The Restaurant App

Abstract

A Restaurant App is the proposed System which simplifies the way people order and receive food. Restaurant apps will allow restaurants to quickly and easily manage an online menu which customers can browse and use to place orders with just a few clicks. The system then relays these orders to restaurant employees.This application helps the restaurant to easily track the orders, maintain customer databases, and improve food delivery services. The user information is maintained confidential because it maintains a separate account for each user. An id and password id maintained for each user. Also the System will reduce manual work and improve efficiency of restaurants.

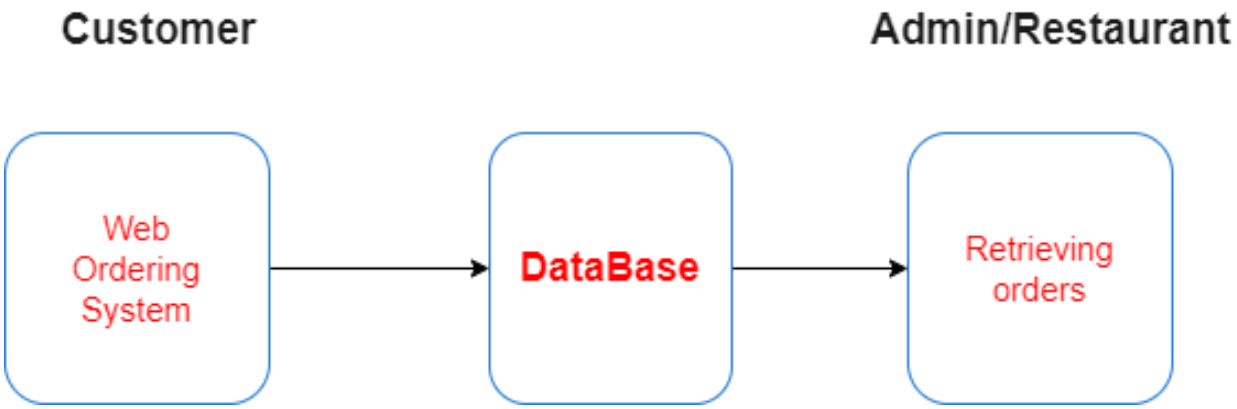
Introduction

Nowadays many restaurants have chosen to focus on quick preparation and speedy delivery of orders.In existing system for giving any orders, user should visit a restaurant to know about food items and give orders.This is manual and time consuming.The Proposed system is online application that enable the user to register online, read an interactive and up to date e-menu and select food from e-menu and then order the food online.The user can see category wise e-menu also.The order will sent to employee of restaurant and he will conform user's order by sending email to the user.The benefit of the system is user can directly place order to chef online. Users need to login with username and password.

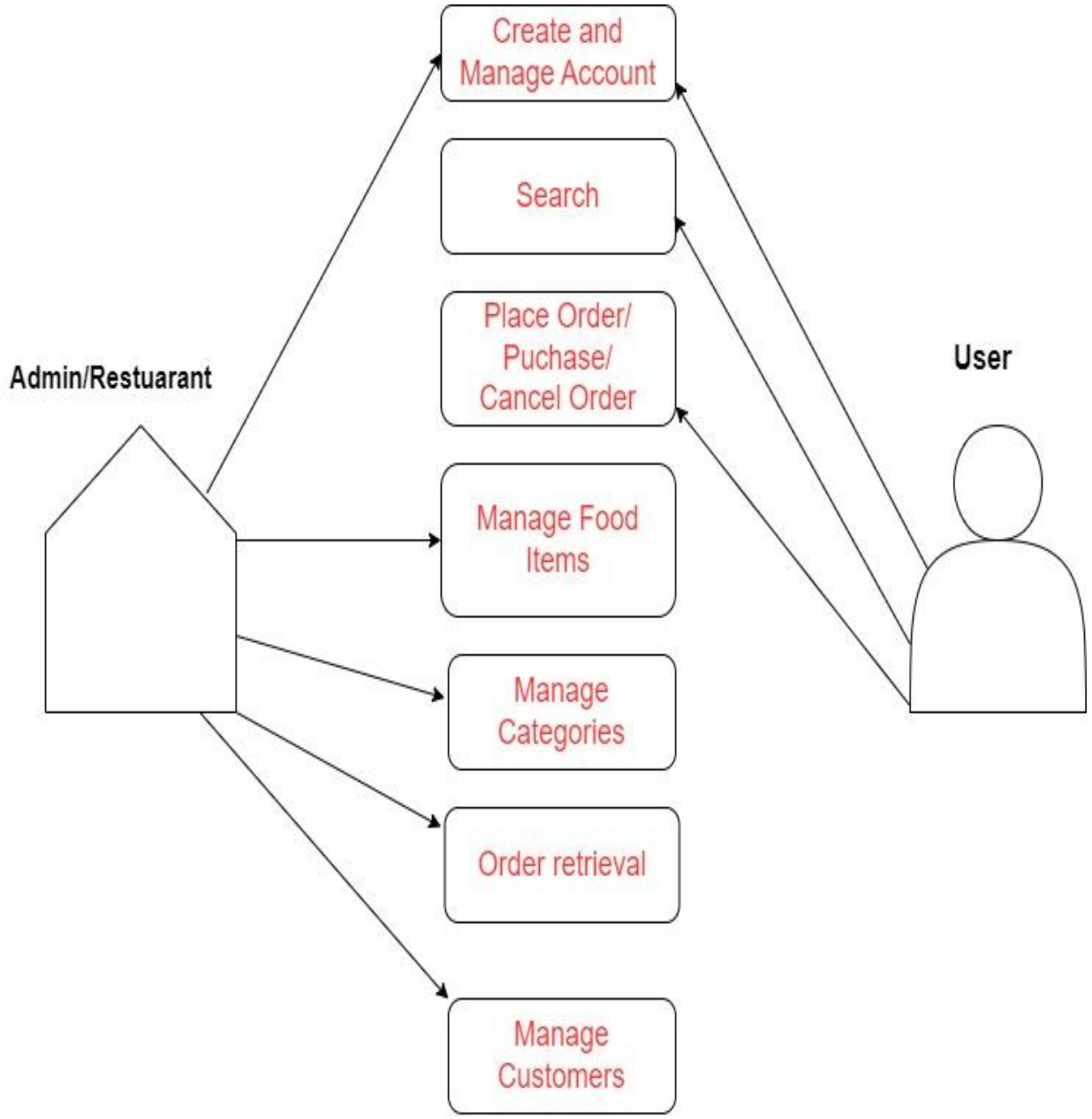
For restaurant owners, the app introduces an administrative Page that simplifies menu management, order processing. Once an order is placed on the webpage, it is entered into the database and then retrieved, in real-time, by an application on the restaurant's end. Within this application, all items in the order are displayed, along with their corresponding options and delivery details, in a concise and easy to read manner. This allows restaurant employees to quickly go through the orders as they are placed and produce the necessary items with minimal delay and confusion.

System Model

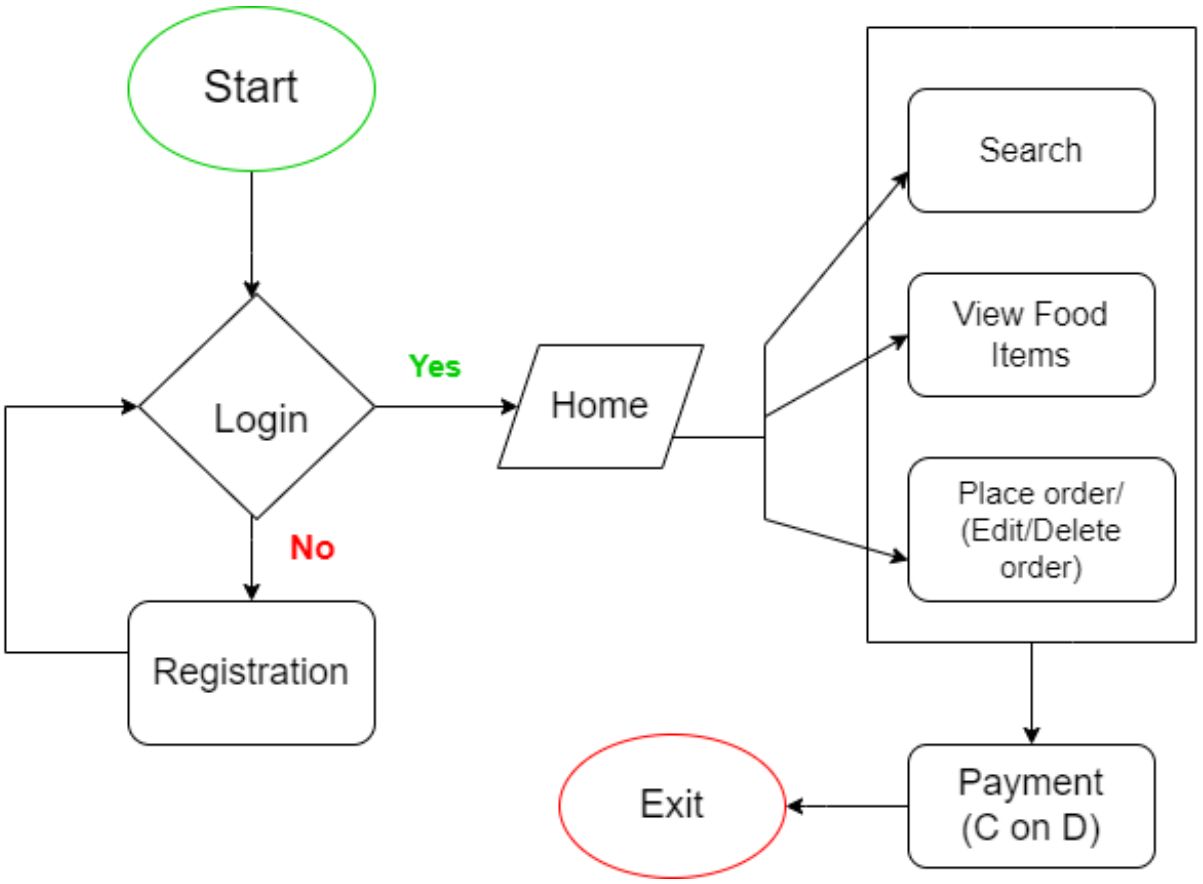
The structure of the system can be divided into two main logical components. The first component is the web ordering system and provides the functionality for customers to place their order and supply all necessary details. The Second logical component is the order retrieval system, used by the restaurant to keep track of all orders which have been placed, this component takes care of retrieving and displaying order information, as well as updating orders which have already been processed.



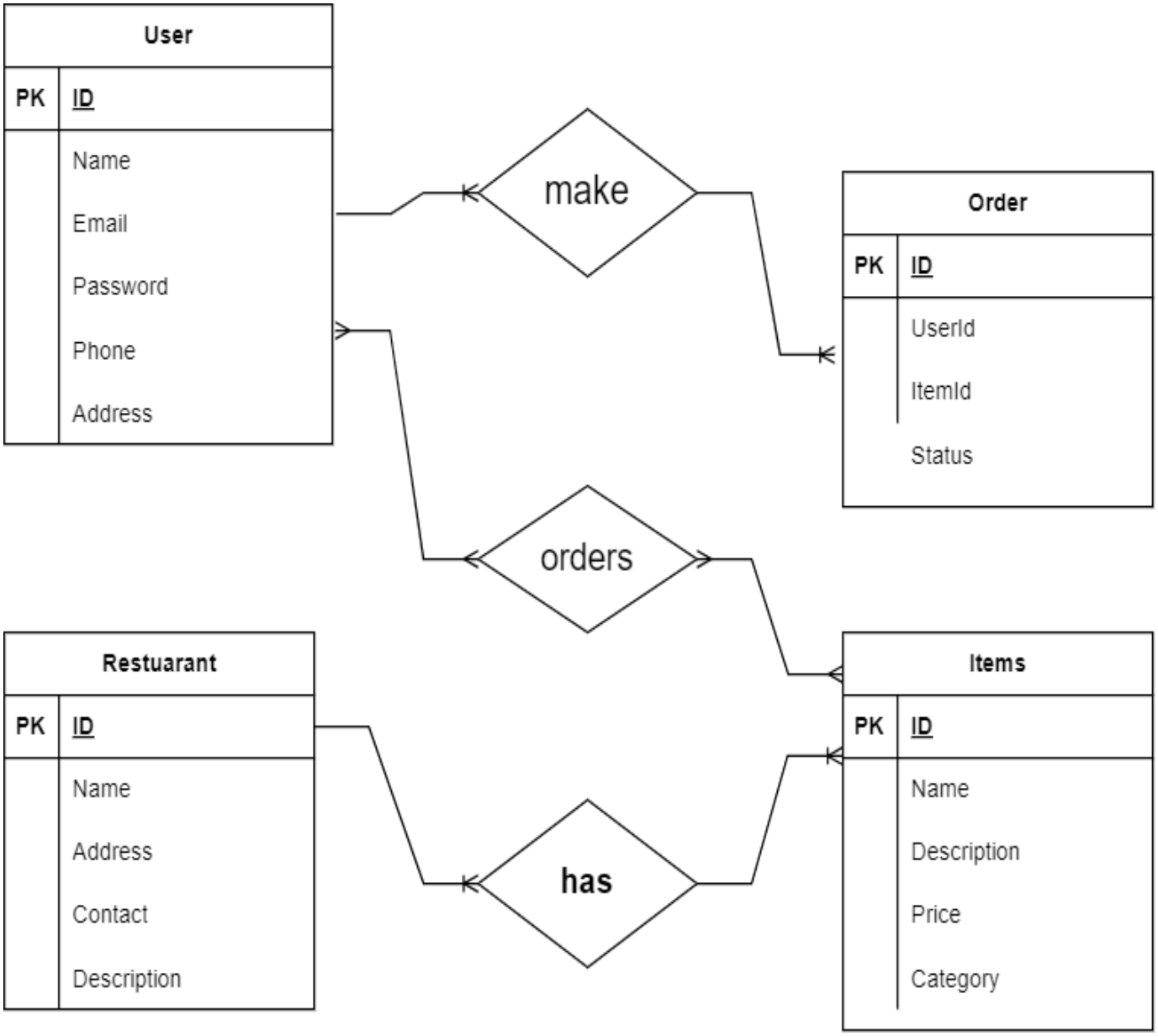
Use Case Diagram



Business Process Diagram



ER Diagram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Functional Requirements

1. User Registration and Authentication

- New users need to register and then log in with the valid user id and password.

2. Browse Menu

- Users can view restaurant menus, and prices.
- Users can filter and select menu items.

3. Place Orders

- Users can add items to their cart.
- Users can Edit or confirm orders.

4.Order Status Tracking

- Users receive notifications for order Confirmation.

5. Payment

- In this system we are dealing the mode of payment by Cash

6.User feedback

- Users can give feedback for restaurants and dishes.

7. Admin Dashboard

- Restaurant owners can log in to their admin dashboard.
- Restaurant owners can manage menu items, prices, and availability.
- Restaurant owners can view incoming orders.
- Restaurant owners can confirm customer order through email

8. Logout

- After ordering food, customers have to logout.

User Interface Specification

1) Login Page

2) Registration Form

3) There will be a screen displaying information about Food items and Restaurant

4) If the customers select the buy button then another screen of shopping cart will be opened

Non Functional Requirement

• Secure access to consumer’s confidential data and 24X7 availability

References

Swiggy

Zomato

Other Food Delivery Apps

Wikipedia