



# Third Year Engineering

## Full Stack Frontend Development

**Student Name:** Suhasini Nanaware

**Enrollment Number:** ADT23SOCB1566

**Project Title:** Multi-Cuisine Restaurant Website

**Guide/Supervisor:** Prof. Rohini Bhosale

**Institution/Department:** MIT ADT University -  
School of Computing

**Date:** 07-11-2025





## **Introduction:**

The *Multi-Cuisine Restaurant Website* is a dynamic web application that allows customers to explore menus, register, log in, add items to their cart, and contact the restaurant online. It enhances accessibility and improves customer engagement.

## **Problem Statement:**

Traditional restaurants lack digital presence and efficient ordering systems, limiting customer reach and convenience.

## **Motivation:**

To create an appealing and functional restaurant website that simplifies food selection and ordering while showcasing menu diversity.

## **Proposed Solution:**

A responsive, user-friendly website built with HTML, CSS, JavaScript & React that enables customers to browse, order, and connect with the restaurant efficiently.





## Scope and Objectives

### **Includes:**

Home, About, Menu, Cart, Contact, Login, and Registration pages.  
Form validation and cart management using JavaScript.

### **Excludes:**

Online payment gateway (future scope).  
Live order tracking.

### **Key Objectives:**

Implement form validation and localStorage-based authentication.  
Design a responsive, attractive UI.  
Develop a dynamic cart system using JavaScript.  
Enhance user experience through clean navigation and interaction.





## Technology Stack

Category

Technologies Used

**Front-End**

React.js, HTML5, CSS3, JavaScript, Tailwind CSS

**Database**

(optional), LocalStorage for this version

**Other Tools**

Git, GitHub, npm, VS Code.







## Database Design

### ER Diagram Example:

**User** (UserID, Name, Email, Password)

**MenuItem** (ItemID, ItemName, Price, Category)

**Cart** (CartID, UserID, ItemID, Quantity, Total)

### Relationships:

One user can have multiple items in a cart.

One menu item can appear in multiple users' carts.





## Implementation & Results (Front-end)



### Explore Our Menu



#### Korean Bibimbap

Spicy rice bowl with veggies

₹499

[View Dish](#)



#### Japanese Sushi Platter

Assorted veggie sushi rolls

₹899

[View Dish](#)



#### Italian Pasta

Creamy Alfredo with herbs

₹599

[View Dish](#)



#### Indian Thali

Complete traditional meal

₹449

[View Dish](#)



#### Chinese Dumplings

Soft and juicy veggie dumplings

₹399

[View Dish](#)



#### French Crepes


Light & sweet dessert crepes

₹349


[View Dish](#)






 **Gourmet Delight**

HomeMenuAboutCartRegisterLoginProfile




## Your Cart

Review your delicious picks before checkout




**Sushi Platter**  
₹899.00  
Qty:

₹NaN  
X Remove



**Chinese Dumplings**  
₹299.00  
Qty:

₹NaN  
X Remove



**Korean Bibimbap**  
₹449.00  
Qty:

₹NaN  
X Remove

### Order Summary

Subtotal


₹NaN


Delivery

₹2.50

Total

₹NaN


 Proceed to Checkout

 Clear Cart

© 2025 Gourmet Delight — All Rights Reserved

Follow us: [Instagram](#) | [Facebook](#) | [Twitter](#)

## Welcome Back



Log in to continue to Gourmet Delight

Email

Password

Login

Don't have an account? [Register here](#)





## Create Your Account ✨

Full Name

Email Address

Password

Sign Up 🌟



**Gourmet Delight**

[Home](#)

[Menu](#)

[About](#)

[Cart](#)

[Register](#)

[Login](#)

[Profile](#)



**Guest User**

p@gmail.com

**Favorite Cuisine:** Japanese 🍣

**Member Since:** 2025

Edit ✎

Logout 🚪



**Recent Orders**

Sushi Platter - ₹899

Veg Ramen Bowl - ₹499

Spicy Korean Bibimbap - ₹599



**Preferences**

You enjoy authentic Asian cuisines with vegetarian options.





## Challenges and Solutions

### Challenge

React state management complexity

Navigation between pages

LocalStorage persistence

### Solution

Used React Hooks

Used conditional rendering /  
React Router

Implemented logic to store  
user session data





## Conclusion and Future Scope

- Successfully developed a fully functional and responsive Multi-Cuisine Restaurant Website showcasing diverse food categories & details attractively.
- Gained hands-on experience in front-end development using HTML5, CSS3, JavaScript & React, focusing on responsive layouts, DOM manipulation & client-side data handling.
- Enhanced understanding of user experience design, navigation flow & project structuring, resulting in a professional & aesthetically pleasing restaurant interface.

### Future Enhancements:

- **Admin Dashboard** for managing menu items, orders & user accounts.
- **Online Payment Integration** using Razorpay or Stripe for secure transactions.
- **Order Tracking System** to provide real-time updates to users.
- **Customer Reviews & Ratings** section for better engagement & feedback.
- **Dark/Light Mode** toggle to enhance user accessibility & design appeal.





**THANK YOU**

