BAUET Cafeteria Management System User Manual

Introduction

Overview

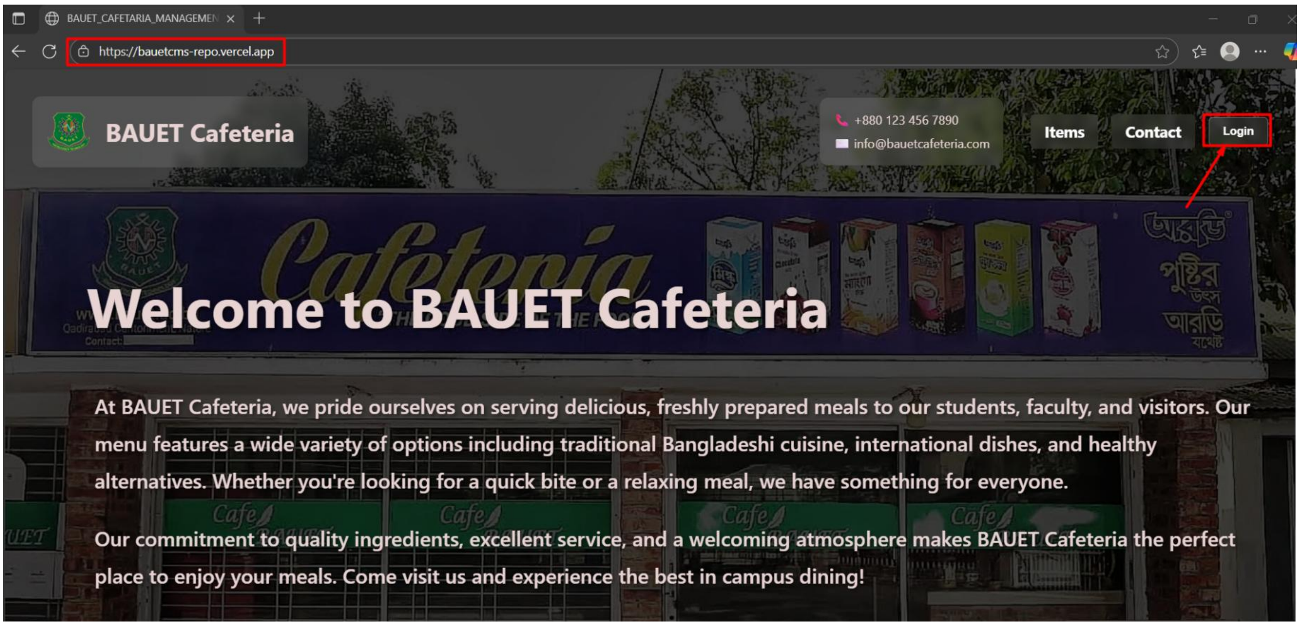
The BAUET Cafeteria Management System is a React-based web application designed to facilitate seamless food ordering for students and faculty at BAUET. The backend services are powered by Firebase, ensuring secure authentication, real-time database management, and storage.

Prerequisites

- Modern web browser (Google Chrome, Mozilla Firefox recommended)
- Active internet connection
- Compatible devices: Desktop, Tablet, Mobile

Accessing the App

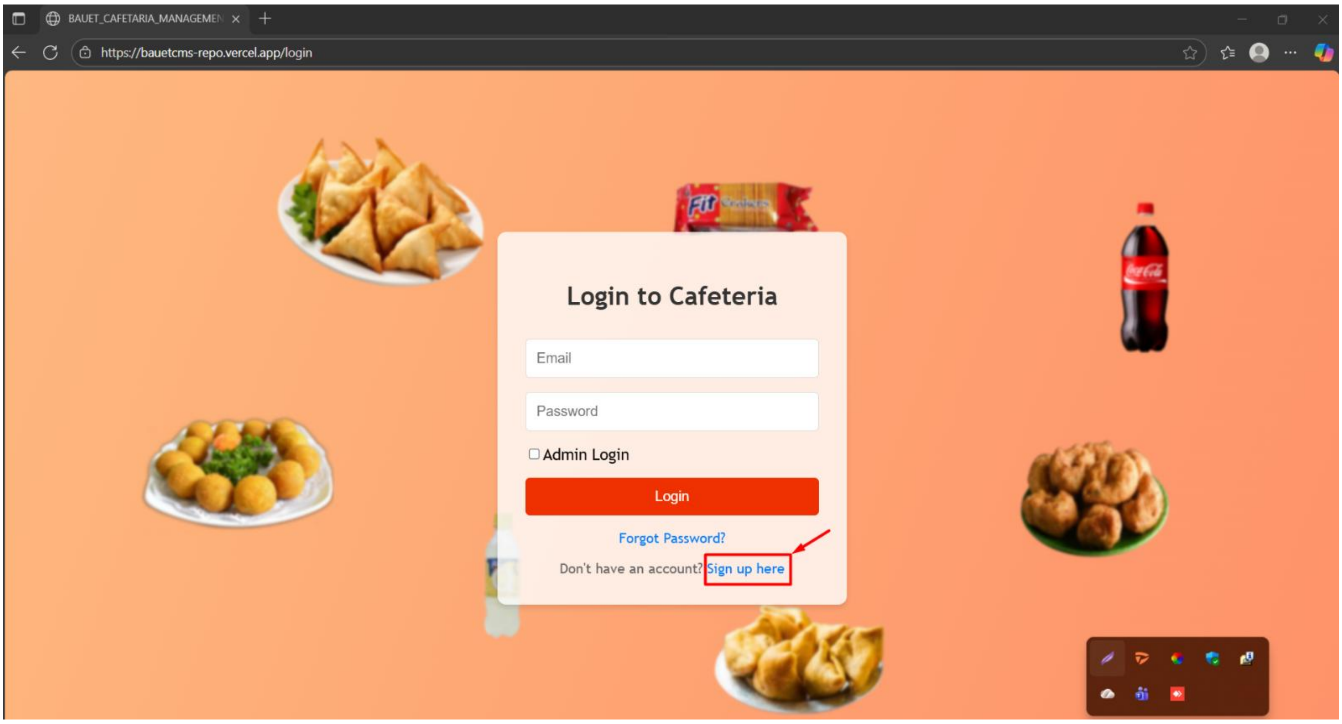
1. Open your preferred browser.
2. Navigate to the URL: **https://bauetcms-repo.vercel.app/**
3. The landing page will load, presenting options to **Login**.



2. User Registration Workflow

Step 1: Navigate to Registration Page

- On **Login Page**, click the **Sign Up** button.

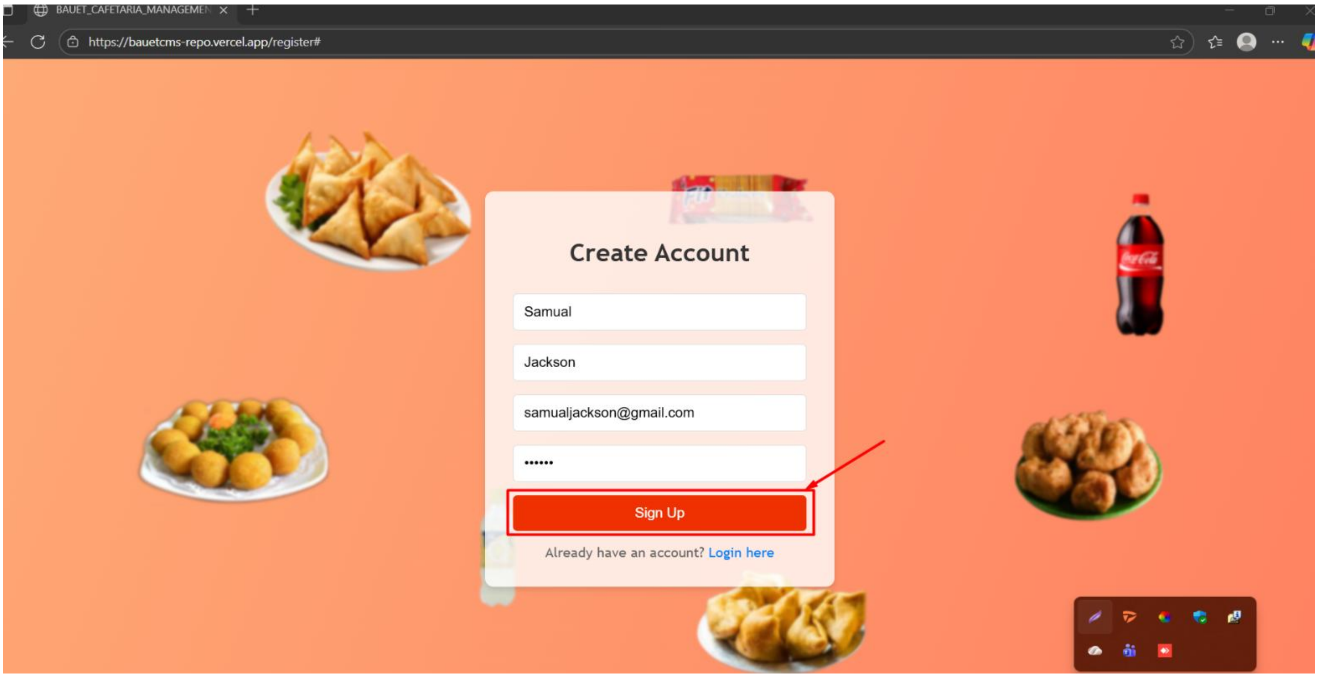


Step 2: Fill Out Registration Form

On **Registration page**, enter:

- User name
- Email address
- Password
- Click the **Sign Up** button below the form.

It will save the data of the user and that data will be used as user login.



Step 3: Handle Success or Errors

- On success:
  - Redirects to Login page.
- On error (e.g., email already exists):
  - Display an alert message showing the error.

3. User Login Workflow

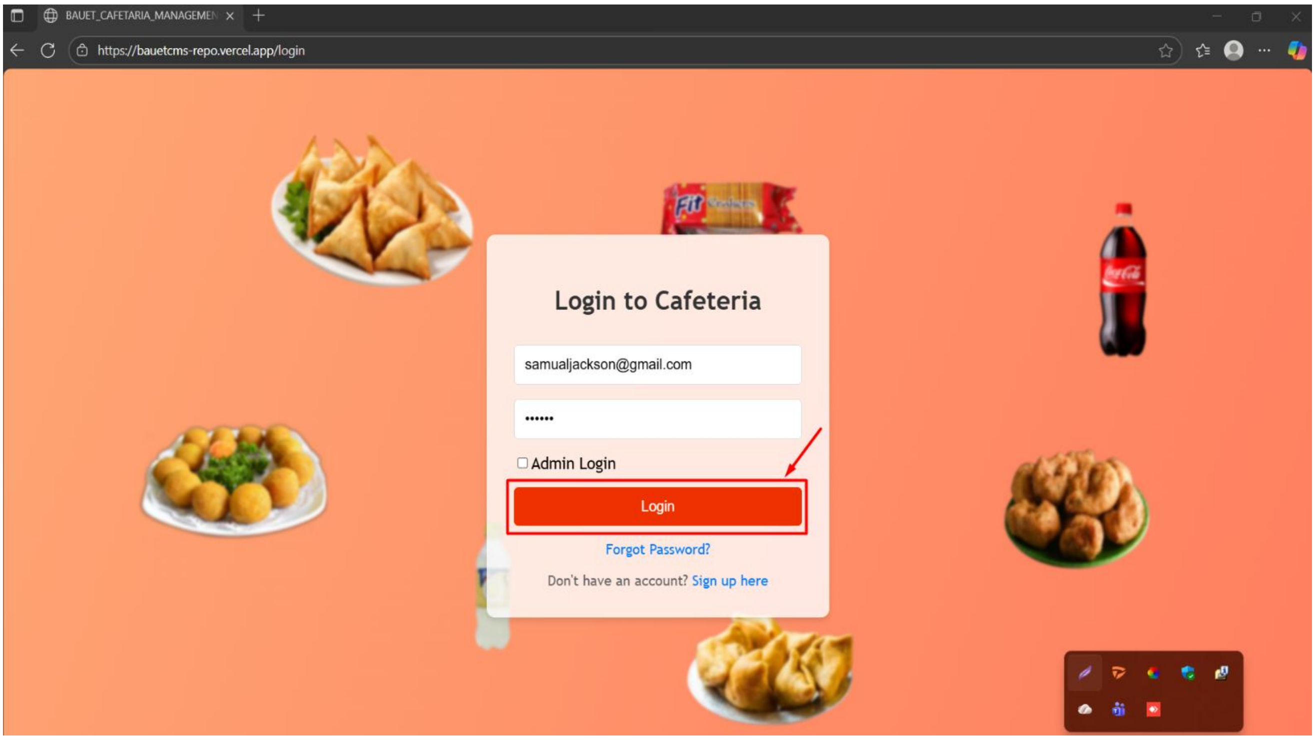
Step 1: Navigate to Login Page

- From **Homepage**, click **Login** button.

Step 2: Enter Credentials

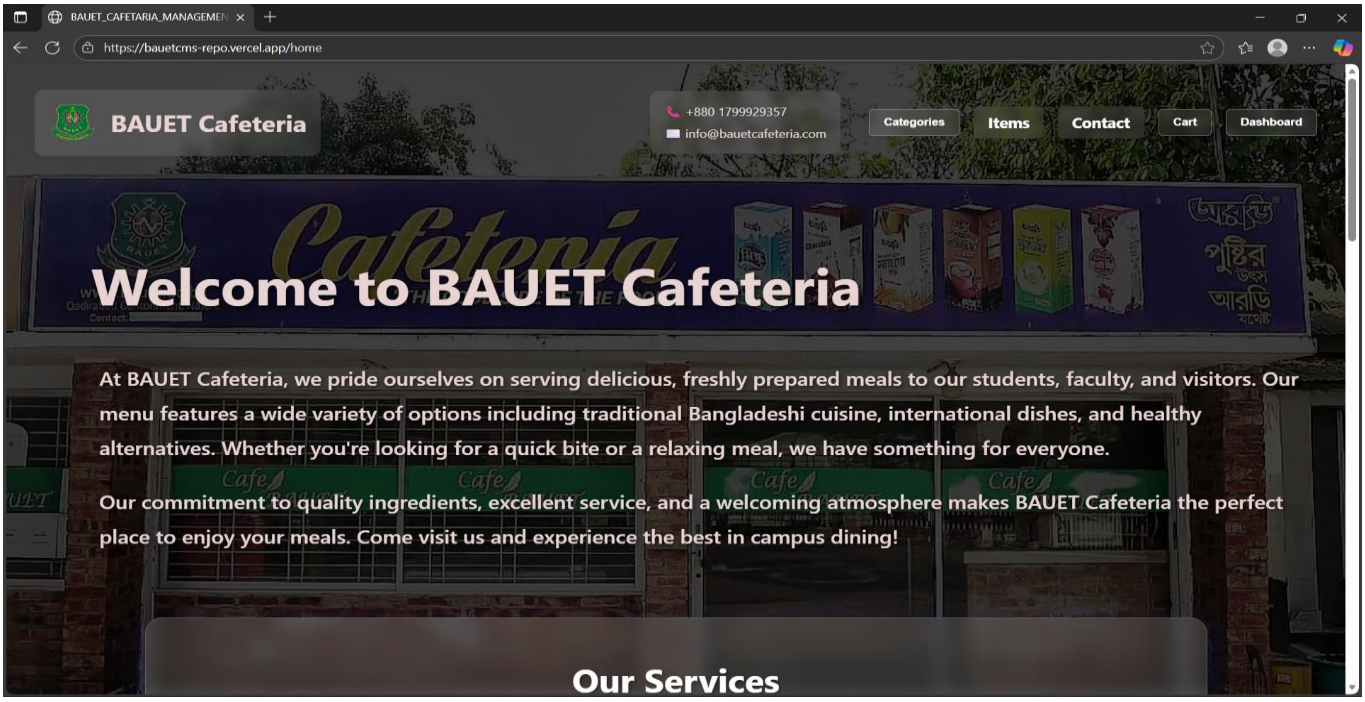
On **Login Page**, input:

- Registered Email
- Password
- Click **Login** button.



Step 3: Post-login Actions

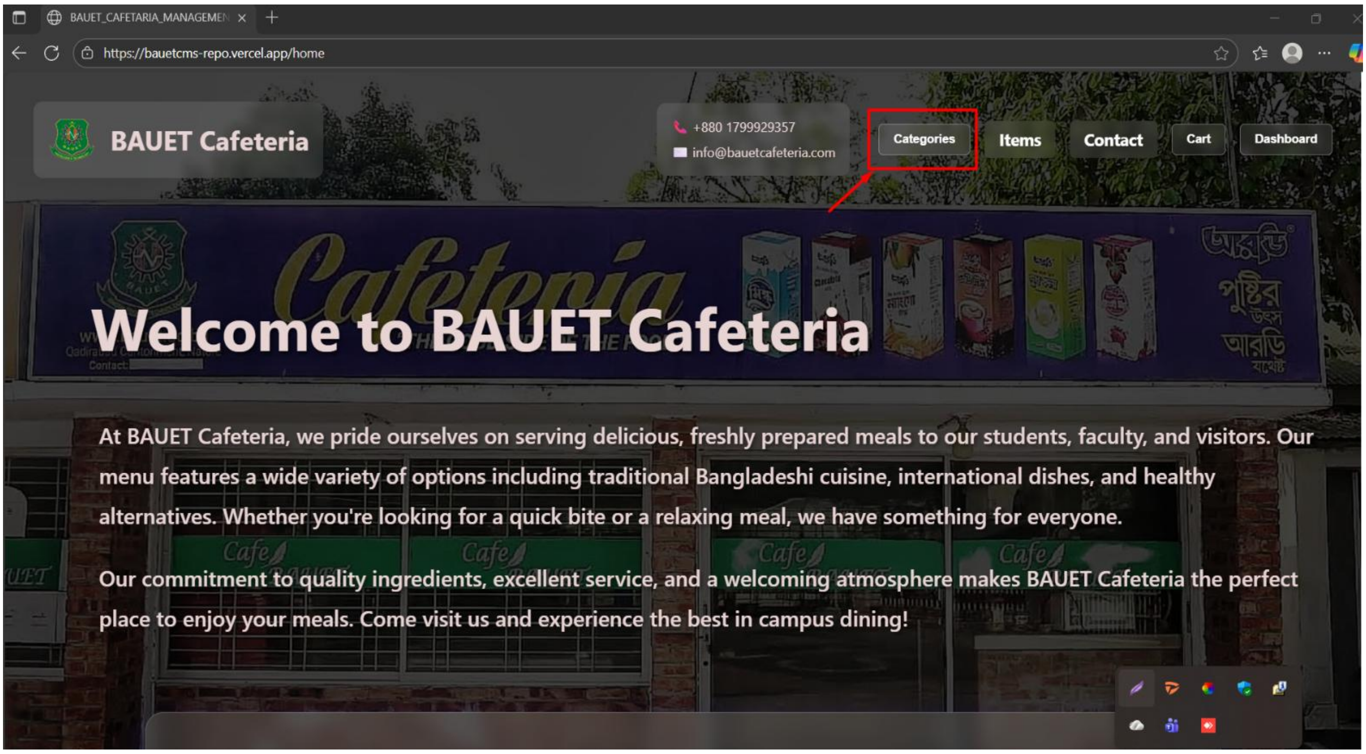
- On success:
  - Redirects to **Homepage** for the **User.**
- On failure: Error message displayed (e.g., "Invalid credentials").



4. Menu Browsing Workflow

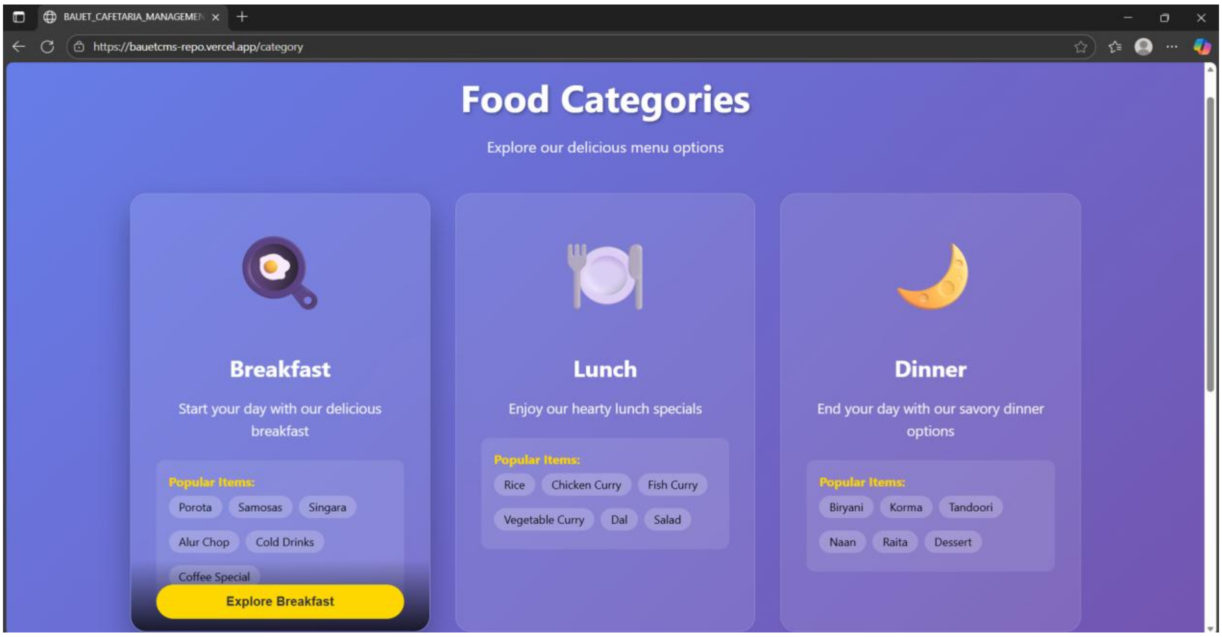
Step 1: View Menu Categories on Homepage

- Categories such as Breakfast, Lunch, Dinner displayed as buttons/cards.



Step 2: Select a Category

- Click on a category button (e.g., **Breakfast**) to navigate to respective category page.



Step 3: Browse Items in CategoryPage.js

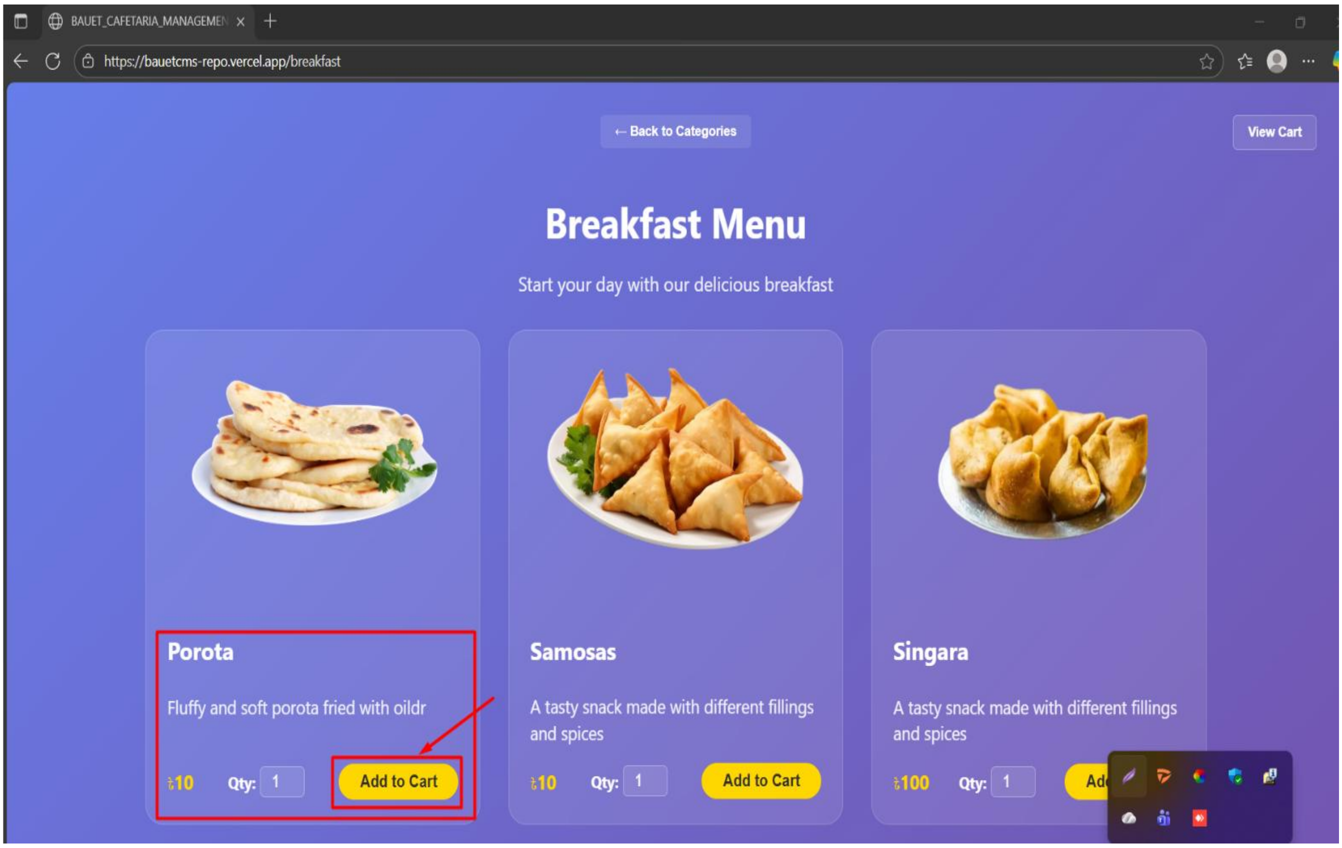
Items displayed with:

- Name, Price, Image, Quantity

5. Adding Items to Cart Workflow

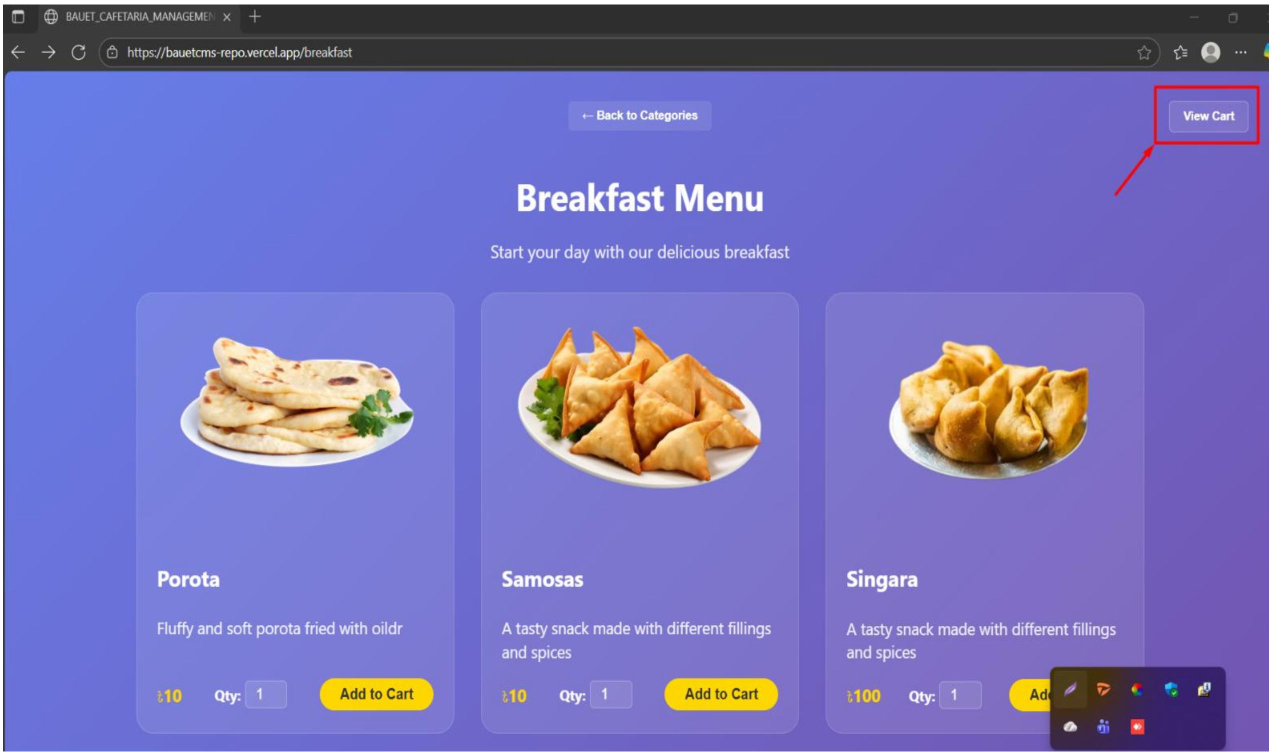
Step 1: Select Item from Category

- Click an item's card or select it for quantity adjustment.
- Click **Add to Cart** button on the item card.



Step 2: View Updated Cart Icon Status and Access Cart Page

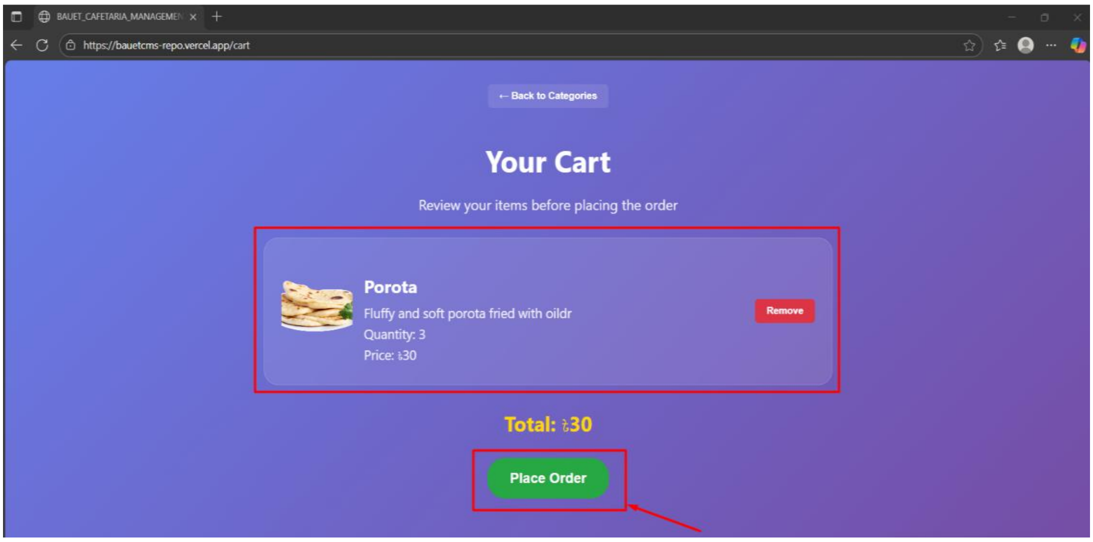
- Cart page updates with item count.
- Click cart button to open **Cart** page.



6. Cart Management Workflow

Step 1: Review Cart Contents on Category and placing order

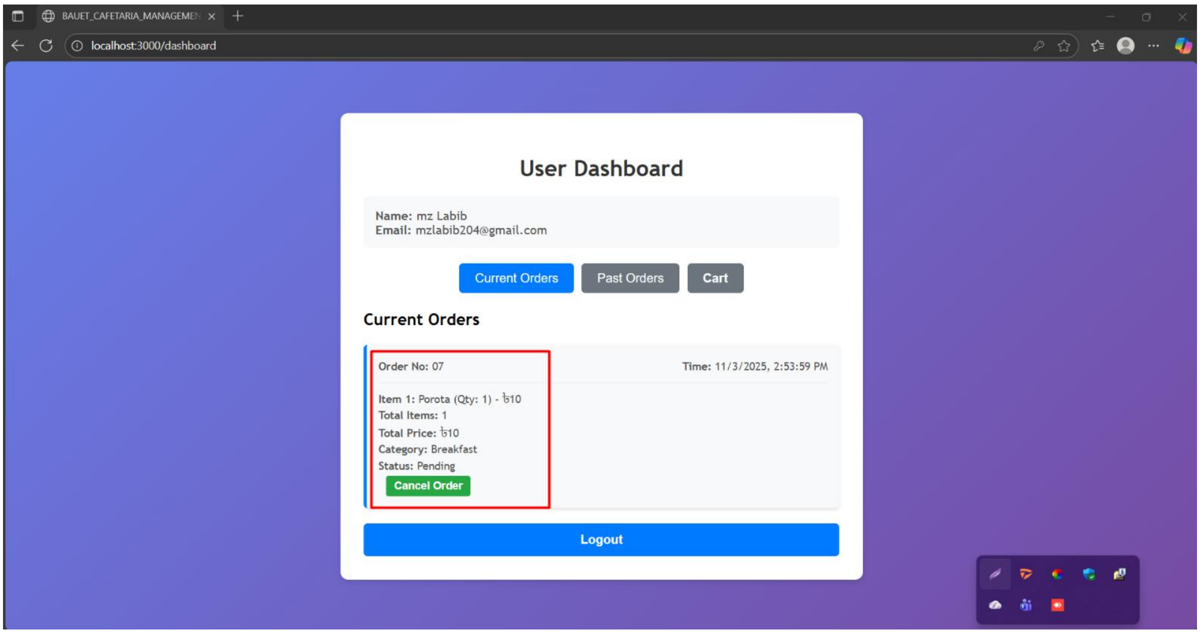
- Display all added items.
- Show individual quantities and total order price.
- Click "**Remove**" button beside any item you wish to delete.
- Click the "**Place Order**" button to place the order



7. Order Placement and Tracking Workflow

Step 1: Order Submission Confirmation and Redirect

- After clicking **Place Order**, order data pushed to Firebase.
- Serial number generated.
- Data is redirected automatically to **Dashboard**.



- **View Current Orders & Statuses in Dashboard**

  Statuses include:

  →Pending, Accepted

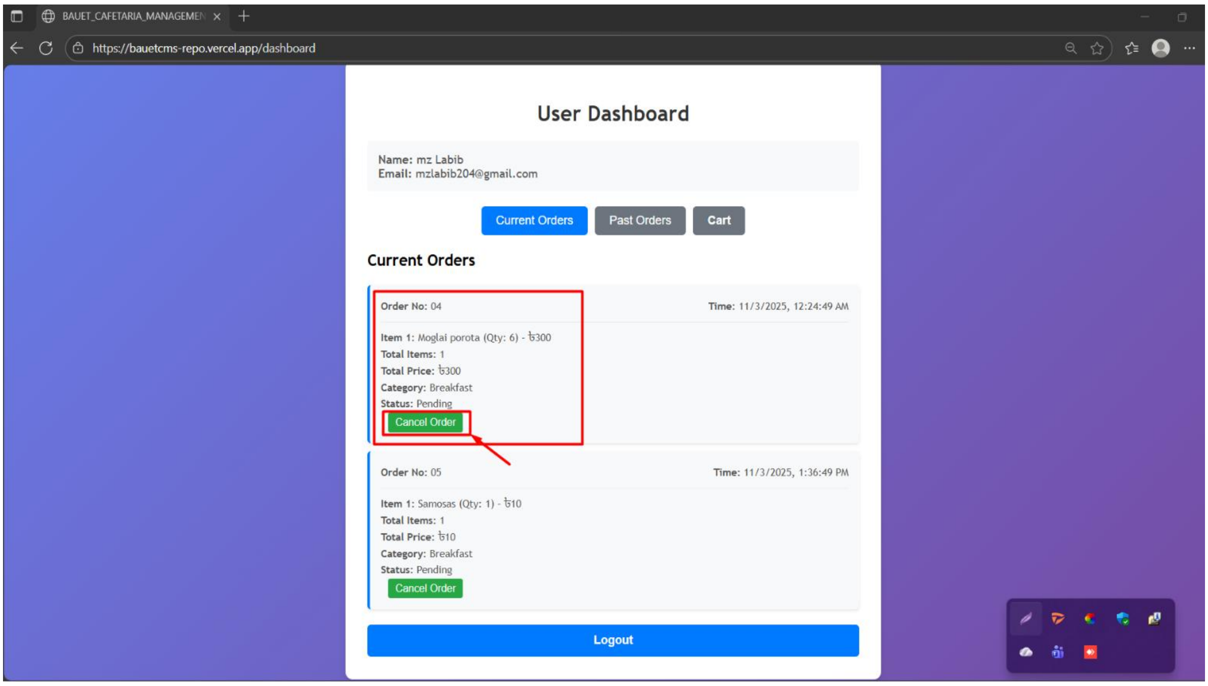
- **Access Detailed View of an Order**

  On the order entry the card displays:

  →Ordered items, Timestamp

Step 2: Cancel Pending Orders

For orders with status “Pending”, click "**Cancel Order**" button inside details view or dashboard listing.



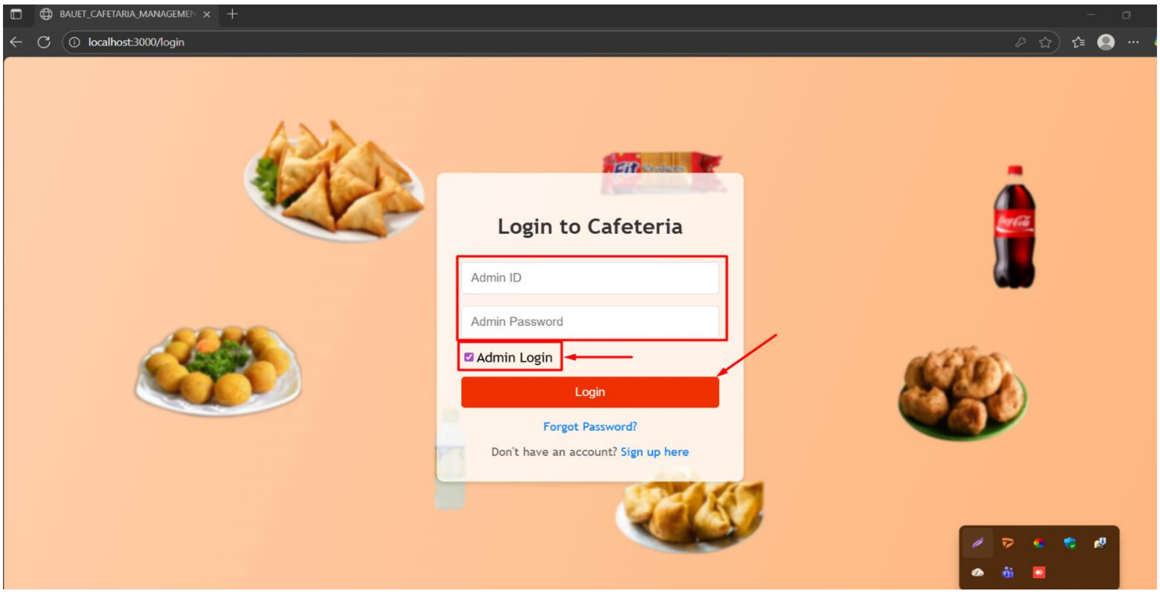
The user can logout by clicking in the **"Logout"** button.

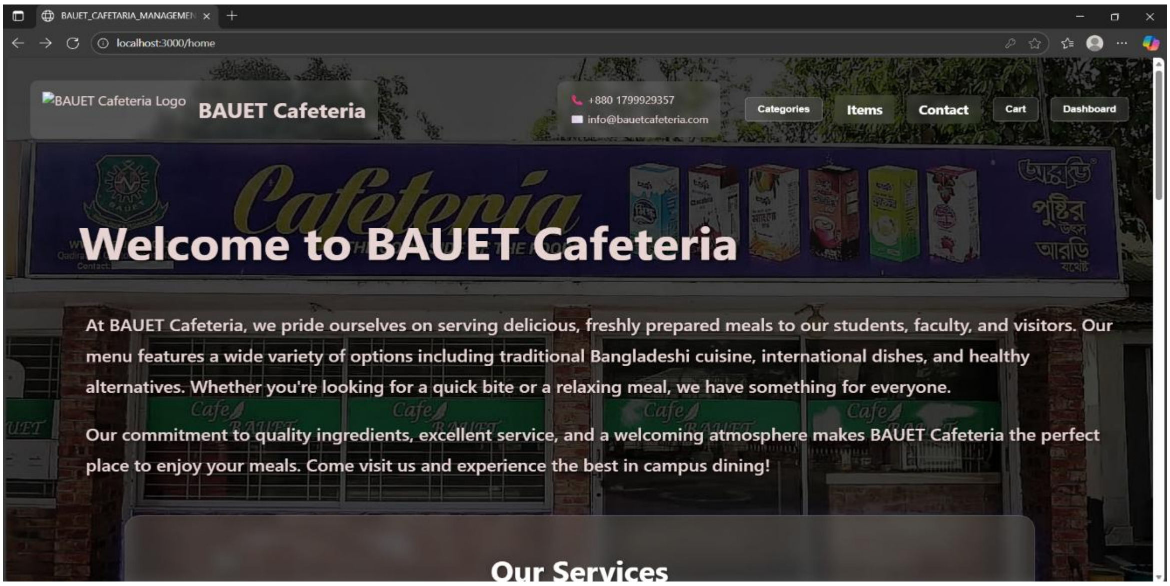
8. Admin Login and Access Workflow

Step 1: Admin Login Process

Admins log in using same login form but have different access rights. To login as an **admin**, click at the **"admin login"** and enter the **"Admin id"** and **"Password"**

On successful admin login, redirected automatically to **"Admin Homepage"**.





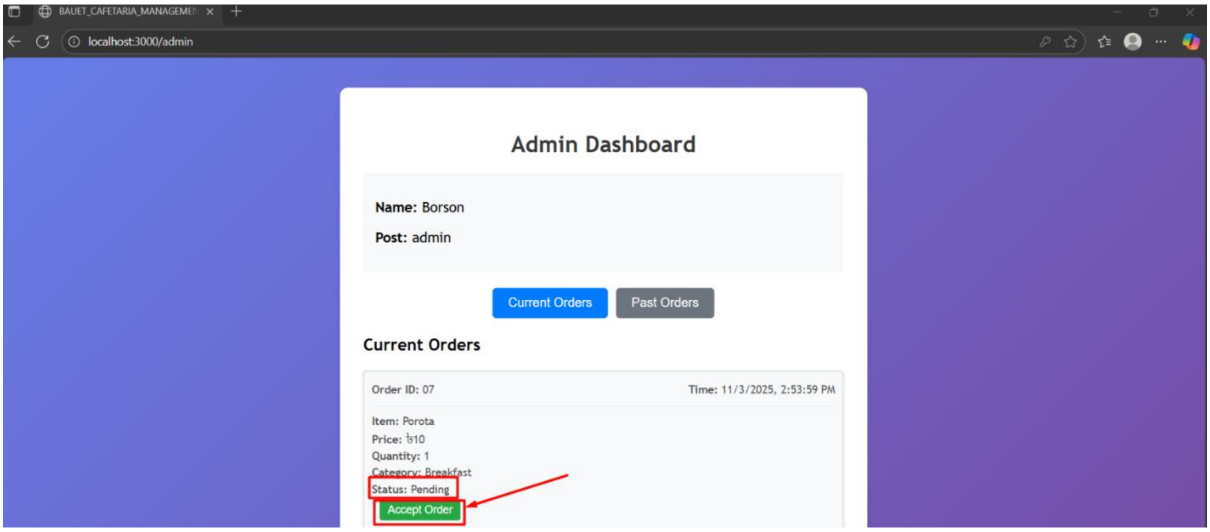
9. Admin Order Management Workflow

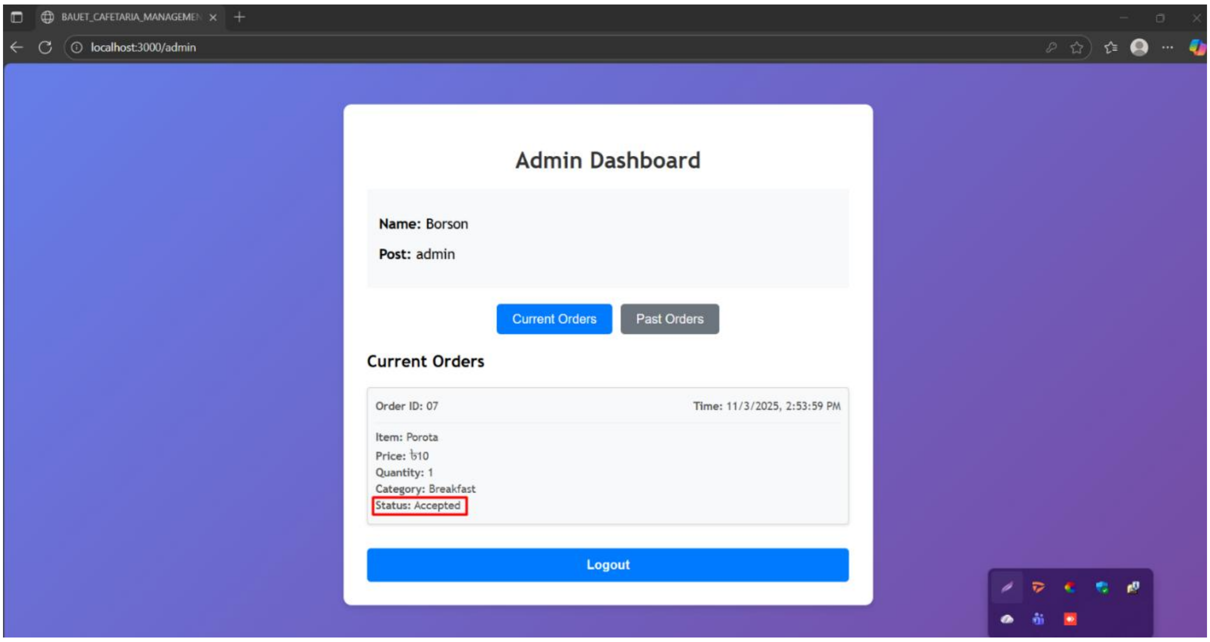
Step 1: View Pending Orders List in Admin Dashboard

- Orders shown prioritized by status **“Pending”**.

Step 2: Accept a Pending Order

- Click "**Accept**" button next to selected order entry.
- Order status changes from “Pending” → “Accepted”.
- After acceptance, system auto-completes order after approximately *10 seconds* (for demonstration/testing purposes).



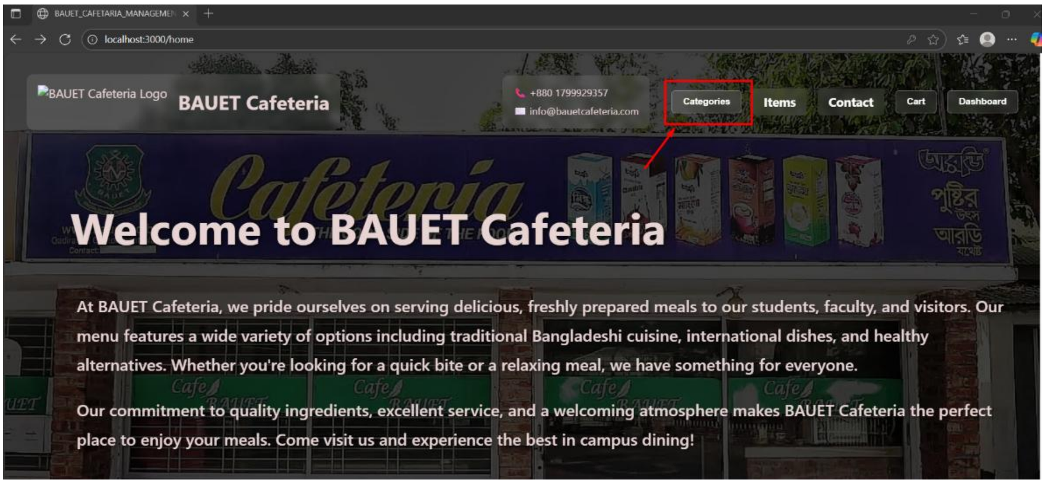


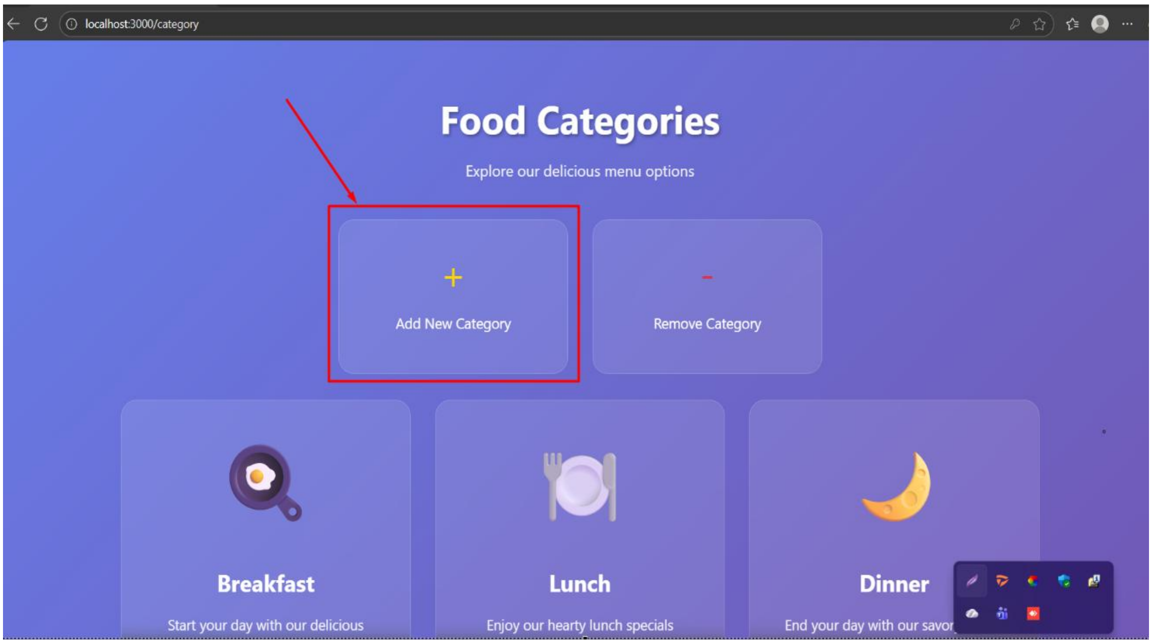
10. Admin Menu Management Workflow

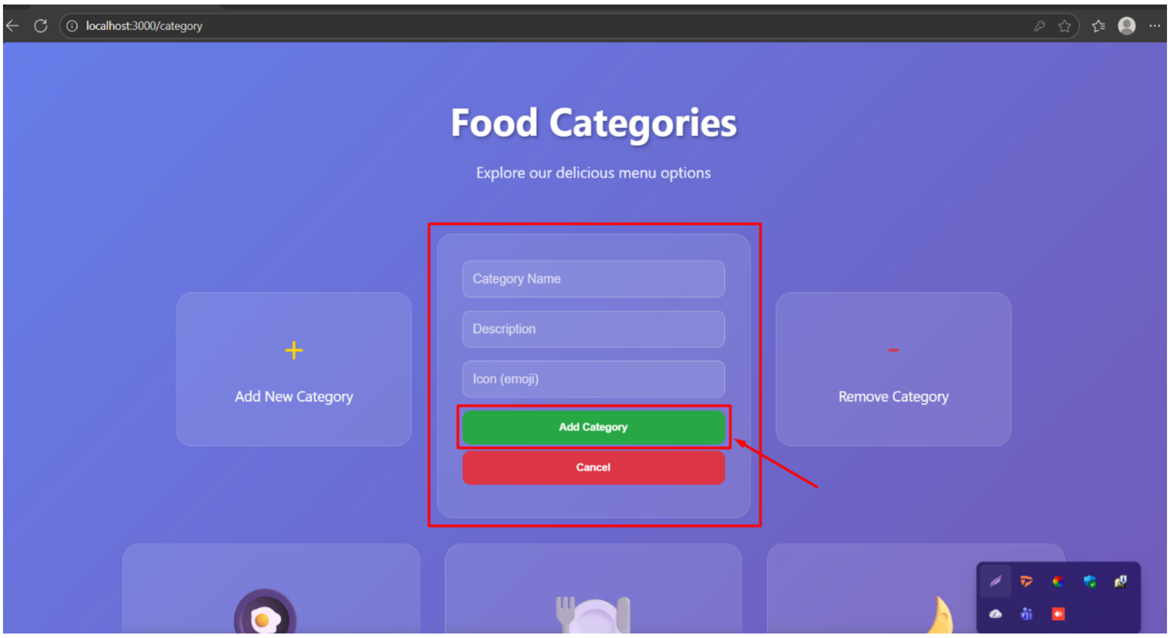
Adding Categories:

Steps:

1. On **Admin**, go to the **Category** button on homepage and go to the **Category** section.
2. Click the **Add Category** button.
3. Enter the information for the new category.
4. Click **Save** to add the category. The system validates and prevents duplicates or empty entries.





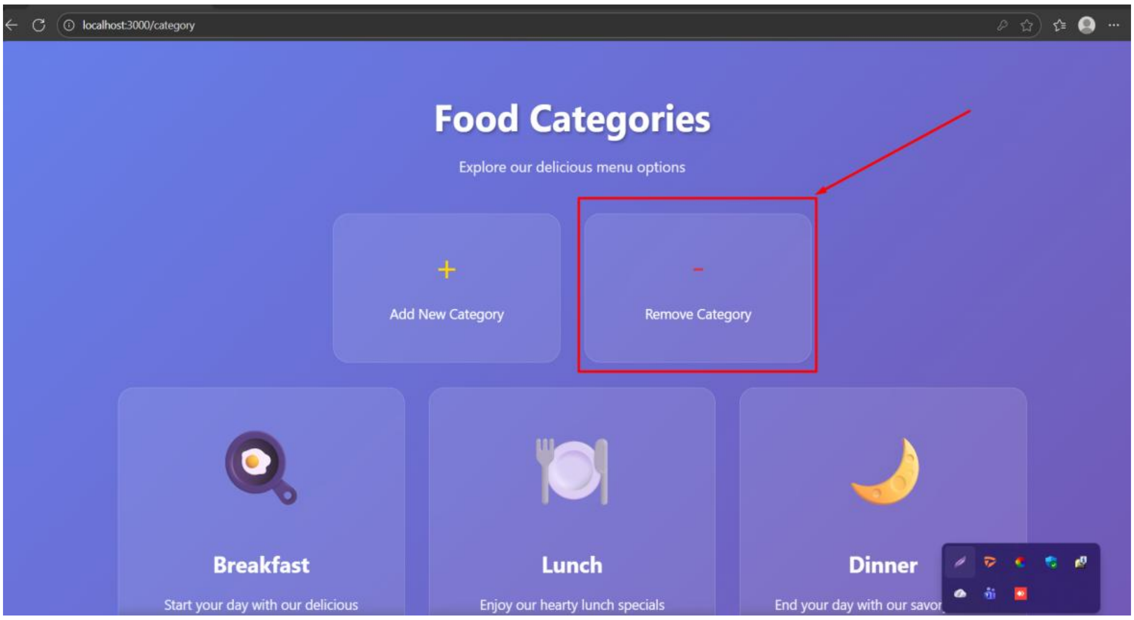


The new category will be added below as a card.

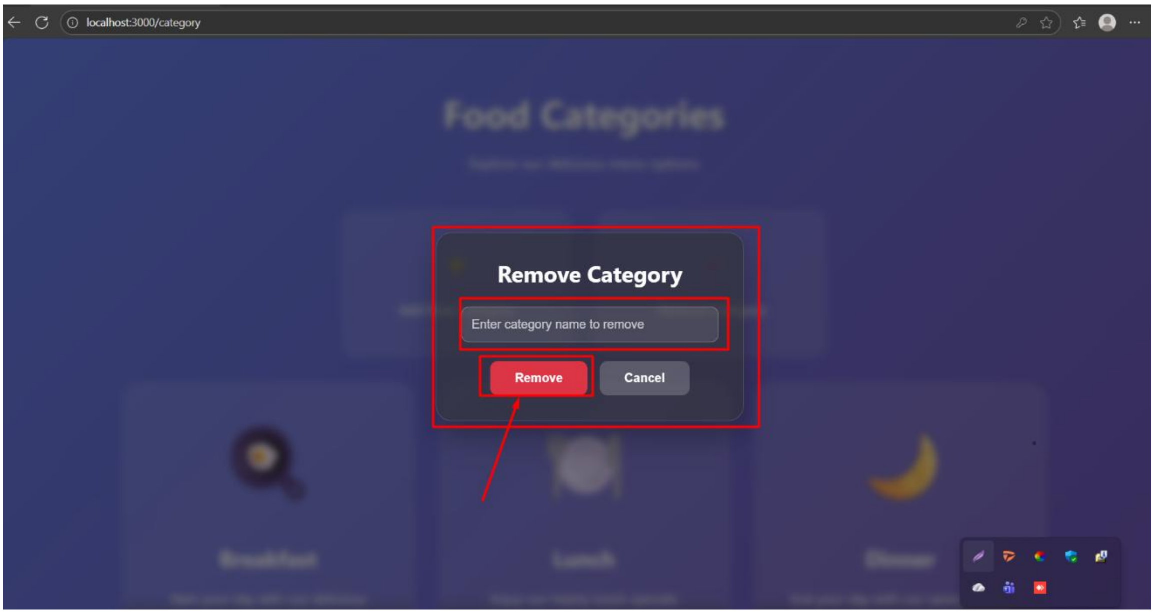
Deleting Categories:

Steps:

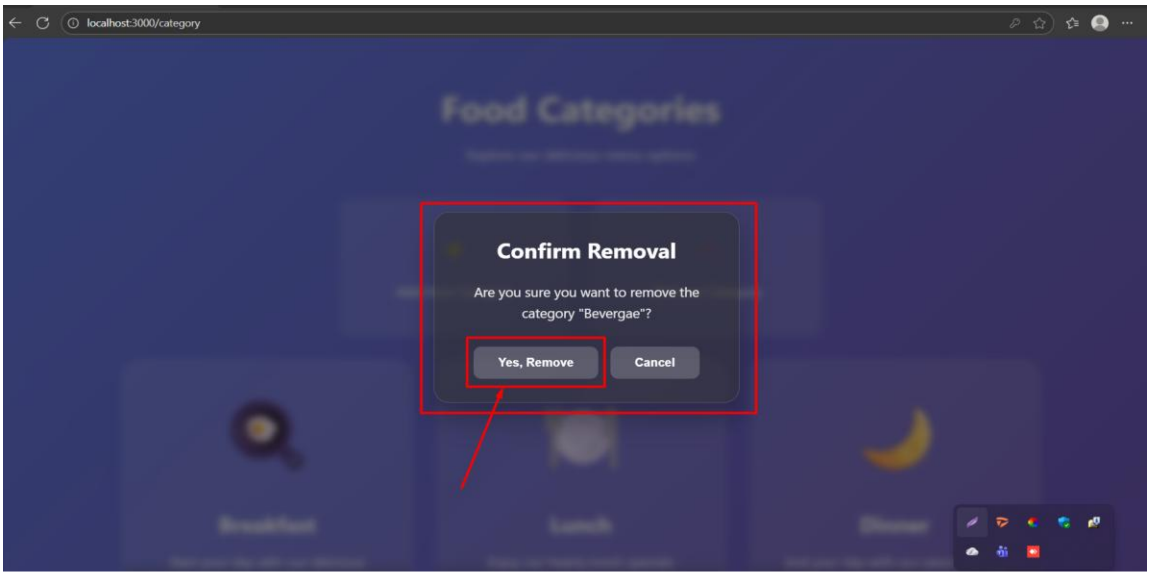
1. Find the category you wish to delete in the existing categories list.
2. Click on the corresponding **Remove Category** button and enter the name of the category and click the **Remove** Button.
3. Confirm deletion by clicking **Yes, remove** button in the prompt that appears.



localhost:3000/category
Food Categories
Explore our delicious menu options
+
Add New Category
-
Remove Category
Breakfast
Start your day with our delicious
Lunch
Enjoy our hearty lunch specials
Dinner
End your day with our savor



localhost:3000/category
Remove Category
Enter category name to remove
Remove
Cancel



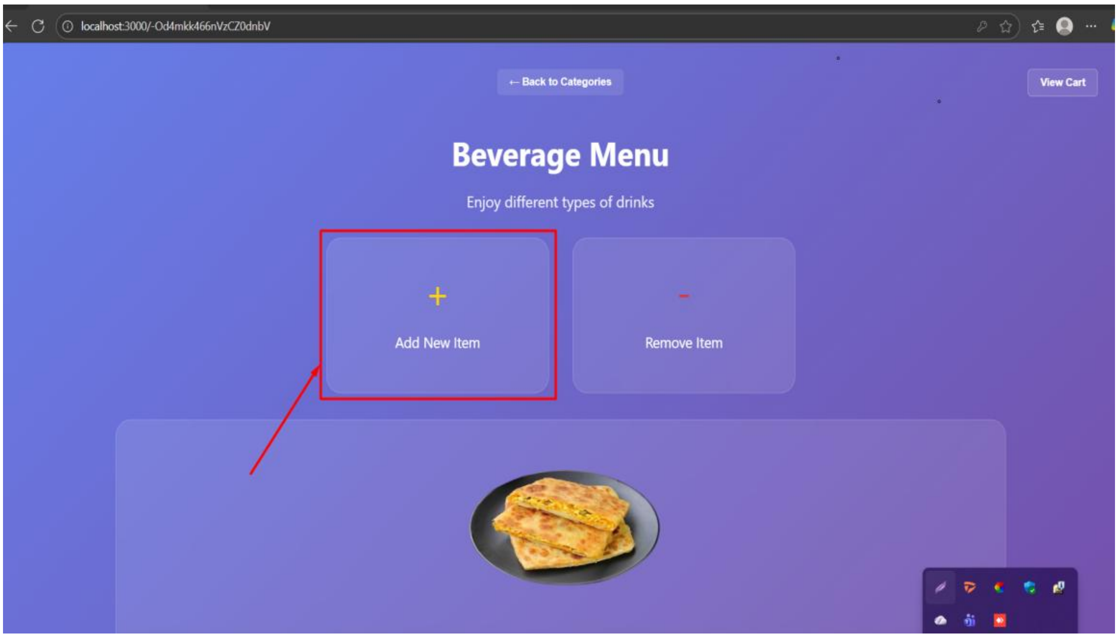
localhost:3000/category
Confirm Removal
Are you sure you want to remove the category "Bevergae"?
Yes, Remove
Cancel

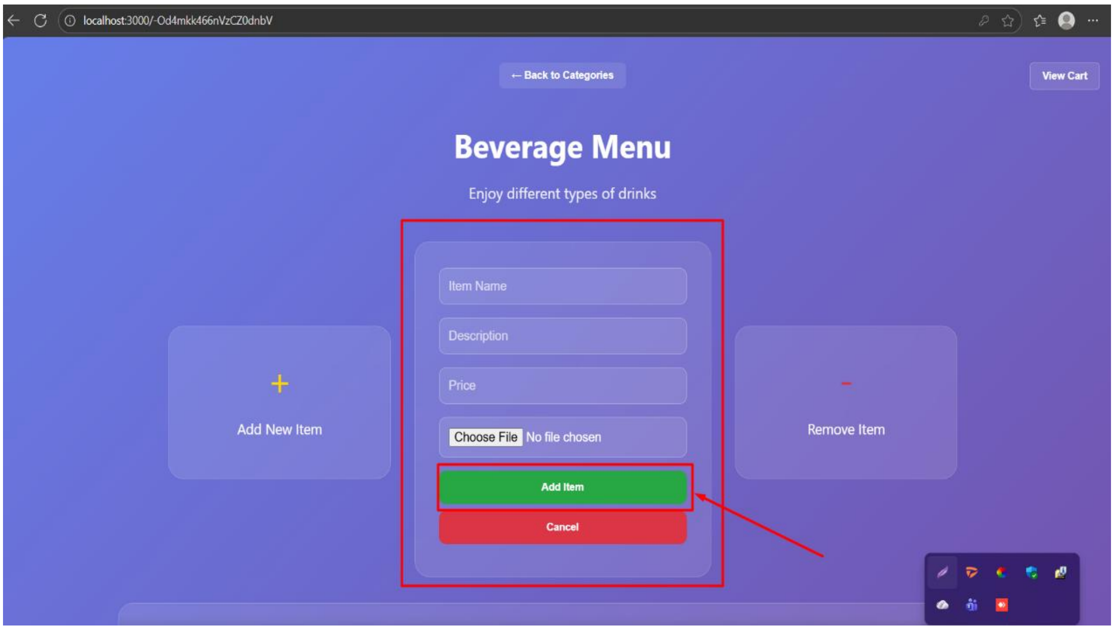
It will remove the category from the **Category** section

Adding items:

steps:

1. Go to the Category you want to add item and Click the **Add New Item** button on any category
2. Enter information for the item (Name, Description, Price and Image)
3. Click the **Add Item** button



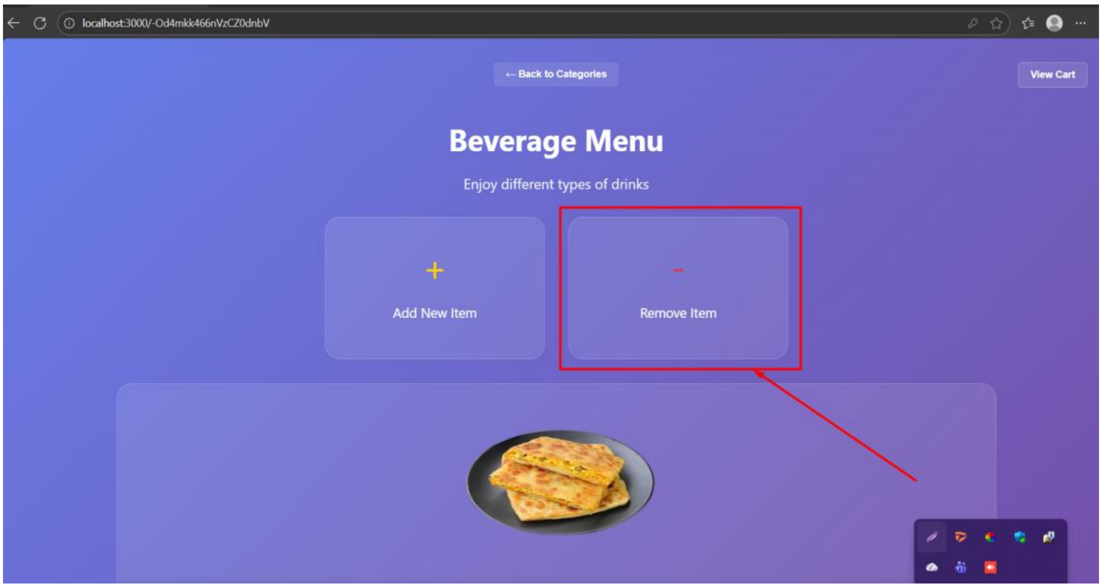


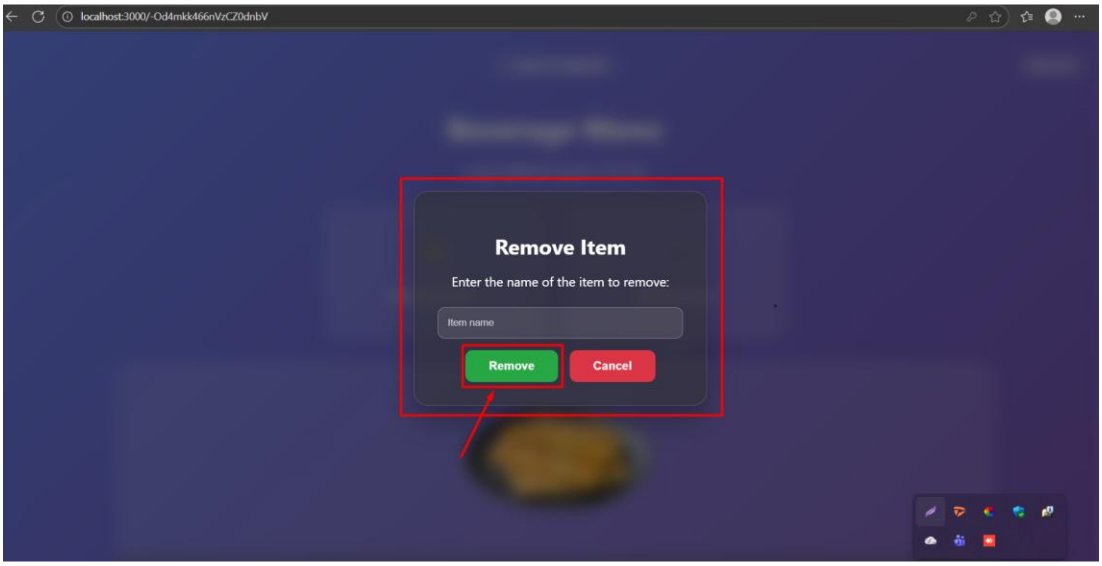
This is how you can add an item as an admin

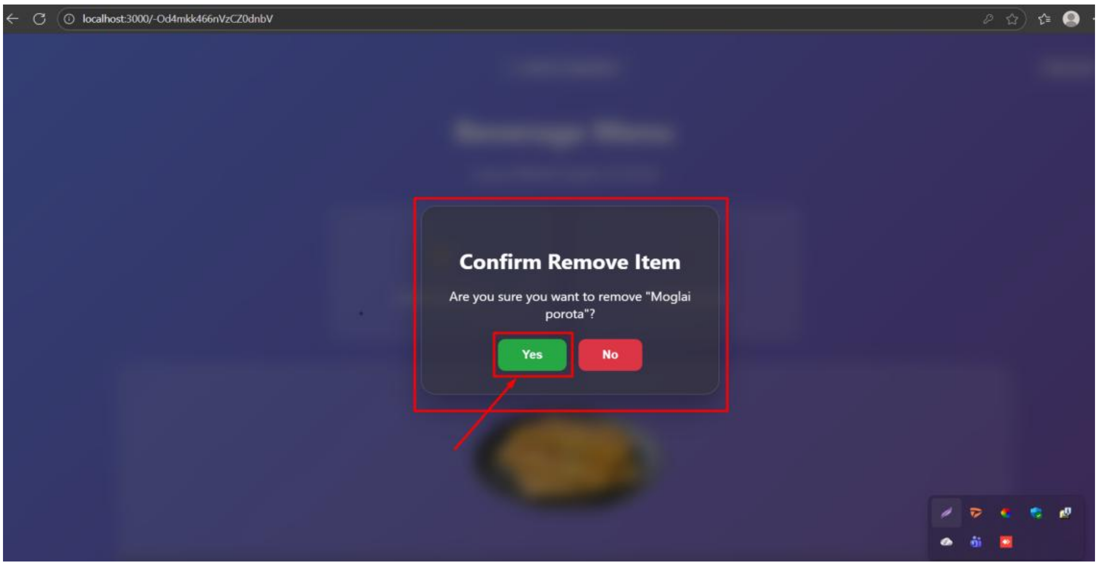
Removing items:

steps:

1. Go to the Category you want to remove item and Click the **Remove item** button on any category
2. Enter the name of the item you want to remove and click the **Remove** button
3. Confirm deletion by clicking **Yes** button in the prompt that appears.







This is the basic manual to use this website.