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A Mini Project Report on

Online Food Ordering System for Multiple Restaurants

submitted by,

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Abstract

The online meal delivery system is a website made specifically for use in restaurants where staff must take all customer food orders. This website can assist hotels and restaurants in increasing their profit by lowering labour costs. Additionally, the technology enables rapid and simple consumers can surf the internet and manage their food orders through an online menu. Use it to quickly place the orders with a few finger clicks. Restaurant staff will utilize these customer orders list is accessible through a simple graphical interface to efficiently process each order. In accordance with our conventional system, we must travel to restaurants or hotels, place a food order, pay the bill, and receive the food before returning to our homes. and anything else that requires physical effort from us. However, this approach will make it simpler for people to spend less money, time, and energy physically.

Contents

Chapter 5: Implementation and Testing

5.1 User Interface

5.2 Testing

Conclusion

References

Chapter 1

Introduction

1.1 Background

Many restaurants focus on improving speed and quality of service in the modern era. Many of these food orders were previously placed over the phone, but there are many drawbacks to this system, including the inconvenience of the customer needing a physical copy of the menu, the lack of visual confirmation that the order was correctly placed, and the requirement for restaurants to have an employee answer the phone in order to take orders. This necessitates hiring more staff at restaurants. This process takes extra time, which slows down restaurant services.

1.1 Motivation

The rise of digitization has had an impact on the food industry, just like it has on other industries. The eateries must be informed about market developments. The development of online meal ordering was greatly aided by the emergence of digitalization. Online meal ordering has been more popular since the epidemic since it is a contactless service that does away with printed menus. Restaurants now place a high priority on the security, comfort, and contentment of their patrons. The market is seeing a large influx of new restaurants. Therefore, eateries are utilizing internet platforms in order to survive in a cutthroat industry.

Chapter 2

Problem Definition

2.1 Problem Statement

To make Online Food Ordering System for Multiple Restaurants

2.2 Objectives

- Ordering Food Anytime
- Find nearby restaurants
- Order food from remote location
- Provide online menu information to customer
- Increase sales and revenue by knowing the special offers
- To make food ordering easy and convenient to customer
- Reduce Time wastage by elimination long queues
- Reduce monthly cost to pay employees
- Analyze Orders of Restaurant

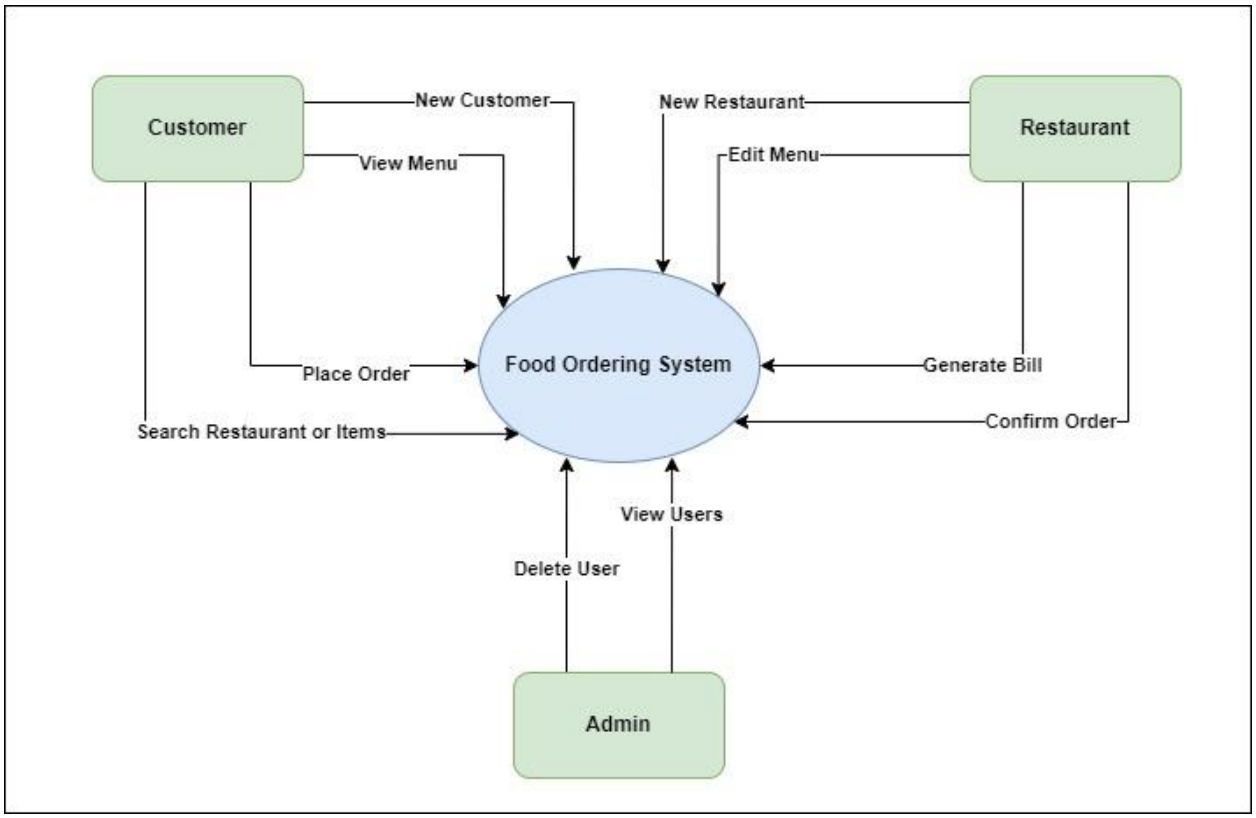
2.3 Features

- Simple , fast and convenient Ordering of food
- Online Menus with Food Description
- Remote Access
- Order Notification
- User Friendly Interface
- Search nearby Restaurants
- Maintain Order History and Sell report
- Repeat or Cancel Order

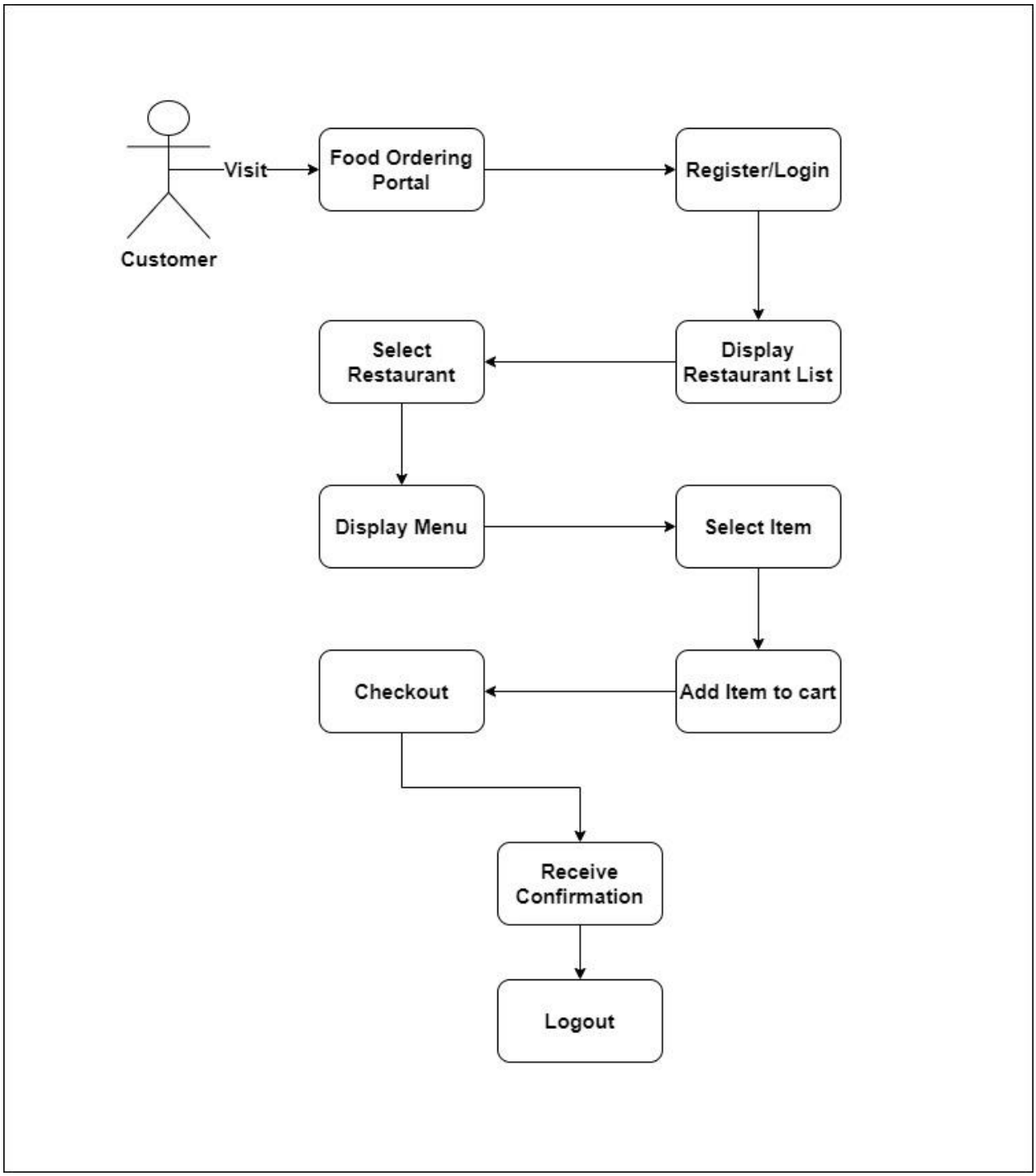
Chapter 3

System Requirements Specification

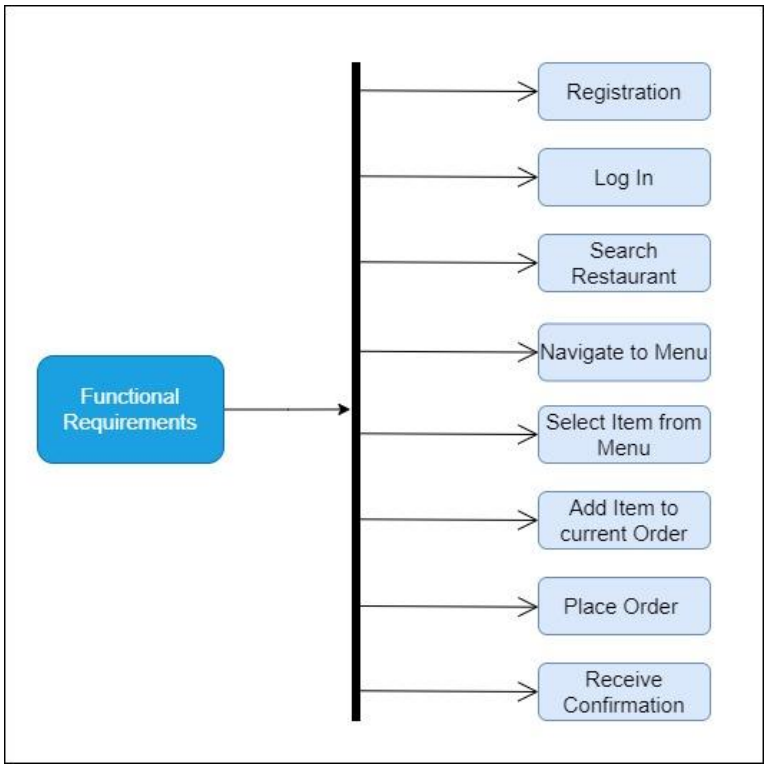
3.1 Proposed Block Diagram



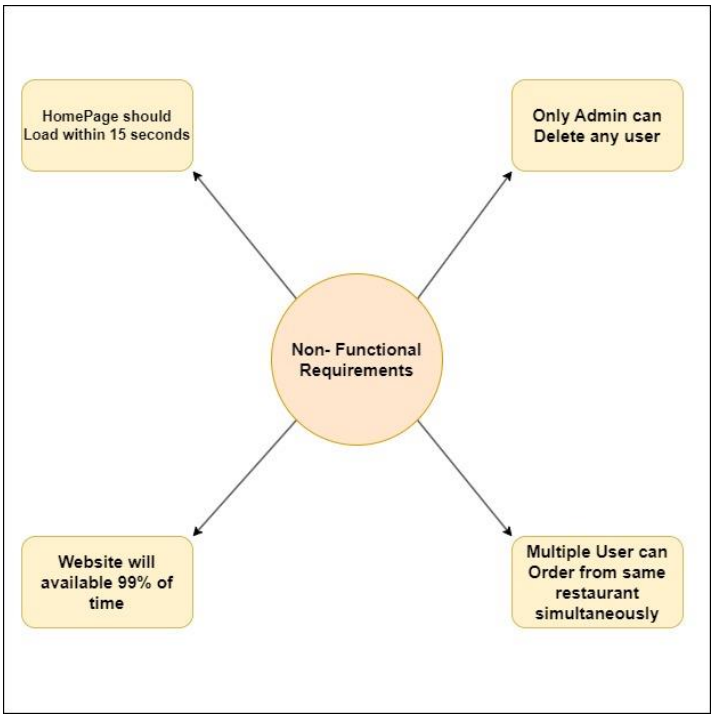
3.2 Methodology



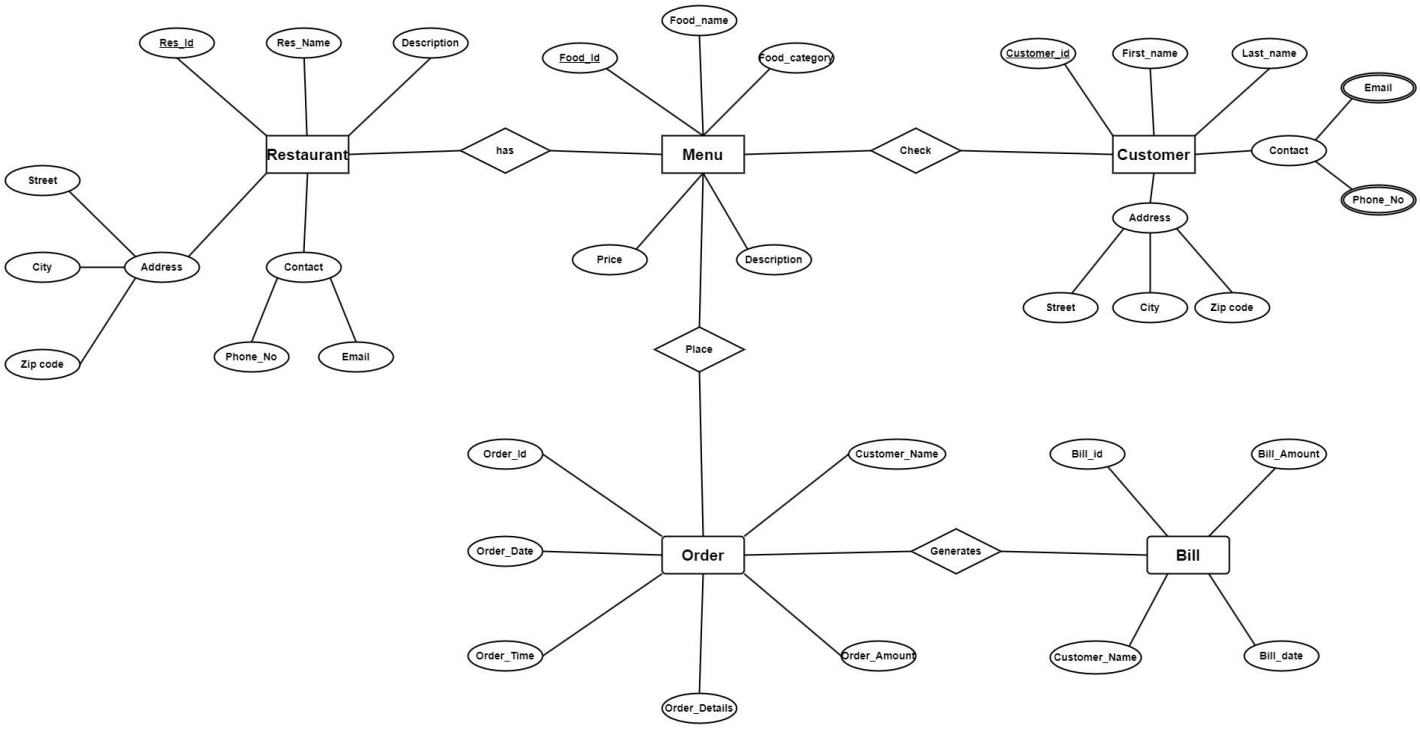
3.3 Functional Requirements



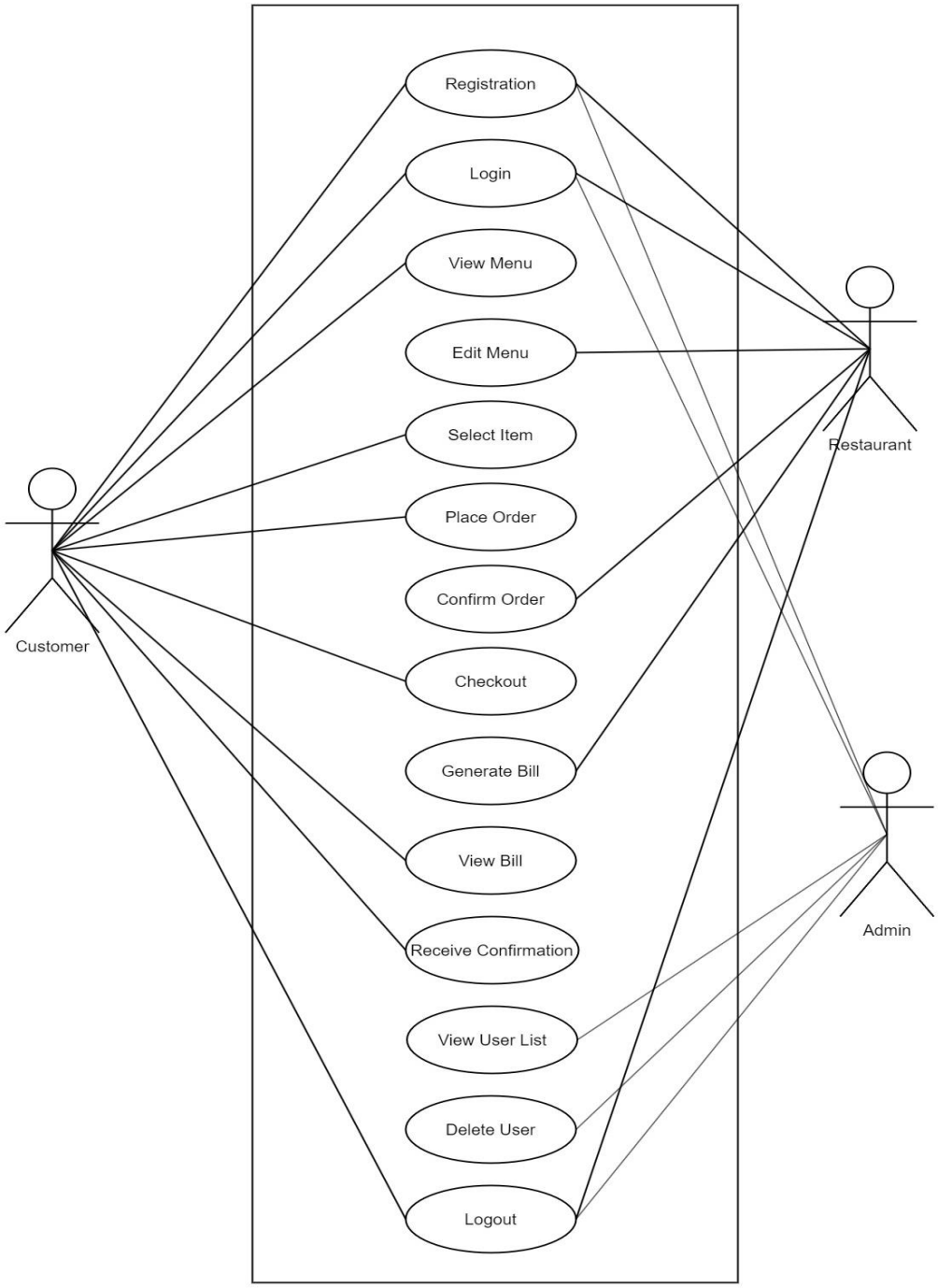
3.4 Non Functional Requirements



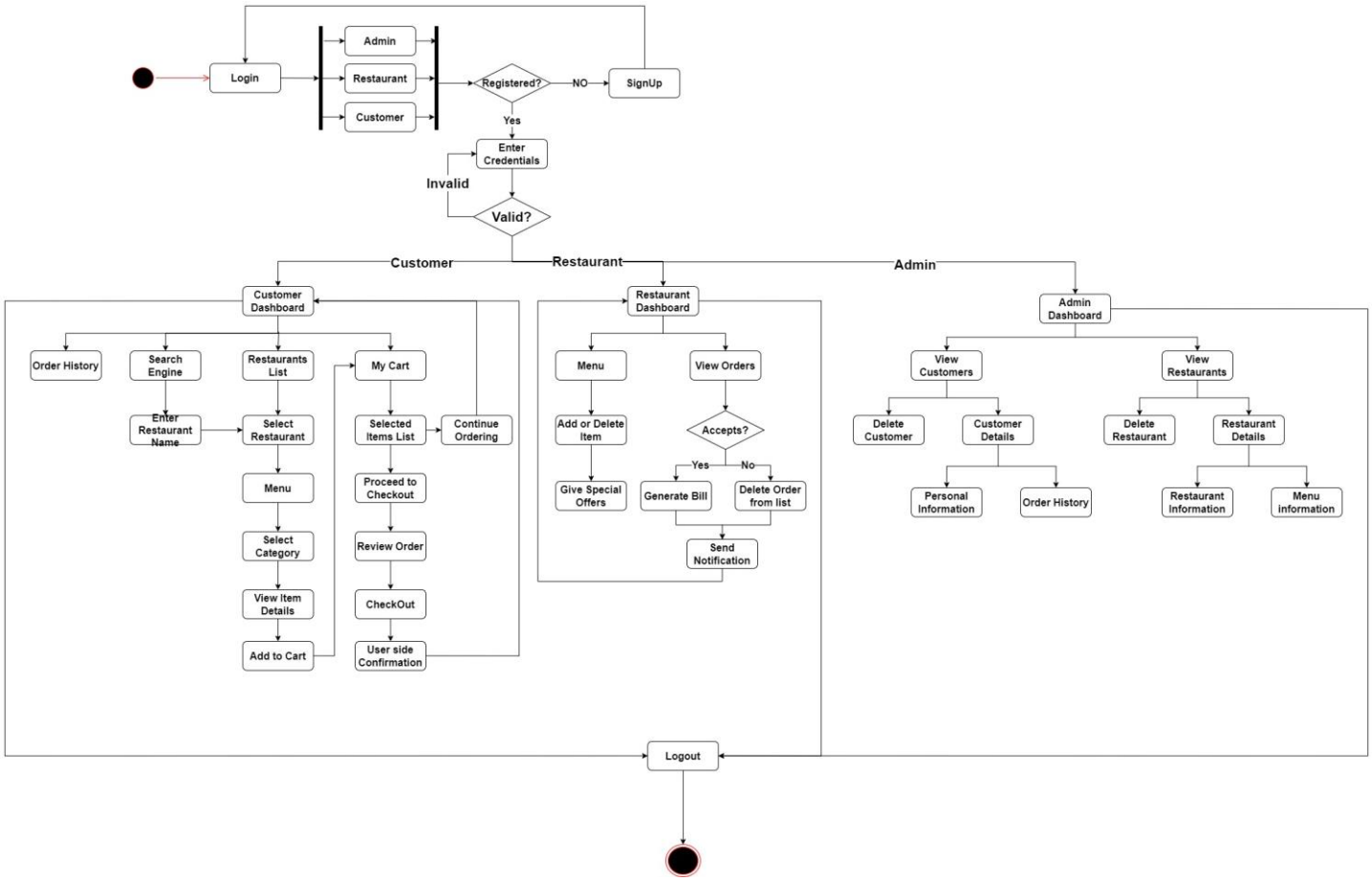
3.5 Entity Relationship Diagram



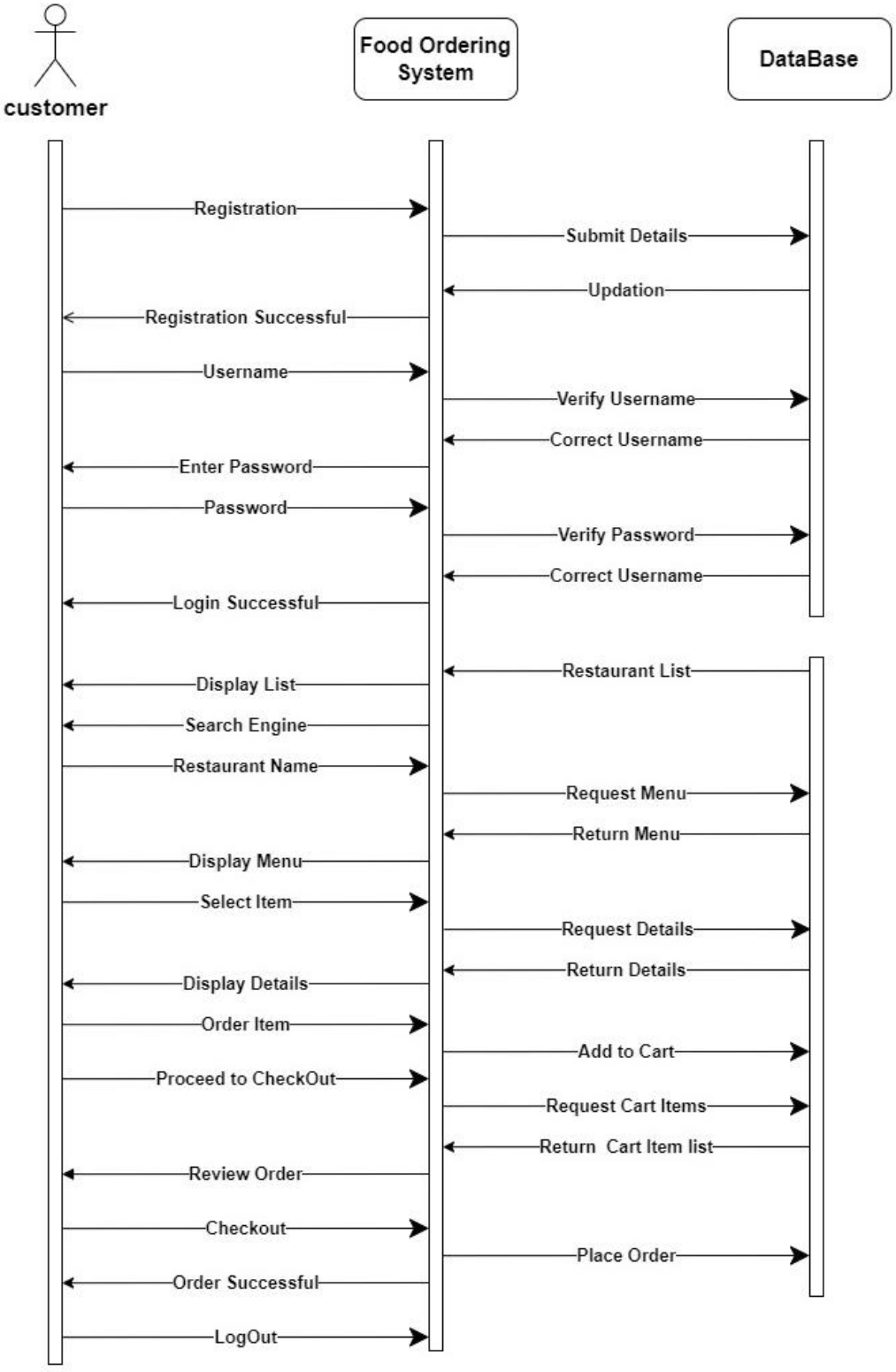
3.6 Use Case Diagram



3.7 Activity Diagram



3.8 Sequence Diagram



Chapter 4

Tools and Technology

4.1 Technology

- **HTML**
  To structure a web pages and its content.
- **CSS**
  To style and layout web pages
- **Javascript**
  To make webpages dynamic and interactive
- **PHP**
- **MySQL**
  For Database

4.2 Tools Used

- **Web server** : Xampp Apache server
- **Development Platform** : Visual Studio Code

4.3 Hardware and Software requirements

Server side:

• Operating system: Windows XP or above

• Web browser: Internet explorer or any compatible web browser

Client side:

• Operating system: Windows XP or any compatible OS

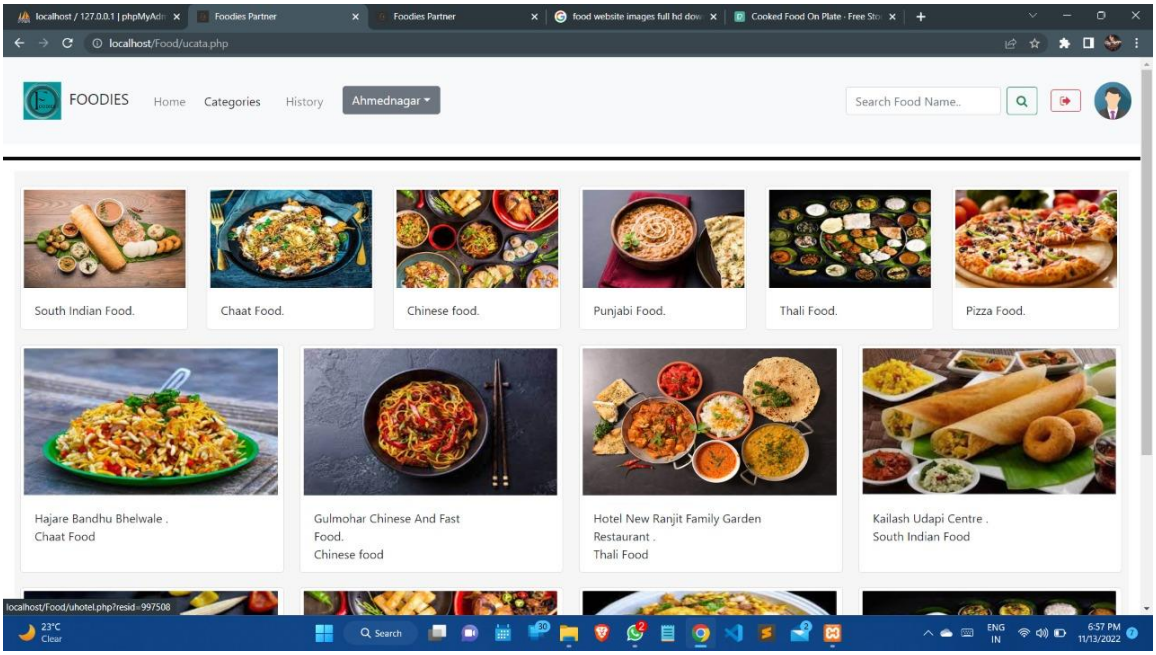
• For security Antivirus is recommended

• Web browser: Internet explorer or any compatible web browser.

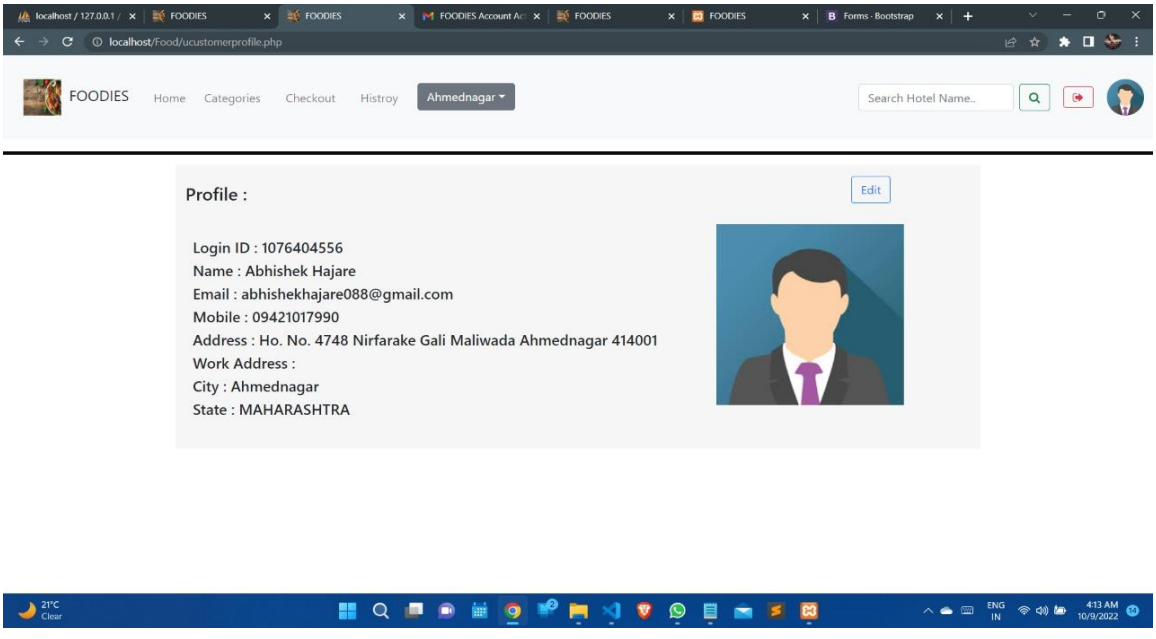
Chapter 5

Implementation and Testing

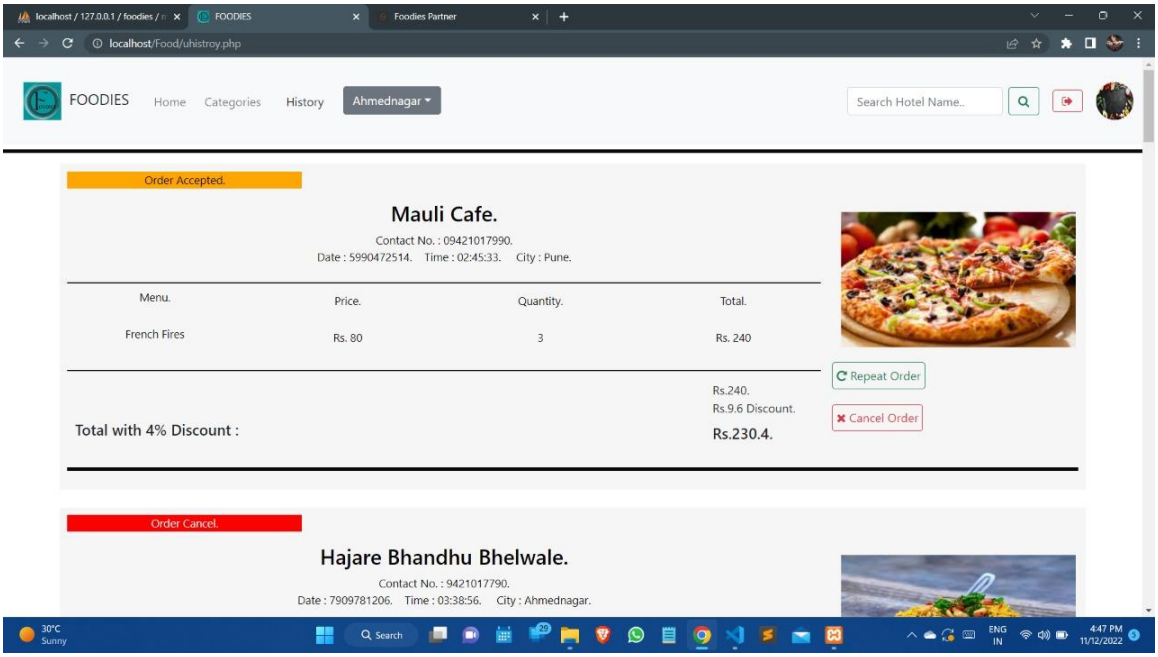
5.1 User Interface



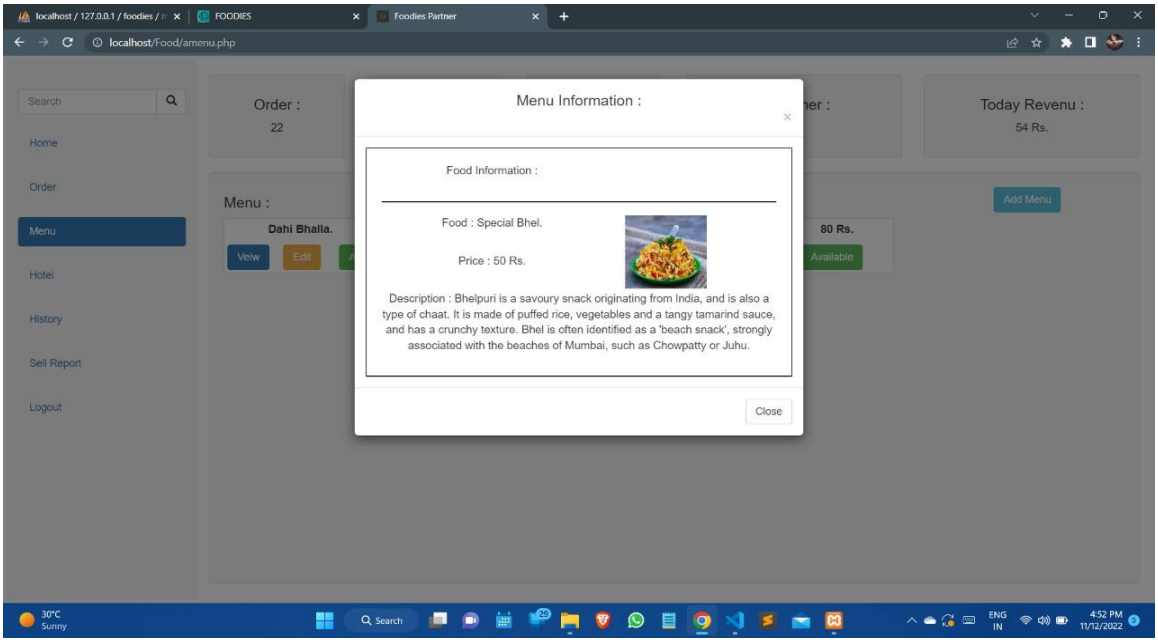
Home Page



Customer's Profile



Customer's Order History



Menu Information

5.2 Testing

Test No.	Test Case	Input	Expected Output	Actual Output
1	Login	Provide valid Username and Password	User should be able to login	As expected
2	Menu	Add new menu and enter information of food	The information should store to the data base and User should view food in menu list	As expected
3	Order food	Select Restaurant then select food and quantity and proceed to checkout and place the order	The order should process successfully	As expected
4	Search	Select search and enter the name of the restaurant	Restaurant should be shown	As expected

Conclusion

The development of technology nowadays has greatly facilitated people's lives. Since management systems are effective for both sellers and buyers, many companies employ them to expand their business. The food and beverage industry has begun to adopt management systems in its operations. It is challenging to provide clients with the most recent information while using the conventional ordering mechanism. To notify the clients, the personnel must be able to recall the most recent information. Customers may be dissatisfied with the restaurant's services if the personnel neglected to tell them. . These issues will all lead to a lack of contentment with the services provided by the restaurant and the waiter. This will also have an impact on the restaurant's brand image. In conclusion, Online food ordering system aids in boosting the restaurant's productivity and effectiveness. It cuts down on the staff's manual labour. The clients can place orders using this system only need to provide the food to the customers and wait for them to pay. The goal of this system is to provide a user-friendly system that offers the most recent information. offering customers information. The chef and team may alter the menu based on what is available.It's crucial to have a user-friendly system because it will impact the brand recognition of the eatery. This restaurant ordering system's user interface is neat and easy to use.

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