer can view the food location by tracker.

- Customer can able to cancel the order.

- Customer can share their current location also.

- Customer can view their history of orders by their profile.

- Customer can able to give feedback about food delivery and about the food quality.

3)ADMIN.

- Admin can able to manage users.

- Admin can able to manage providers

- Admin can able to manage accounts.

- Admin can able to manage hotel details.

- Admin can able to add promo codes/offers to the Customers.

- Admin can able to manage Delivery boy details.

- Admin can able to display top rated restaurants.

- Admin can able to display the offers for that particular restaurant.

4.Non-Functional Requirements

1)SECURITY.

- User information should be in proper security.

- Delivery boy details should be in proper security.

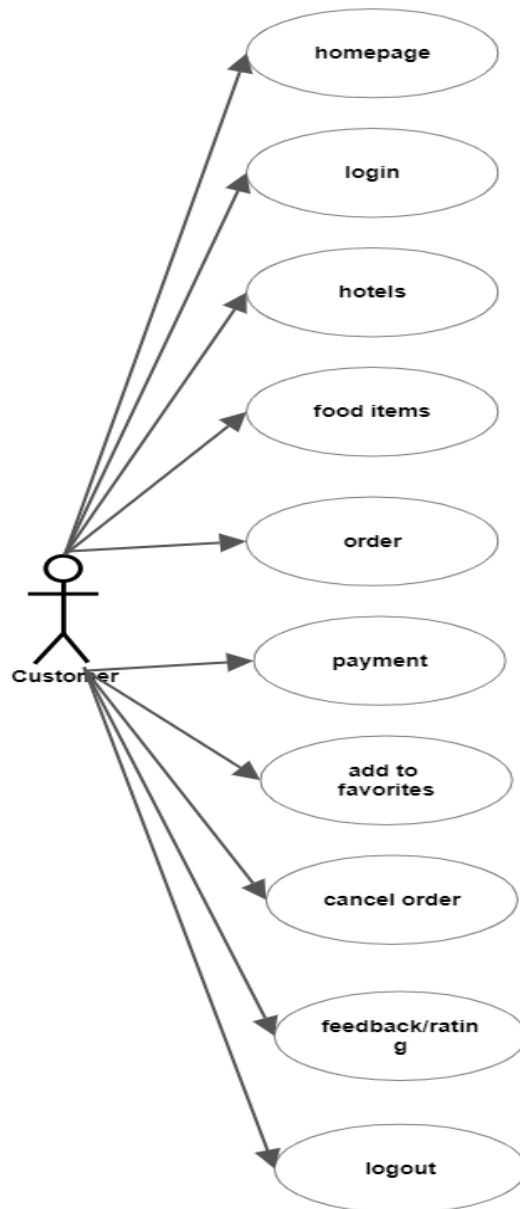- Restaurants owner details should be in proper security.
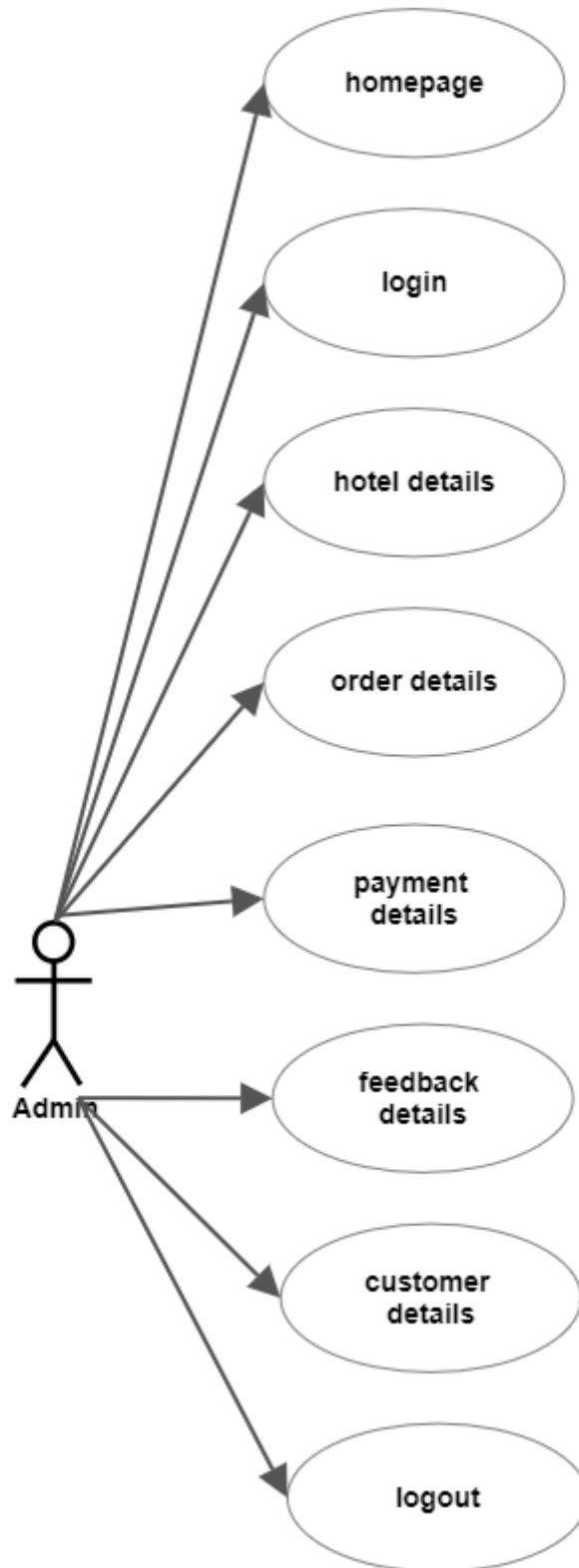
5.UML Diagram.

5.1 Use Case Diagram.

CUSTOMER SIDE

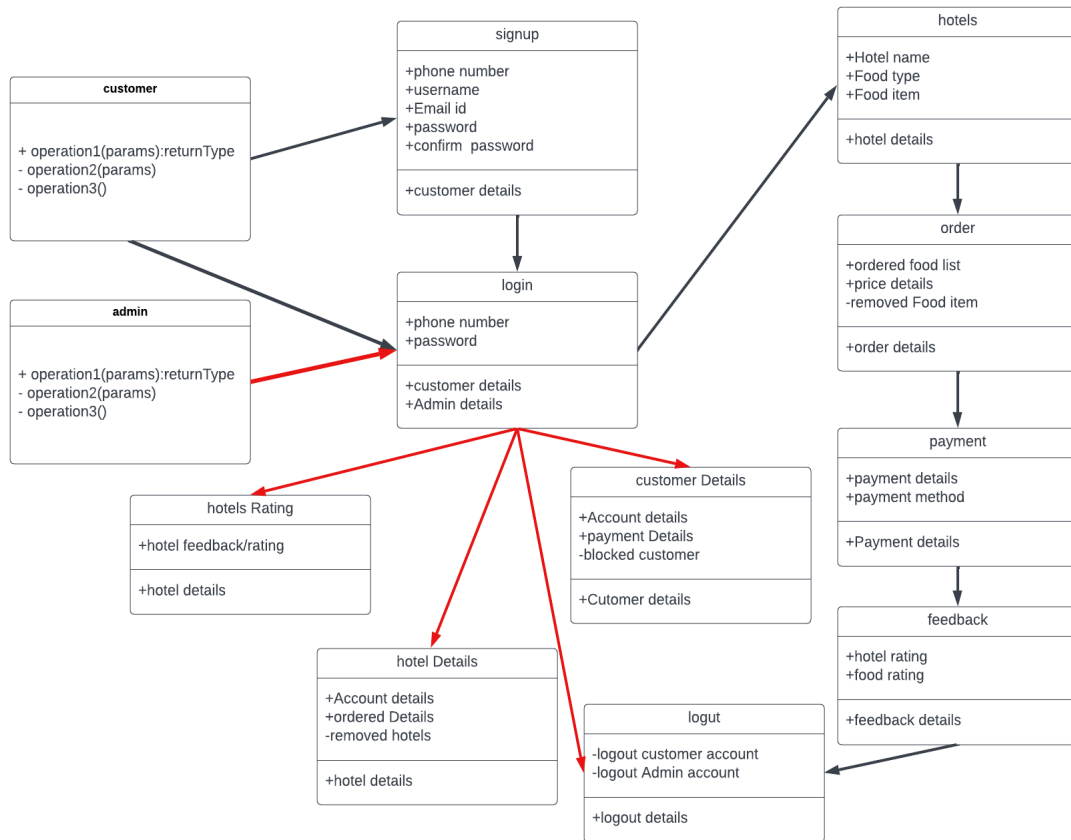**ADMIN SIDE**

5.2 Class Diagram

signup

+phone number
+username
+Email id
+password
+confirm password

+customer details

customer

+ operation1(params):returnType
- operation2(params)
- operation3()

admin

+ operation1(params):returnType
- operation2(params)
- operation3()

login

+phone number
+password

+customer details
+Admin details

hotels

+Hotel name
+Food type
+Food item

+hotel details

order

+ordered food list
+price details
-removed Food item

+order details

payment

+payment details
+payment method

+Payment details

feedback

+hotel rating
+food rating

+feedback details

hotels Rating

+hotel feedback/rating

+hotel details

customer Details

+Account details
+payment Details
-blocked customer

+Cutomer details

hotel Details

+Account details
+ordered Details
-removed hotels

+hotel details

logut

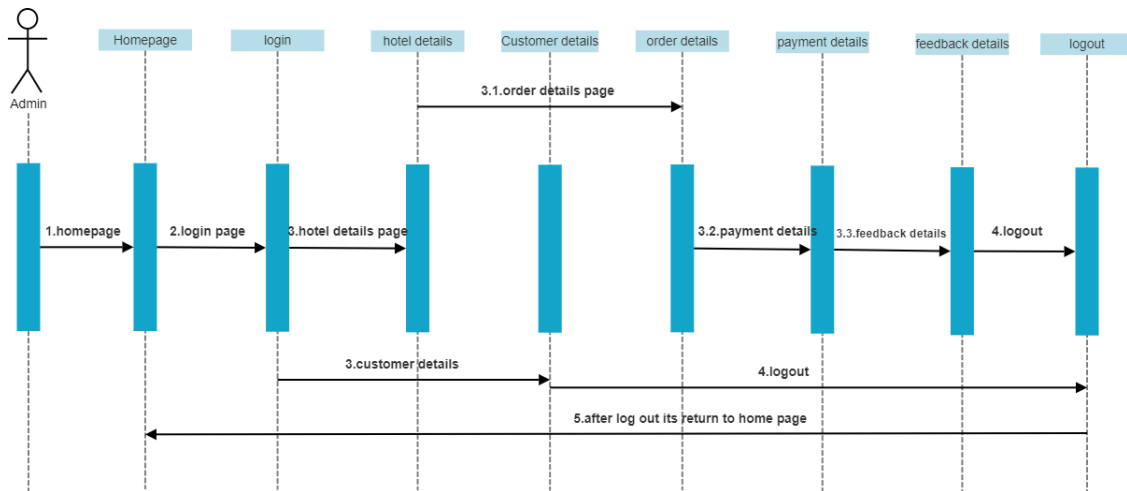-logout customer account
-logout Admin account

+logout details

5.3 Sequence Diagram

CUSTOMER SIDE
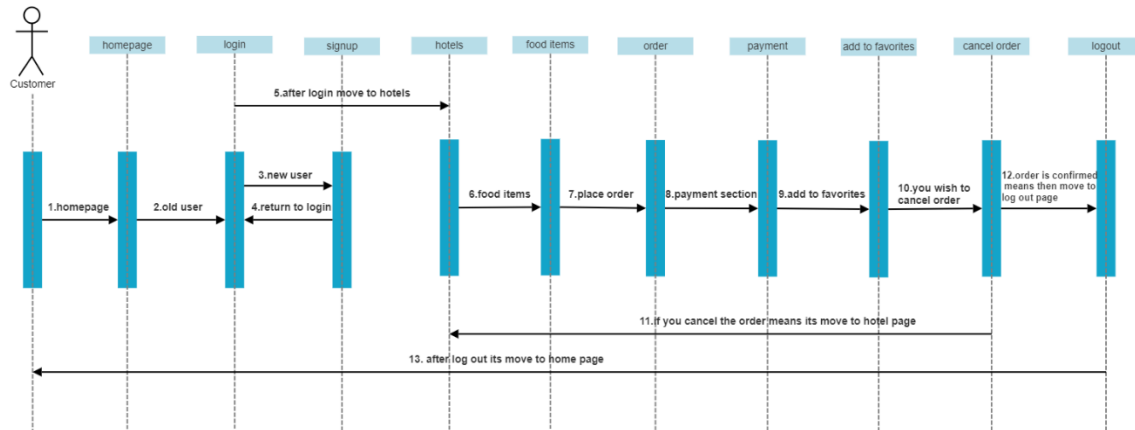
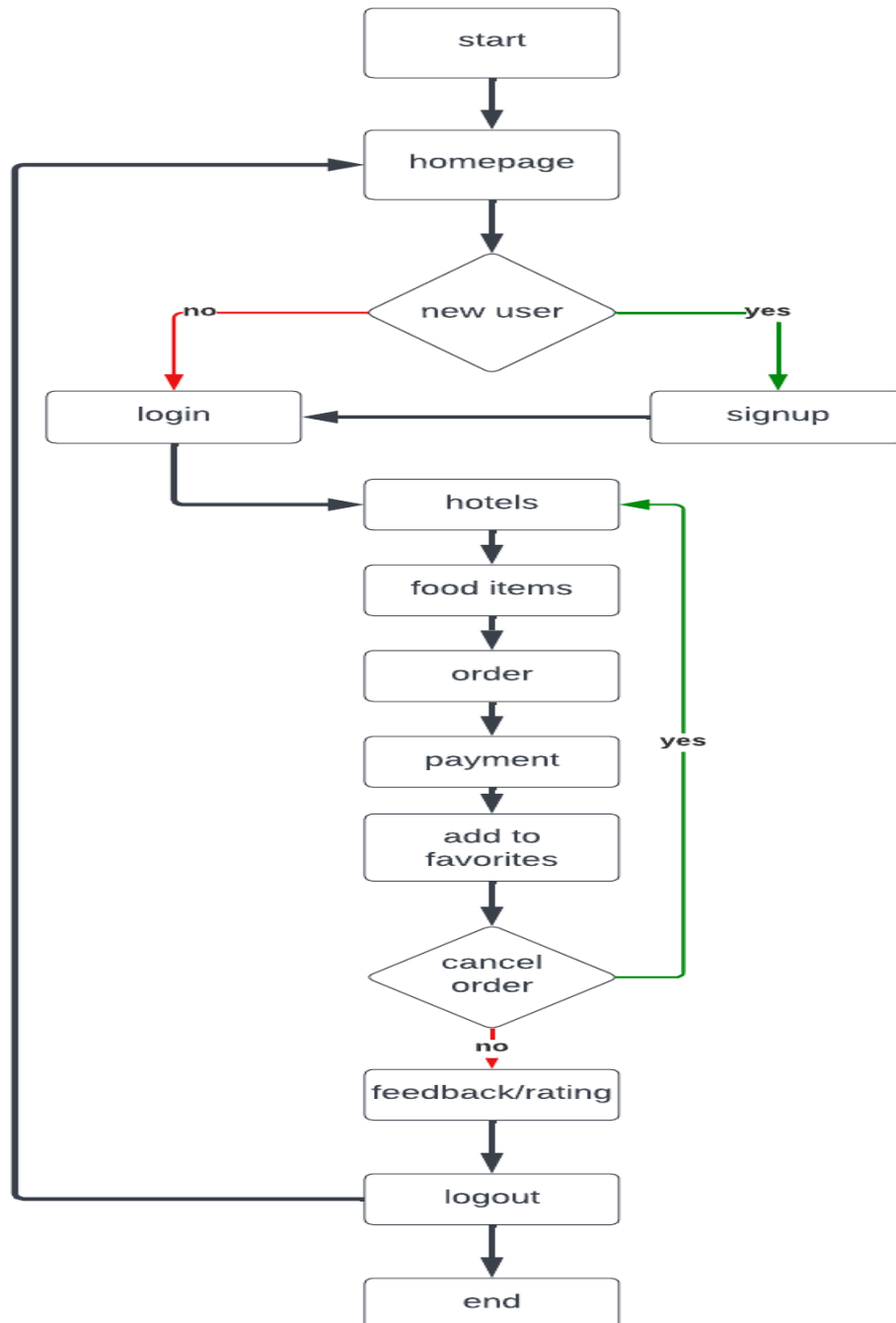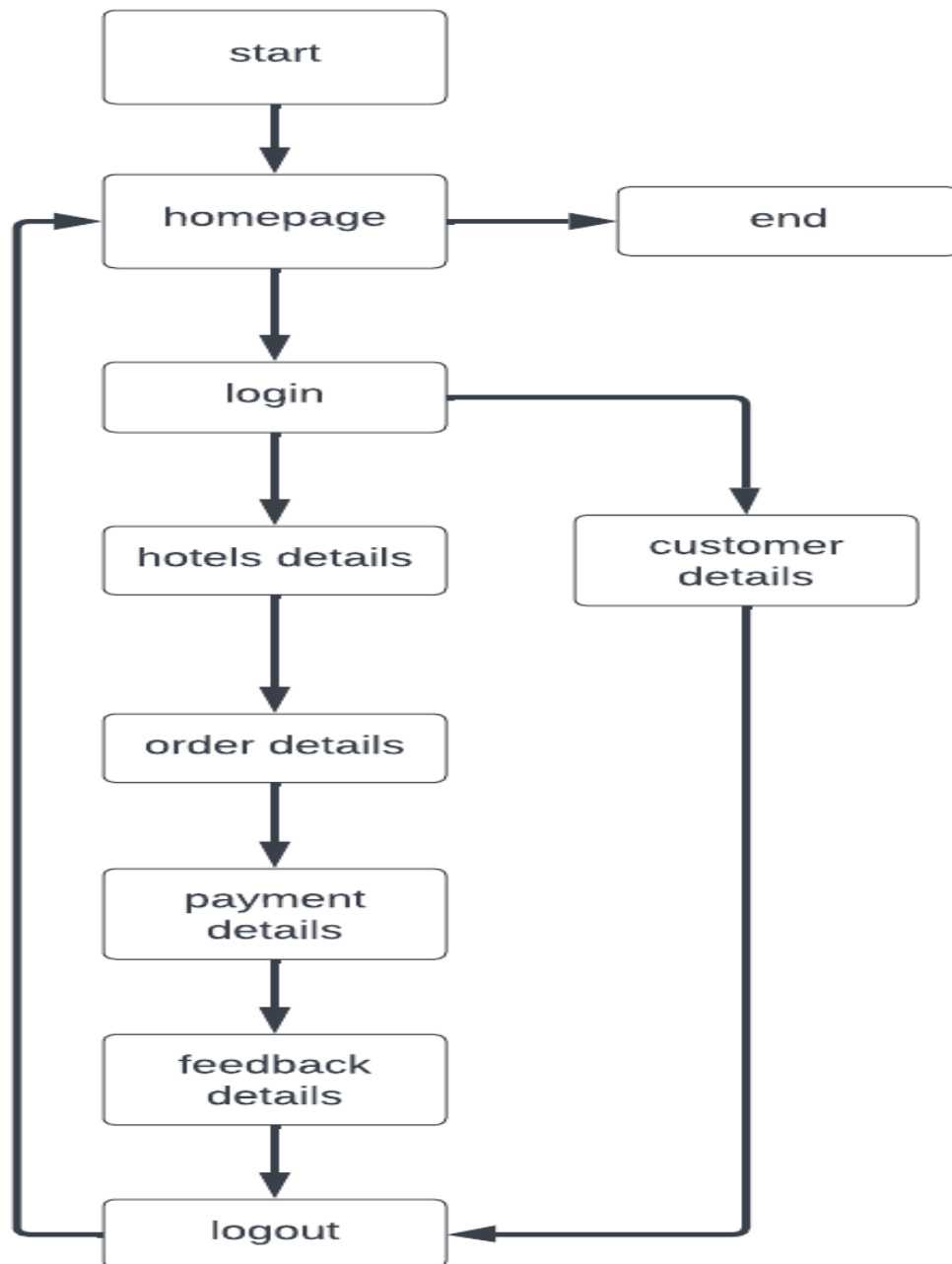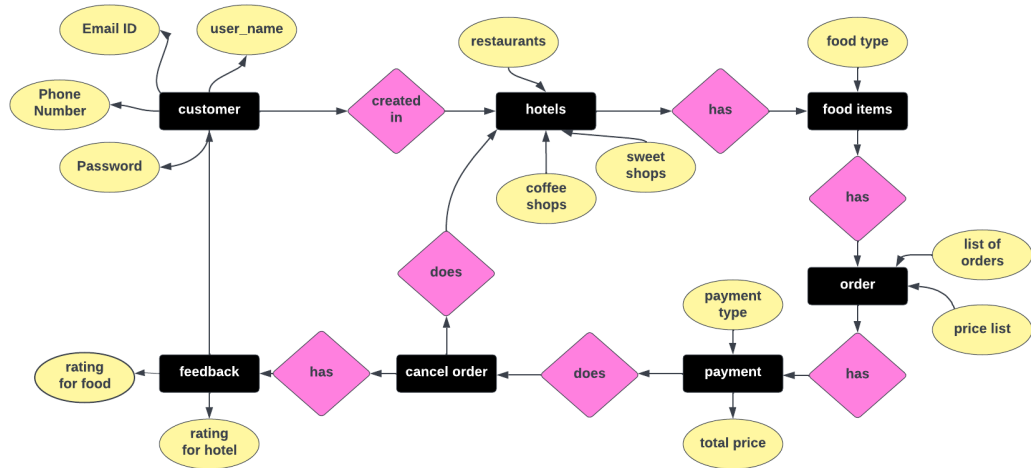**ADMIN SIDE**

5.4 Flow Chart

USER SIDE DIAGRAM

ADMIN SIDE DIAGRAM

5.5 ENTITY RELATIONSHIP DIAGRAM

CUSTOMER SIDE

ADMIN SIDE