

ONLINE FOOD ORDERING SYSTEM



SUBMITTED BY:

MANALISA RAJBANSHI(27067/077)

MANISHA BUDACHHETRI(27068/077)

SADIKSHYA UPRETY(27080/077)

SUJATA CHUDAL(27087/077)

SUMITRA SHERMA(27089/077)

A DOCUMENTATION ON ONLINE FOOD ORDERING SYSTEM

SUBMITTED TO:

SOBIT MAAN SHRESTHA

IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE DEGREE OF
BACHELOR OF SCIENCE IN COMPUTER AND INFORMATION TECHNOLOGY

SHREEYANTRA COLLEGE
TRIBHUVAN UNIVERSITY
DAMAK-9, JHAPA
JUNE, 2024

ABSTRACT

The purpose of Online Food Ordering System is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

The main purpose of the Online Food Ordering System is to keep track of information like Item Category, Food, Delivery Address, Orders, and Shopping Cart. It stores details about these categories, as well as information about Customers. Only the administrator has access to the project, as it is designed for administrative use. The goal is to create software that reduces the time spent manually managing Item Categories, Food, Customer details, and Delivery Addresses. It efficiently saves and organizes information related to Delivery Addresses, Orders, and Shopping Carts.

TABLE OF CONTENTS

LIST OF TABLES	0
LIST OF FIGURES	1
LIST OF ABBREVIATIONS	2
CHAPTER-01	3
1.1 INTRODUCTION	3
1.2 Rationale	3
1.3 Objectives	4
1.4 Needs of Online Food Order	4
1.5 Functionalities	4
1.6 Features	5
CHAPTER-02	7
LITERATURE REVIEW	7
2.1 Background of the Studies	7
CHAPTER-03	8
METHODOLOGY	8
3.1 Complete Visualization of Online Food Ordering System	8
3.2 Tools and Technique	9
3.2.1 Php	10
3.2.2 VS Code	10
3.2.4 HTML	10
3.2.5 Sublime Text	11
3.2.6 Github	11
3.2.7 Java Script	11
3.2.8 CSS	11
3.3 Methodology Development Model	12
3.4 System Design Model	14
3.5 Admin workflow Process	14
3.6 Customer Workflow Process	15
3.7 Diagram	17
3.7.1 Schema Diagram	18
3.7.2 E-R Diagram	19
Chapter-04	20
ANALYSIS RESULT & DISCUSSION	20
4.1 System Implementation Plan	20
4.1.1 Project Planning	21
1. Project Execution:	21
2. Customer Meetings:	21
1. Select a Project: Choose a project to work on.	21
2. Aims and Objectives:	21
4.2 Facing Problem During Development the Project	21
4.3 Final Output	22
4.3.1 Homepage	22
4.3.2 About	22
4.3.4 Register	26
4.3.5 Login	27
4.3.6 Forget password	27
4.3.7 Menu	28
4.3.7.1 Vegetarian	28
4.3.7.2 Non-vegetarian	28
4.3.7.3 Desserts	28
4.3.7.4 Beverages	28
4.3.8 Admin	33
4.4 Result & Discussion	35
4.5 Application	35
4.6 Advantages	36

4.7 Limitations of the System	36
CHAPTER-05	37
Conclusion & Future Work	37
5.1 Conclusion	37
5.2 Future Work	37
REFERENCE	38

LIST OF TABLES

Table No.	Title	Page
Table 3.8.1.1	tbl-admin Table	17
Table 3.8.1.2	tbl-category Table	17
Table 3.8.1.3	tbl-food Table.....	17
Table 3.8.1.4	tbl_order Table	17

LIST OF FIGURES

Figure No.	Title	Page
Figure 3.1.1	Complete Visualization of Restaurant Management System.....	06
Figure 3.3.1	Methodology Development Model.....	11
Figure3.4.1	SystemModelDesign.....	12
Figure 3.5.1	Admin Workflow Process.....	13
Figure 3.6.1	Customer Workflow Process.....	14
Figure 3.7.1.	Schema Diagram.....	15
Figure 3.7.2	E-R Diagram.....	16

LIST OF ABBREVIATIONS

API	Application Programming Interface.
CGI	Common Gateway Interface.
CLI	Command-Line Interface.
CRM	Customer Relationship management.
CSS	Cascading Style Sheets.
E-R Diagram	Entity Relationship Diagram.
HTML	Hypertext Markup Language.
HTTP	Hypertext Transfer Protocol (set of rules for transferring files).
MySQL	"My", the name of co-founder Michael Widenius's daughter My, and "SQL" the abbreviation for Structured Query Language.
PHP	Hypertext Preprocessor (Open source scripting language).
SCM	Source Code Management.
VS Code	Visual Studio Code.

CHAPTER-01

1.1 INTRODUCTION

Online food ordering involves ordering food from a website. The food can be freshly prepared for immediate consumption, like vegetables from a farm or garden and frozen meats, or it can come directly from a home kitchen or restaurant. This online system replaces the manual method of taking orders with a digital one, making it easier and faster to create order summary reports when needed.

An online food ordering system has great potential. Restaurants and fast food chains can use this PHP-based project to keep track of customer orders. It is simple, quick, and accurate, and it requires minimal disk space. The system uses MYSQL Server to prevent data loss and ensure data security.

Customers can choose to have their food delivered or pick it up themselves. They start by selecting their preferred restaurant, browsing the menu, choosing their items, and deciding on delivery or pickup. Payments can be made in cash at the restaurant or via credit or debit card using the app or website. The website and app inform customers about the food's quality, preparation time, and when it will be ready for pickup or delivery.

1.2 Rationale

There are many good reasons to create an online food ordering application. There's high demand for online ordering, which is why many restaurants use it. Customers like the

convenience of ordering food online and having it delivered to their home or workplace. By offering these services, restaurants can stay competitive in the industry.

1.3 Objectives

The main goal of the system is to manage information about item categories, food, delivery addresses, orders, and shopping carts. It handles all customer, shopping cart, and item category details. Only the administrator can access the system because it was developed for administrative use. The aim is to create an app to make it easier to manage food items and categories. It also keeps track of all requested delivery addresses.

1.4 Needs of Online Food Order

Helping customers in placing meal orders whenever they want. Customers will be able to order their preferred foods at any time, but as we've already mentioned, this is only a limited option. As a result, restaurants need to have a specific system in place that will allow them to serve a large number of customers while streamlining operations. One of the best platforms is ordering, which offers all of these services in addition to a host of cutting-edge features that have helped countless small and large enterprises establish themselves as market leaders.

1.5 Functionalities

- Allows searching based on various criteria like food items, customers, orders, and order confirmations.
- Online food ordering systems also manage payment information for order details, order confirmation details, and food items online.
- Keeps track of all data regarding categories, payments, and orders.

- Manages category details.
- Displays food item information and descriptions for customers, making it easier to manage food items and categories.
- Focuses on tracking order data and transactions.
- Manages food item information.
- Enhances resource management by improving the process of editing, adding, and updating food item records.
- Manages order information by combining all confirmed order data.

1.6 Features

- Based on products and components.
- Easily creating and altering issues.
- Issue List can be queried in any detail.
- Reporting & Charting in a more thorough manner.
- User accounts are used to manage access and uphold security.
- Straightforward status & resolutions.
- Priorities and severity levels at various levels as well as targets and milestones for the programmers to follow.
- Attachments & Additional Comments for more information.
- A solid database back end.
- Various levels of reports are provided with many filtering options.

- It has more storage space.
- Accuracy in the work.
- Information retrieval is simple and quick. nicely crafted reports.
- Reduce the workload of the person using the current manual system.
- Individual access to any information.
- Work progresses quickly. Simple information updates.

CHAPTER-02

LITERATURE REVIEW

2.1 Background of the Studies

A wireless meal ordering system was designed and implemented with customer feedback for a restaurant. It allows restaurant operators to easily change menu presentations and set up the system in a WiFi environment. This system connects a smartphone with real-time customer feedback to enable communication between customers and restaurant owners.

This study investigated the factors that affect university students in Nepal's perceptions of online food ordering. It used Davis' Technology Acceptance Model (TAM) from 1986 to analyze how online food ordering was adopted. Additionally, Trust, Innovation, and External Influences were included as primary factors.

This project aimed to automate the restaurant meal ordering process and enhance the dining experience. The design and implementation of a restaurant food ordering system were covered, using wireless data access to servers. The menu information is available on a user's Android app, and order information is sent wirelessly to the kitchen and cashier. The central database is updated with these orders, allowing the restaurant owner to easily manage menu changes.

This research examines the efforts of restaurant owners to implement ICTs like PDAs, wireless LANs, and multi-touch screens to improve the dining experience. It suggests a low-cost touch screen-based restaurant management system using an Android smartphone or tablet to address the limitations of traditional paper-based and PDA-based ordering systems.

The study aimed to determine if the application is user-centered and meets user requirements. It addressed all user-related issues, making the program easy for anyone familiar with an Android smartphone to use. The system resolves various problems with mess services, assists in placing orders, provides necessary information for customers, and helps the administrator manage the entire food system.

CHAPTER-03

METHODOLOGY

3.1 Complete Visualization of Online Food Ordering System

An easy-to-use table management system will also be included in a good restaurant reservation setup. This enables restaurants to see their restaurant hour by hour and receive reservations through a variety of ways





Figure 3.1.1: Complete Visualization Model

3.2 Tools and Technique

3.2.1 Php

3.2.2 VS Code

3.2.3 MySQL vog

3.2.4 HTML

3.2.5 Sublime Text

3.2.6 Github

3.2.7 Java Script

3.2.8 CSS

3.2.1 Php

Hypertext Preprocessor (or simply PHP) is a server-side scripting language used for general programming purposes as well as Web development. The PHP Group now produces the PHP reference implementation, which was first developed by Rasmus Lerdorf in 1994. Personal Home Page was the first meaning of PHP, however it has since evolved into PHP: Hypertext Preprocessor. PHP code can be used alone, in conjunction with different web template systems, web content management systems, and web frameworks, or it can be incorporated into HTML code. A PHP interpreter, which can be either a web server module or a Common Gateway Interface (CGI) executable, is typically used to process PHP code. The output of the interpreted and executed PHP code, which could be any kind of data, including graphics, is combined with the created web page by the web server. PHP code can be used to create standalone graphical apps and can also be run using a command-line interface (CLI).

3.2.2 VS Code

Visual Studio Code (VS Code) is a popular open-source code editor developed by Microsoft. It's designed to provide developers with a streamlined and powerful environment for coding. With a vast library of extensions available in the Visual Studio Code Marketplace, users can customize their coding environment to support a wide range of programming languages, frameworks, and tools. These extensions include themes, language packs, debuggers, and more. Overall, Visual Studio Code is a highly versatile and efficient tool for developers, offering a wide range of features to enhance productivity and streamline the coding process.

3.2.3 MySQL vogue

MySQL Workbench is a comprehensive visual tool for DBAs, database architects, and developers. Data modeling, SQL creation, and extensive administrative tools for server configuration, user management, backup, and other tasks are all provided by MySQL Workbench. There are versions of MySQL Workbench for Windows, Linux, and Mac OS X.

3.2.4 HTML

Hypertext Markup Language (HTML) is the industry-standard markup language for developing web apps and pages. It is one of three foundational technologies underpinning the World Wide Web, along with JavaScript and Cascading Style Sheets (CSS). HTML documents are downloaded from a web server or local storage by web browsers, who

then turn them into multimedia web pages. HTML originally featured cues for the document's design and semantically explains the structure of a web page. The foundation of HTML pages are HTML components. Images and other objects, like interactive forms, may be embedded within the produced page using HTML techniques. By indicating structural semantics for text elements like headings, paragraphs, lists, links, quotations, and other objects, HTML offers a way to generate structured texts.

3.2.5 Sublime Text

Sublime Text is a commercial cross-platform source code editor that utilizes the Python programming language (API). Numerous programming and markup languages are supported natively, and users can add features through plugins, which are often developed and maintained by the local community under free-software licenses.

3.2.6 Github

GitHub is a Git-based version control hosting service on the internet. Code is where it is most frequently utilized. It has all of Git's distributed version control and source code management (SCM) features in addition to a few extras. Every project can benefit from access control and a variety of collaborative tools, including wikis, task management, issue tracking, and feature requests. Both private repositories and free accounts, which are frequently used to host open source software projects, are available on GitHub.

3.2.7 Java Script

JavaScript, often abbreviated as JS, is an interpreted, high-level programming language. Additionally, it is a dynamic, weakly typed, prototype-based, and multi-paradigm language. One of the three fundamental technologies of the World Wide Web, together with HTML and CSS, is JavaScript. JavaScript is a crucial component of online applications because it makes web pages interactive. The vast majority of websites make use of it, and every significant web browser has an engine specifically designed to run JavaScript.

3.2.8 CSS

Cascading Style Sheets (CSS) is a language for creating style sheets that describe how a document produced in a markup language like HTML will look. The World Wide Web's foundational technologies, along with HTML and JavaScript, include CSS. Layout, color, and font may all be separated from content and presentation using CSS. By describing the pertinent CSS in a separate CSS file, this separation can make content more accessible, give definition of presentation features greater freedom and control, allow numerous web pages to share formatting, and reduce complexity and repetition in structural content.

3.3 Methodology Development Model

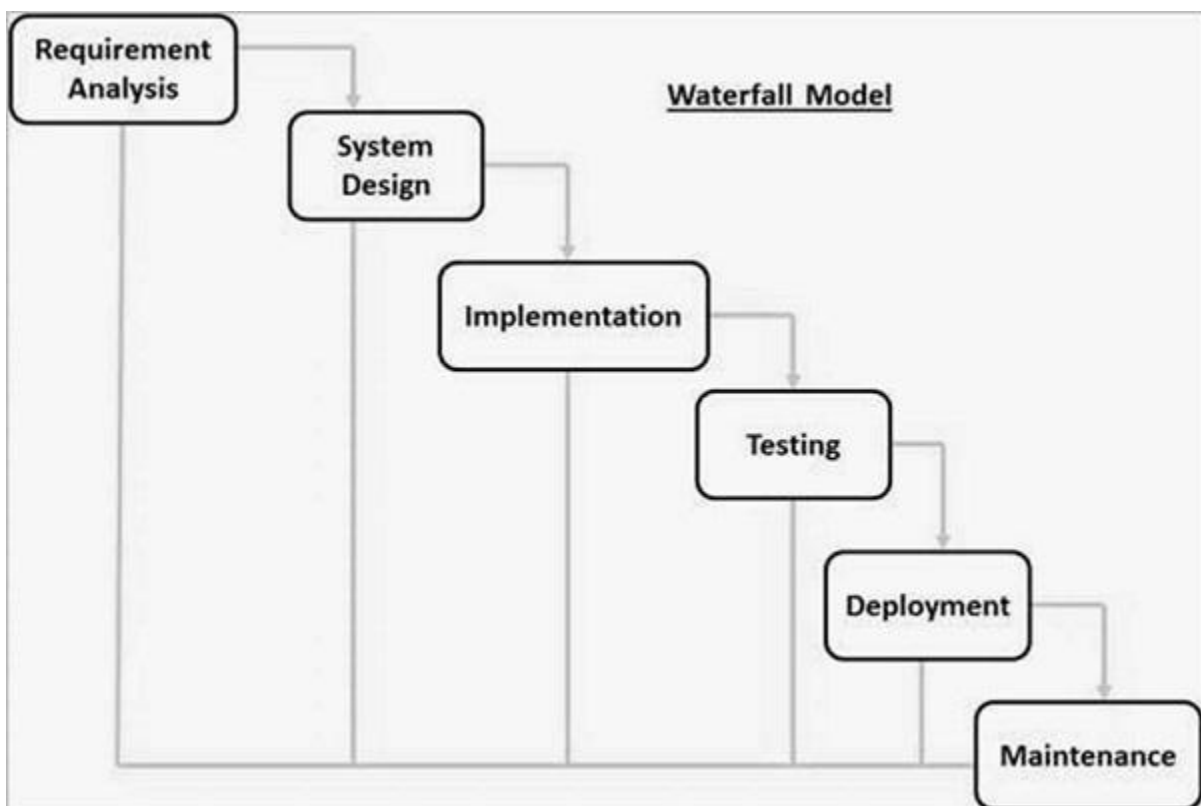


Figure 3.3.1: Methodology Development Model.

The Waterfall model's consecutive phases are:

Requirement Gathering and analysis – During this stage, all potential system needs are gathered and outlined in a requirement specification document.

- **System Design** – The system design is created in this phase after studying the requirement specifications from the first phase. This system design aids in determining the overall system architecture as well as the hardware and system requirements.

- **Implementation** – The system is initially built in discrete programs known as units, which are then combined in the following phase, using inputs from the system design. Unit testing is the process of developing and evaluating each unit for functionality.

- **Integration and Testing** – Following the testing of each unit created during the implementation phase, the entire system is merged. The entire system is tested for errors and failures after integration

- . • **Deployment of system** – Once the product has undergone functional and non-functional testing, it is either published to the market or deployed in the customer's environment.

- **Maintenance** – Various problems can arise in a client environment. Patches are published to address certain problems. Additionally, improved versions of the product are issued. To bring about these changes in the surroundings of the consumer, maintenance is performed.

3.4 System Design Model



Figure 3.4.1: System Model Design

3.5 Admin workflow Process

User goes to the homepage of the domain. If he/she has an account then he/she can login in the restaurant management system otherwise he/she needs to register an account after successful registration, they can login in the home page.

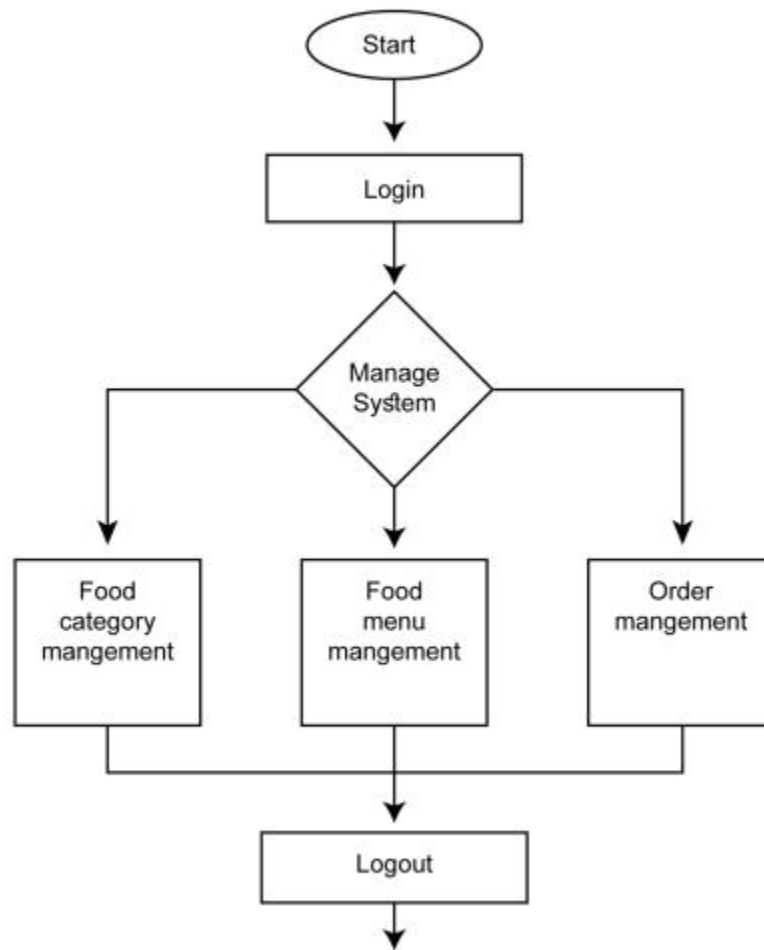
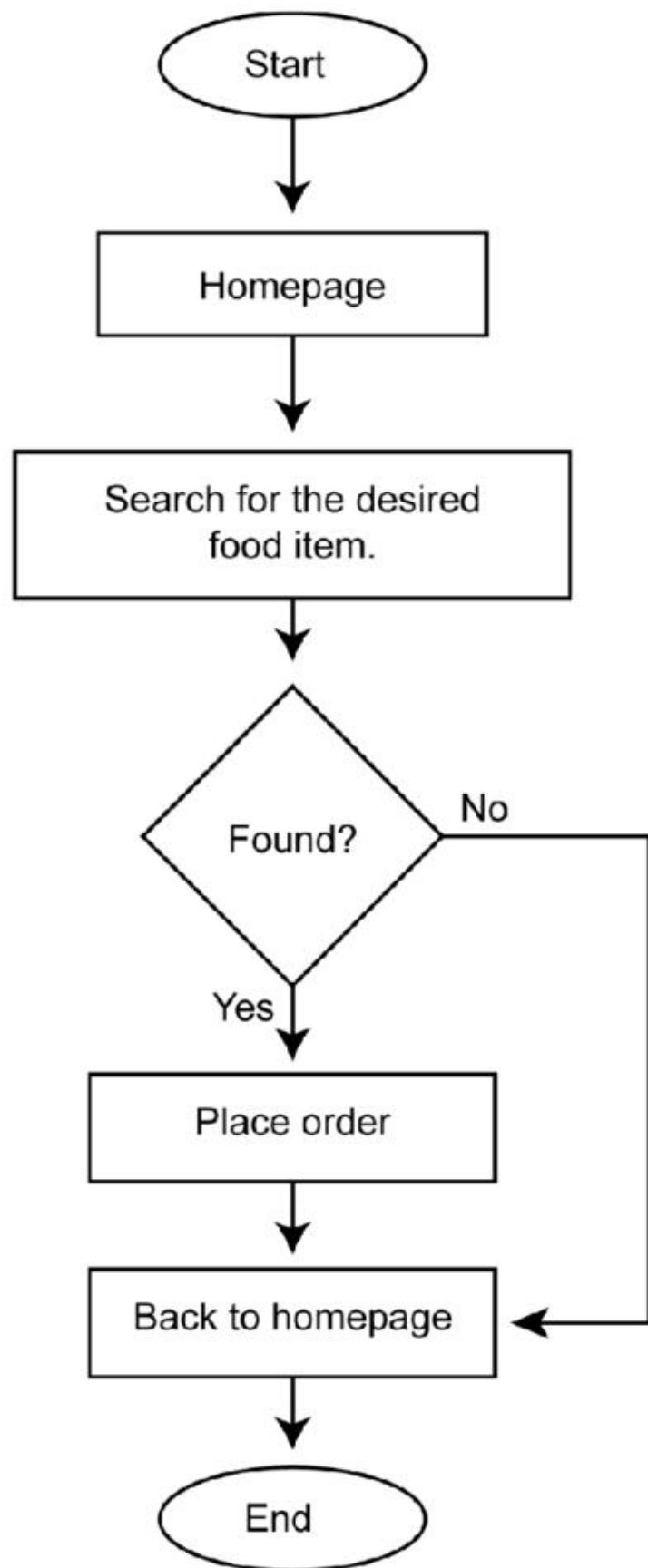


Figure 3.5.1: Admin workflow Process

3.6 Customer Workflow Process

Initially to visit the food categories or food menu, users don't need to login/register an account. After checking out the categories and menu items, if the user finds his/her desired menu and if they want to order that particular item they can go to the order page.

During placing any order the customer needs to provide his/her required information mentioned in the order .



3.7 Diagram

3.7.1 Schema Diagram

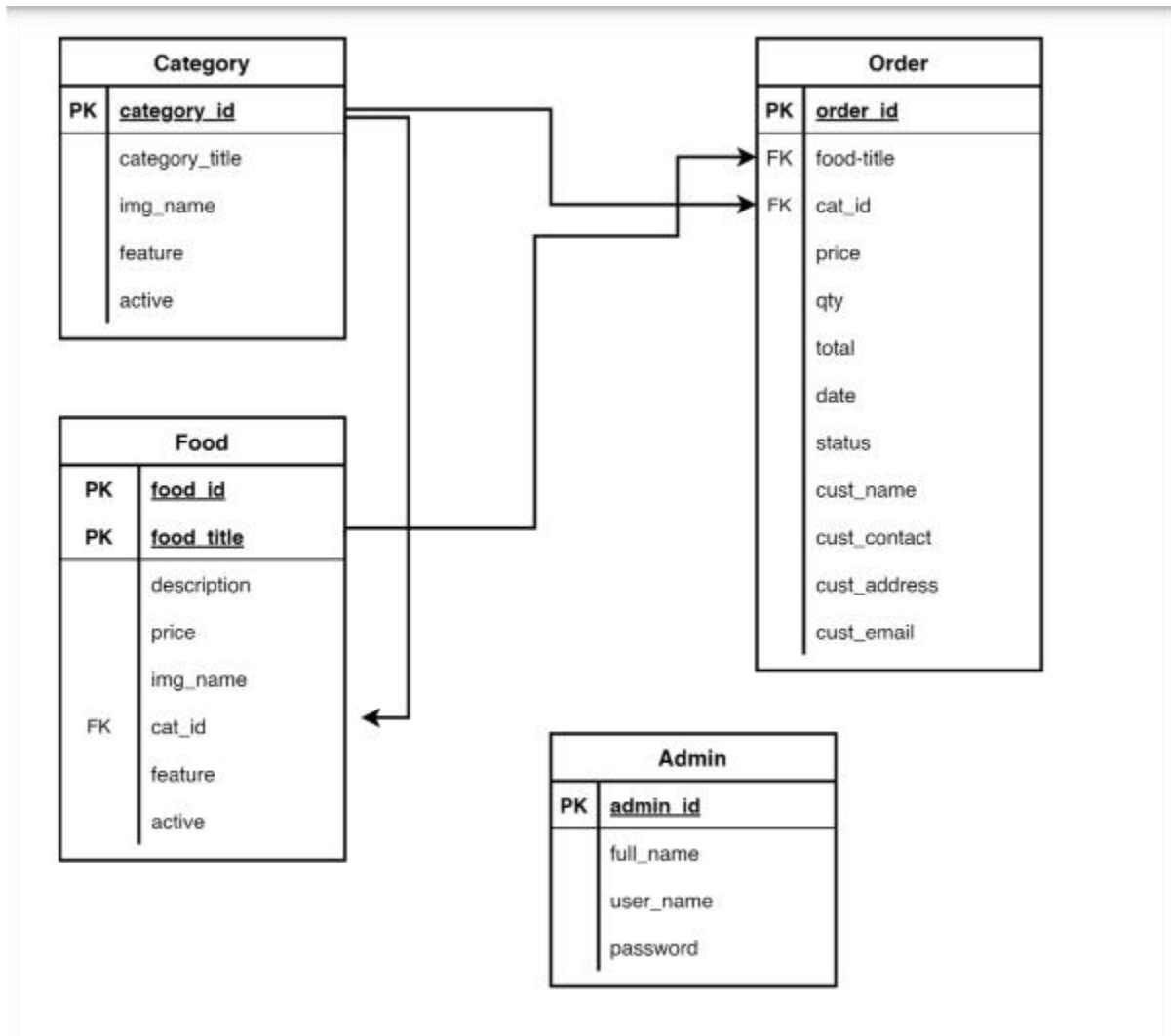


Figure 3.7.1.1 : Schema Diagram.

3.7.2 E-R Diagram

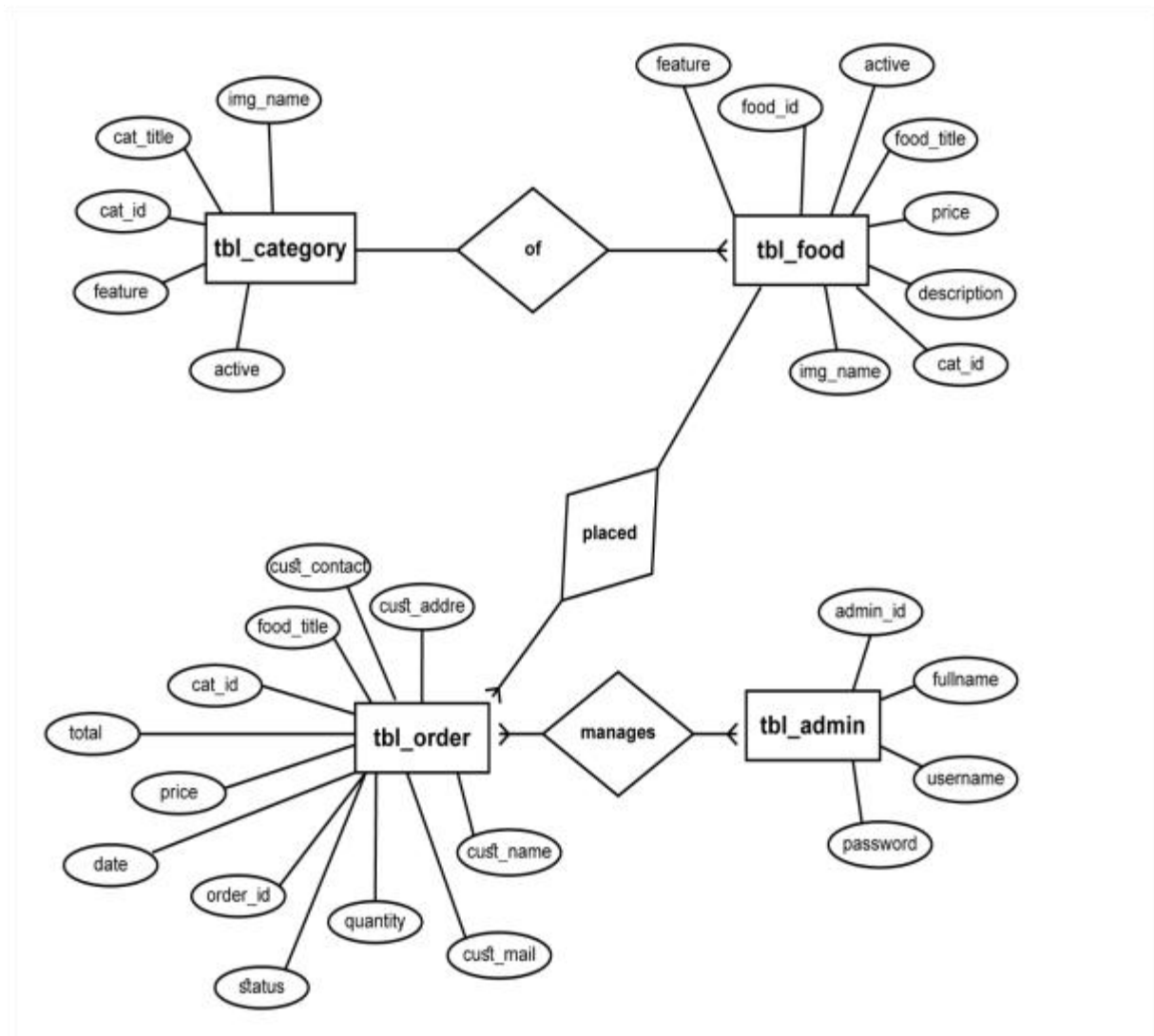


Figure 3.7.2.2 : E-R Diagram

Chapter-04

ANALYSIS RESULT & DISCUSSION

4.1 System Implementation Plan

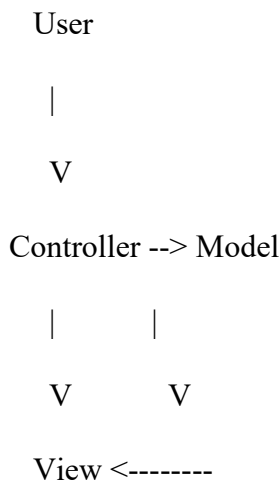
The Model View Controller (MVC) is a design pattern used for building web applications. It has three main components:

1. Model: This part is responsible for managing the data.
2. View: This part is responsible for displaying the data to the user.
3. Controller: This part handles the interactions between the Model and the View.

MVC is popular because it separates the application logic from the user interface. Here's how it works:

- The Controller receives all requests from the application.
- It works with the Model to get the necessary data.
- Then, the View uses this data to create a final response that is shown to the user.

This separation makes the application easier to manage and maintain. Here's a simple diagram to illustrate the MVC flow:



4.1.1 Project Planning

Here's a simple version of the software project plan:

1. Project Execution:
 - Within the Company: How the project will be managed and carried out.
 - Time, Financial, and Human Resource Limitations: Consider the budget, deadlines, and available staff.
 - Market Strategy: How the project will be marketed and introduced to the market.
2. Customer Meetings:
 - Frequency: Weekly or as needed.
 - Content: Present progress reports, take customer feedback, and make necessary adjustments.
 - Deliverables and Milestones: Show the client the completed parts of the project and important milestones.

Steps for Creating Successful Software Projects:

1. Select a Project: Choose a project to work on.
2. Aims and Objectives:
 - Understand the specifications and requirements.
 - Use analysis, design, and implementation methods.
 - Use testing procedures.
 - Document everything.
 - Allocate the budget and keep costs under control.
 - Understand project milestones and deliverables.
 - Make project estimates for cost and time.

4.2 Facing Problem During Development the Project

During the construction of the web application "Online Food Order," the developer ran into a few issues. Here are a few issues in brief:

I Requirement Gathering Phase: It is a crucial step. The project will fail if the requirements are poor. At that time, the developer became disappointed when Developer was collecting information and data, then what information and data will be helpful or appropriate for this project.

II. During Design Phase: At this moment, the developer struggled to decide which flowchart would be best for this project when creating it.

III. Development Phase: It is a very major component of the undertaking. Frequently, the developer misplaced the semicolon (;) at the conclusion of the statement.

IV. Testing Phase: It is an essential component of the project. This section will aid with project testing overall. During testing, the developer has faced some bugs in the project.


4.3 Final Output

4.3.1 Homepage

4.3.2 About

Delicious Deliveries


[Home](#)[Menu](#)[About](#)[How it Works](#)[Contact](#)[Privacy](#)



Delicious Food Delivered to Your Doorstep

Order now and enjoy mouth-watering dishes from top restaurants!

Order Now




Fast Delivery

Get your food delivered in 30 minutes or less!



Fresh Ingredients


We use only the freshest, high-quality ingredients.



Wide Selection

Choose from a variety of cuisines and dishes.

Explore Our Foods



margherita pizza

Refined dish of tomato, mozzarella topped with some combination of olive oil, capers, anchovies, mushrooms or other meats, with many other ingredients, baked quickly—usually in a commercial setting, using a wood-fired oven heated to a very high temperature—and served hot!



chicken chowmein

Stir-fried noodles mingling with carrots, celery, cabbage, and succulent chicken, all tossed in a delicious sauce.



chocolate brownie

Luscious dark and delicious chocolate brownie.

© 2014 Delicious Deliveries. All rights reserved.

23

Delicious Deliveries

[Home](#) [Menu](#) [About](#) [Contact](#)

About Us

Discover our story and meet the team that makes Delicious Deliveries the best food delivery service.

[Meet the Team](#)

Who We Are

Delicious Deliveries is your go-to online food delivery service, connecting you with the best local restaurants in your area. Our mission is to bring delightful culinary experiences right to your doorstep.

Founded in 2020, we've quickly grown to become a favorite among food lovers. We pride ourselves on our wide selection of cuisines, lightning-fast delivery, and commitment to customer satisfaction.

Our Values

- **Quality:** We partner only with the best restaurants to ensure top-notch food quality.
- **Speed:** Our efficient delivery system ensures your food arrives hot and fresh.
- **Variety:** From local specialties to international cuisines, we offer something for everyone.
- **Customer Service:** Your satisfaction is our top priority.

Sujata Chudal

Founder & CEO



Manisha Budaachhetri

Chief Operating Officer



Sumitra Sherma

Head of Customer Service



Manalisha Rajbanshi

Head chef



Sadikshya Uprety

Chief Technology Officer



4.3.3 Contact

Delicious Deliveries

[Home](#)[Menu](#)[About](#)[Contact](#)

Contact Us

Name:

Email:

Message:

Send Message

© 2024 Delicious Deliveries. All rights reserved.

4.3.4 Register

Delicious Deliveries

[Home](#)[Menu](#)[Admin](#)[About](#)[Contact](#)[Register](#)[Login](#)

Register

Full Name

Sadikshya Uprety

Email Address

sadikshyauprety12@gmail.com

Password

Role

User

Ordering from the restaurant

☒

Table Number (if ordering from the restaurant)

12

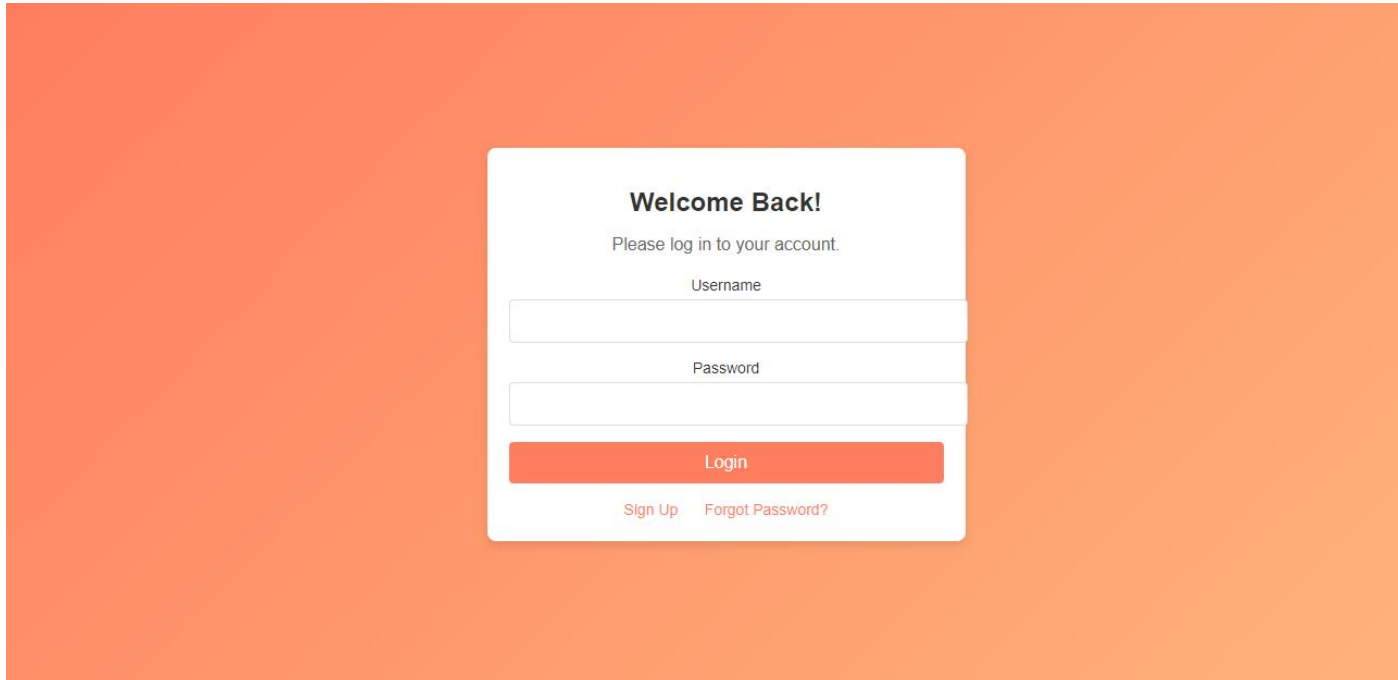
Address (if ordering from home)

123 Street, City, Country

Register

© 2024 Delicious Deliveries. All rights reserved.

4.3.5 Login



The login form is centered on a solid orange background. It features a white card with rounded corners. At the top of the card is the heading "Welcome Back!" in bold black text, followed by the instruction "Please log in to your account." in a smaller font. Below this are two input fields: "Username" and "Password", each with a light gray border. A prominent orange "Login" button is positioned below the password field. At the bottom of the card, there are two links: "Sign Up" and "Forgot Password?", both in a small, light gray font.

Welcome Back!
Please log in to your account.

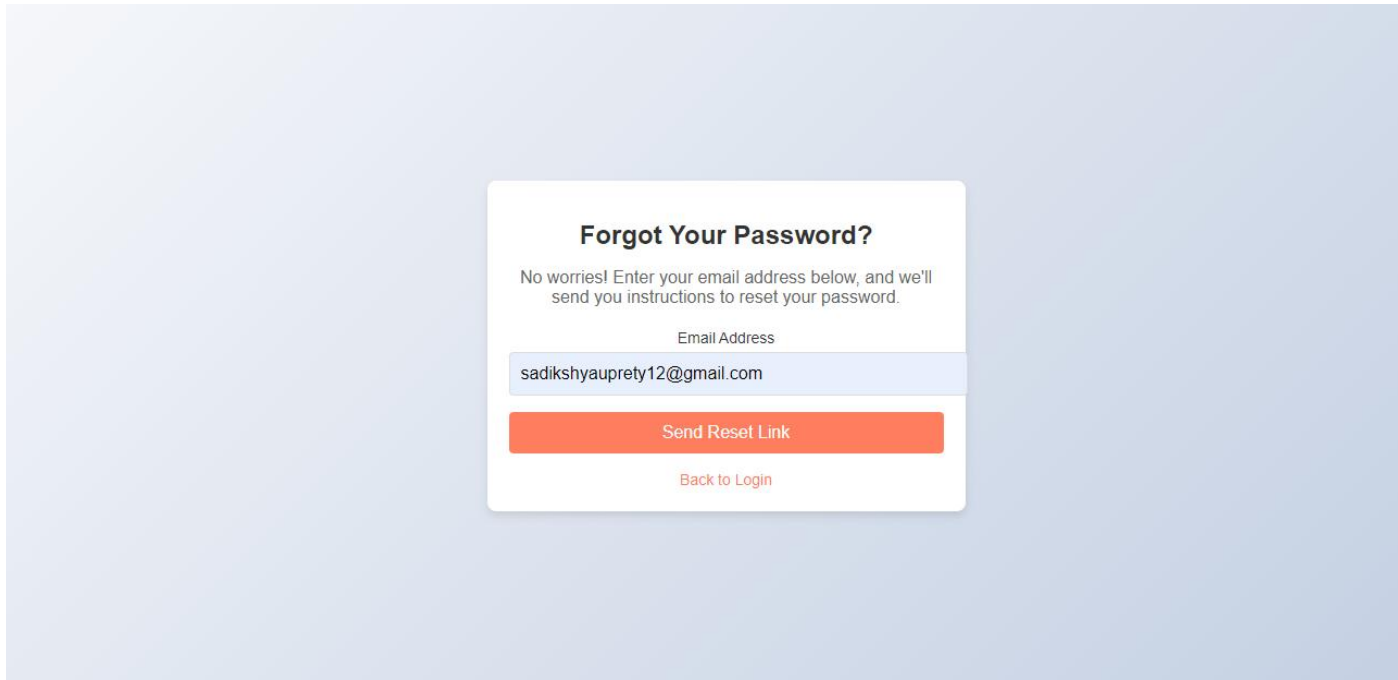
Username

Password

Login

[Sign Up](#) [Forgot Password?](#)

4.3.6 Forget password



The forgot password form is centered on a solid light blue background. It features a white card with rounded corners. At the top of the card is the heading "Forgot Your Password?" in bold black text, followed by the instruction "No worries! Enter your email address below, and we'll send you instructions to reset your password." in a smaller font. Below this is an "Email Address" input field with a light gray border, containing the text "sadiکشyauprety12@gmail.com". A prominent orange "Send Reset Link" button is positioned below the input field. At the bottom of the card, there is a link "Back to Login" in a small, light gray font.

Forgot Your Password?
No worries! Enter your email address below, and we'll send you instructions to reset your password.

Email Address

sadiکشyauprety12@gmail.com

Send Reset Link

[Back to Login](#)

4.3.7 Menu

4.3.7.1 Vegetarian

4.3.7.2 Non-vegetarian

4.3.7.3 Desserts

4.3.7.4 Beverages

Delicious Deliveries

[Home](#)[Menu](#)[About](#)[Contact](#)

Total: ₹0

Our Menu

[All](#)[Vegetarian](#)[Non-Vegetarian](#)[Desserts](#)[Beverages](#)

Paneer Butter Masala

Creamy and rich paneer dish with butter and spices.

₹250

[Add to Cart](#)

Vegetable Biryani

Flavorful rice dish with mixed vegetables and spices.

₹200

[Add to Cart](#)

Palak Paneer

Paneer cubes in a creamy spinach gravy.

₹220

[Add to Cart](#)

Margherita Pizza

Classic delight with 100% real mozzarella cheese.

₹300

[Add to Cart](#)

Aloo Gobi

Potato and cauliflower dish with Indian spices.

₹180

[Add to Cart](#)

Chole Bhature

Spicy chickpeas served with fried bread.

₹150

[Add to Cart](#)

Delicious Deliveries

[Home](#)[Menu](#)[About](#)[Contact](#)

Total: ₹0

Our Menu

[All](#)[Vegetarian](#)[Non-Vegetarian](#)[Desserts](#)[Beverages](#)

Chicken Tikka Masala

Grilled chicken in a creamy tomato sauce.

₹280

[Add to Cart](#)

Butter Chicken

Chicken in a rich and creamy tomato sauce.

₹300

[Add to Cart](#)

Chicken Chowmein

Stir-fried noodles with chicken and vegetables.

₹220

[Add to Cart](#)

Chicken Kabab Biryani

Biryani rice with flavorful chicken kababs.

₹280

[Add to Cart](#)

Chicken Momo

Steamed dumplings filled with spiced chicken.

₹120

[Add to Cart](#)

© 2024 Delicious Deliveries. All rights reserved.

Delicious Deliveries

[Home](#)[Menu](#)[About](#)[Contact](#)

Total: ₹0

Our Menu

[All](#)[Vegetarian](#)[Non-Vegetarian](#)[Desserts](#)[Beverages](#)

Gulab Jamun

Sweet deep-fried balls soaked in sugar syrup.

₹80

[Add to Cart](#)

Rasgulla

Soft and spongy cheese balls in syrup.

₹70

[Add to Cart](#)

Jalebi

Crispy, sweet, and syrupy spiral dessert.

₹60

[Add to Cart](#)

Chocolate Brownie

Rich and gooey chocolate brownie.

₹100

[Add to Cart](#)

Ice Cream Sundae

Ice cream topped with sauces and nuts.

₹120

[Add to Cart](#)

Kaju Katli

Delicious cashew nut fudge.

₹200

[Add to Cart](#)

© 2024 Delicious Deliveries. All rights reserved.

Delicious Deliveries

[Home](#)[Menu](#)[About](#)[Contact](#)

Total: ₹0

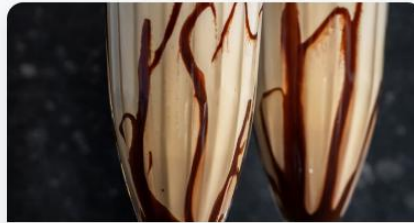
Our Menu

[All](#)[Vegetarian](#)[Non-Vegetarian](#)[Desserts](#)[Beverages](#)

Mango Lassi

Sweetened yogurt drink with mango flavor.

₹80

[Add to Cart](#)

Cold Coffee

Chilled coffee drink with milk and sugar.

₹100

[Add to Cart](#)

Coca-Cola

Classic cola beverage.

₹50

[Add to Cart](#)

Sprite

Refreshing lemon-lime soda.

₹50

[Add to Cart](#)

Lemon Iced Tea

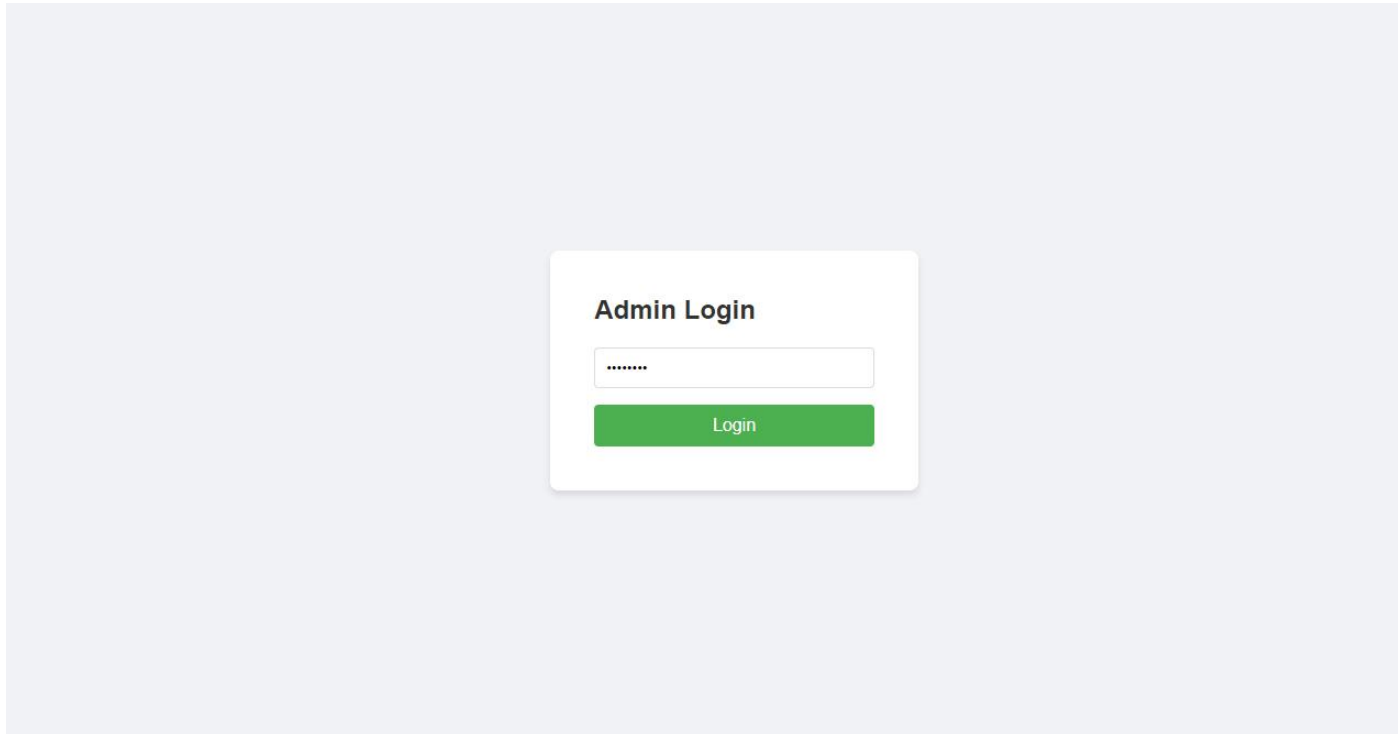
Chilled tea with a hint of lemon.

₹70

[Add to Cart](#)

© 2024 Delicious Deliveries. All rights reserved.

4.3.8 Admin



Admin Panel

Food Categories Food Menu Food Orders

Food Categories

Add Category

ID	Category Name	Actions
1	Vegetarian	Edit Delete
2	Non-Vegetarian	Edit Delete
3	Desserts	Edit Delete
4	Beverages	Edit Delete

Admin Panel

[Food Categories](#)[Food Menu](#)[Food Orders](#)

Food Menu

[Add Menu Item](#)

ID	Item Name	Category	Price	Actions
1	Paneer Butter Masala	Vegetarian	₹250	Edit Delete
2	Vegetable Biryani	Vegetarian	₹200	Edit Delete
3	Palak Paneer	Vegetarian	₹220	Edit Delete
4	Margherita Pizza	Vegetarian	₹300	Edit Delete
5	Aloo Gobi	Vegetarian	₹180	Edit Delete
6	Chole Bhature	Vegetarian	₹150	Edit Delete
7	Chicken Tikka Masala	Non-Vegetarian	₹280	Edit Delete
8	Butter Chicken	Non-Vegetarian	₹300	Edit Delete
9	Chicken Chowmein	Non-Vegetarian	₹220	Edit Delete
10	Chicken Kebab Biryani	Non-Vegetarian	₹280	Edit Delete
11	Chicken Momo	Non-Vegetarian	₹120	Edit Delete
12	Gulab Jamun	Desserts	₹80	Edit Delete
13	Rasgulla	Desserts	₹70	Edit Delete
14	Jalebi	Desserts	₹60	Edit Delete
15	Chocolate Brownie	Desserts	₹100	Edit Delete
16	Ice Cream Sundae	Desserts	₹120	Edit Delete
17	Kaju Katli	Desserts	₹200	Edit Delete
18	Mango Lassi	Beverages	₹80	Edit Delete
19	Cold Coffee	Beverages	₹100	Edit Delete
20	Coca Cola	Beverages	₹50	Edit Delete
21	Sprite	Beverages	₹50	Edit Delete
22	Lemon Iced Tea	Beverages	₹70	Edit Delete

Admin Panel

[Food Categories](#)[Food Menu](#)[Food Orders](#)

Food Orders

Order ID	Customer	Items	quantity	Total	Status	Actions
1001	Manisha Budachhetri	Paneer Butter Masala, Mango Lassi	2 plates each	₹330	Pending	Update Status
1002	Sujata Chudal	Chicken Tikka Masala, Butter Chicken	1 plate each	₹580	Delivered	View Details
1003	Manalisa Rajbanshi	Vegetable Biryani, Gulab Jamun	3 plates each	₹280	Pending	Update Status
1004	Sumitra Sherma	Chicken Chowmein, Cold Coffee	2 each	₹320	Pending	Update Status

4.4 Result & Discussion

The final product is a complete web-based Restaurant Management System that can be used in any restaurant. This system helps manage the restaurant more effectively, efficiently, and smoothly. It is secure and has a fast and organized authentication process for record maintenance.

In today's technology-driven world, people want everything to be smooth and efficient using data and information. Our Restaurant Management System is an ideal platform for this. Its user-friendly interface helps customers easily find and order their desired menu items with just a few clicks. Customers can browse the menu options and place an online order from home. They can then receive their food quickly.

4.5 Application

Restaurants, takeaways, and food businesses benefit from online meal ordering software designed specifically for them. Customers enjoy the convenience of online meal ordering, which is why it is growing quickly. Increase your sales by downloading our online food ordering application.

With this food ordering website, customers can place orders from their computers, tablets, and smartphones. They can browse your menu, choose what they want, and place an

order online. Online payments are also accepted. Meals can be picked up in person or delivered to customers.

Using an online food ordering app or a restaurant ordering app has many benefits, including reduced labor costs, fewer walk-away customers, and shorter wait times. This system is designed for independent and multi-location chains that offer food to go, including restaurants, fast food outlets, take-out, and other catering services.

Putting your business online will help you generate more revenue and enhance your marketability. Your online menu will give current customers a great new way to place orders, and new customers will easily find you through popular search engines. The system is customized to match the style and feel of your current website. In the digital age, we help business owners grow their enterprises.

4.6 Advantages

- It is quick, simple, and pleasant.
- Managing an online menu is easier.
- Access is only a click away.
- Less work for you.

4.7 Limitations of the System

The system has some limitations. The shopping cart has only a few basic functions and cannot be highly customized. Also, most of the app's functions, including validation, are done by the server. This increases the server's workload, especially when many users access the app at the same time.

To fix this, client-side languages like JavaScript or HTML5 can be used for data validation. Additionally, the order model has been created.

CHAPTER-05

Conclusion & Future Work

5.1 Conclusion

Restaurant Management System is a web-based technology that aids the restaurant industry in carrying out tasks effectively and efficiently. It aids in managing cash flow for managers. Managers can view analytics data to assess company growth. The manager can control orders and employee schedules by using this system. The full complement is a restaurant management system. It provides access to the Online Order platform, third-party connectors software, and comprehensive CRM solution, which together cover a sizable portion of your restaurant's requirements. They are not the outdated hardware and software sets for restaurants that were previously offered. They are the hottest things around, smooth, manageable, inexpensive, and quick.

In the "Online Food Ordering Project," we made every effort to meet all the demands of the restaurant. Because it is straightforward and adaptable, the project is successful. The biggest benefit of my project is that it draws plenty of users because of its simplicity. A novice user may operate it with ease. Any type of restaurant can utilize our software. By automating meal ordering, billing, and inventory control, the restaurant management system assists the restaurant manager in managing the restaurant more successfully and efficiently. The system handles the transaction and stores the data produced. These data will be used to create reports that assist the restaurant manager in making wise business decisions. For example, the manager can decide whether more waiters, delivery men, delivery carts, and cooks are needed based on how many clients will be present during a specific time period. When this project is finished, all security concerns will be resolved. Additionally, a quick and secure authentication process will be used for record maintenance. Because it automatically pulls information about a consumer from the database on subsequent visits, data entry is quick and easy. As a result, our program will undoubtedly succeed in replacing the antiquated manual way of storing secure information. The work plan also specifies the specific front end and back end characteristics of the technology being used in the project. Future project goals and its scope have been elaborated.

5.2 Future Work

Each project should pay close attention to future development because it contains the system's most recent features. It lessens software issues and defects. It develops a close

relationship with customers based on their comments or preferences. Developer will incorporate certain dynamic elements that are briefly described below into my restaurant management system. Reporting module with real time mechanism.

- Modern architecture with smooth transitions.
- System for email and mobile confirmation.

REFERENCE

1. Kirti Bhandge et al. (2015): They proposed a food ordering system using a touchpad and Android app, aiming to make ordering easier through touch technology.
2. Varsha Chavan et al. (2015): They created a customizable online food ordering system with a web application, allowing users to tailor their ordering experience.
3. Resham Shinde et al. (2014): They worked on a digital dining system for restaurants using Android, focusing on modernizing restaurant ordering.
4. Ashutosh Bhargave et al. (2013): They developed a digital ordering system for restaurants using Android, enhancing how customers place orders.
5. Khairunnisa K. et al. (2009): They discussed a wireless food ordering system, emphasizing the convenience of ordering food wirelessly.
6. Noor Azah Samsudin et al. (2011): They introduced a customizable wireless food ordering system that includes real-time feedback from customers.
7. Serhat Murat Alagoza and Haluk Hekimoglu (2012): They analyzed customer attitudes towards online food ordering systems.
8. Patel Krishna et al. (2015): They created an automated food ordering system, focusing on streamlining the ordering process.
9. Mayur D. Jakhete and Piyush C. Mankar (2015): They implemented a smart restaurant system with an electronic menu card, aiming to modernize the dining experience.
10. Abhishek Singh et al. (2018): They developed an online food ordering system, focusing on improving the efficiency and ease of online food ordering.

