

# User Stories and Acceptance Tests for Menu, Meal, and Restaurant Components

## 1. User Story: View Restaurant List

As a user, I want to see a list of available restaurants and dining halls, So that I can choose where I want to eat.

### Acceptance Test:

**Scenario:** The user views the list of restaurants.

- **Given:** The user is on the main page of the application.
- **When:** The page loads.
- **Then:** A list of restaurants and dining halls is displayed.
- **And:** Each restaurant shows its name, location, opening hours, and rating.

### Test Steps:

1. Open the application's main page.
2. Verify that a list of restaurants is displayed.
3. Check that each restaurant entry includes:
  - a. Restaurant name
  - b. Location
  - c. Opening and closing times
  - d. Rating (if available)
4. Verify that the restaurant images are displayed correctly.

## 2. User Story: Filter Restaurants by Dietary Preferences

As a user with specific dietary requirements, I want to filter restaurants based on dietary preferences, So that I can find suitable dining options quickly.

## Acceptance Test:

**Scenario:** The user filters restaurants by dietary preferences.

- **Given:** The user is on the main page with the restaurant list.
- **When:** The user clicks on the filter icon.
- **Then:** A modal with dietary preference options is displayed.
- **And:** The user selects one or more preferences.
- **Then:** The restaurant list is updated to show only matching restaurants.

## Test Steps:

1. On the main page, click the filter icon.
2. Verify that a modal with dietary options (e.g., Halaal, Vegan, Vegetarian) appears.
3. Select two dietary preferences.
4. Close the modal.
5. Verify that the restaurant list updates to show only restaurants matching the selected preferences.
6. Deselect all preferences and verify that all restaurants are shown again.

## 3. User Story: View Restaurant Menu

As a user, I want to view the menu for a specific restaurant, So that I can see what food items are available.

## Acceptance Test:

**Scenario:** The user views a restaurant's menu.

- **Given:** The user is on the main page with the restaurant list.
- **When:** The user clicks on a restaurant's "Menu" button.
- **Then:** The user is taken to the menu page for that restaurant.
- **And:** The menu items are displayed, categorized by food type.

## Test Steps:

1. On the main page, select a restaurant and click its "Menu" button.
2. Verify that the page navigates to the menu page for the selected restaurant.
3. Check that the restaurant name is displayed at the top of the page.

4. Verify that menu categories are shown (e.g., Main Courses, Desserts).
5. Click on a category and verify that relevant menu items are displayed.
6. Check that each menu item shows its name, price, and availability status.

## 4. User Story: View Meal Details

As a user, I want to view detailed information about a specific meal, So that I can decide if I want to order it.

### Acceptance Test:

**Scenario:** The user views details of a specific meal.

- **Given:** The user is on a restaurant's menu page.
- **When:** The user clicks on a specific menu item.
- **Then:** The user is taken to a detailed page for that meal.
- **And:** The meal's name, description, price, dietary tags, and image are displayed.

### Test Steps:

1. From a restaurant's menu page, click on a specific menu item.
2. Verify that the page navigates to the meal details page.
3. Check that the following information is displayed:
  - a. Meal name
  - b. Description
  - c. Price
  - d. Dietary tags (if any)
  - e. Rating
  - f. Image of the meal
4. Verify that an "Add to cart" button is present.

## 5. User Story: Add Meal to Cart

As a user, I want to add a meal to my cart, So that I can proceed with ordering it.

### Acceptance Test:

**Scenario:** The user adds a meal to their cart.

- **Given:** The user is on a meal's detail page.
- **When:** The user clicks the "Add to cart" button.
- **Then:** The meal is added to the user's cart.
- **And:** A confirmation message is displayed.

**Test Steps:**

1. Navigate to a meal's detail page.
2. Click the "Add to cart" button.
3. Verify that a confirmation message appears.
4. Check that the cart icon in the header updates to reflect the added item.
5. If not logged in, verify that the user is prompted to log in before adding to cart.

## 6. User Story: View Restaurant Reviews

As a user, I want to read reviews for a restaurant, So that I can make an informed decision about where to eat.

**Acceptance Test:**

**Scenario:** The user views reviews for a restaurant.

- **Given:** The user is on a restaurant's menu or detail page.
- **When:** The user clicks on a "Reviews" or "Ratings" section.
- **Then:** A list of reviews for the restaurant is displayed.
- **And:** The user can see individual ratings and review texts.

**Test Steps:**

1. On a restaurant's page, locate and click on the "Reviews" or "Ratings" section.
2. Verify that a list of reviews is displayed.
3. Check that each review includes:
  - a. User rating
  - b. Review text
  - c. Date of review
4. Verify that an overall rating for the restaurant is shown.
5. If applicable, check that there's an option to add a new review.