



## Third Year Engineering Full Stack Frontend Development

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**Enrollment Number:** ADT23SOCB1566

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

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## 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

Front-End

Database

Other Tools

Technologies Used

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

(optional), LocalStorage for this version

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)

**Gourmet Delight**

Home Menu About Cart Register Login Profile

**Discover Global Flavors in One Place**

Authentic vegetarian cuisines inspired by Korean, Japanese, Indian, and Chinese kitchens — crafted with care and love.

[Explore Menu](#)

### 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** Home Menu About Cart Register Login Profile

**Your Cart**  
Review your delicious picks before checkout

Item	Quantity	Price	Action
Sushi Platter	1	₹899.00	<input type="button" value="Remove"/>
Chinese Dumplings	1	₹299.00	<input type="button" value="Remove"/>
Korean Bibimbap	1	₹449.00	<input type="button" value="Remove"/>

**Order Summary**

Subtotal	₹NaN
Delivery	₹2.50
Total	₹NaN

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**Welcome Back**

Log in to continue to Gourmet Delight

**Email**

**Password**

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.

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## 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

