

## Project 2 Online food delivery platform

### Test Cases:

1. User Registration and Login
  - User shall be able to register for a new account with a username and password
2. Browse Restaurants
  - User shall be able to find restaurants by searching the name or finding relevant restaurants by food type
3. View Restaurant Menu
  - User shall be able to review the restaurant menu and search for a particular food
4. Place Orders
  - User shall be able to add food to the cart and place the order after payment is successful
5. Payment
  - User shall be able to select the payment method. Add new payment details or use the existing method to pay
6. Past Orders
  - User shall be able to see past order, and enter an order number to find a particular order
7. View Restaurant Reviews
  - User shall be able to see restaurant reviews, enter a name to find the restaurant. And also able to write reviews for this restaurant.

Test case: User Registration and Login

Objective: To verify that users can successfully register for an account.

Arrange: Open the registration page.

Act: Fill in valid user details (e.g., username, email, password) and click the "Register" button.

Assert: Check that the user is registered and redirected to the login page with a success message.

Test case: Browse Restaurants

Objective: To browse the list of restaurants available in the area.

Arrange: Open the main page

Act: Click the "Restaurants" button, enter a name to search, or a food type

Assert: Check that the restaurants page is displayed and the corresponding boolean variable is set to True. User is redirected to the restaurant page

Test case: View Restaurant Menu

Objective: To view the menu for a particular restaurant

Arrange: Open the restaurants page

Act: Choose one restaurant and click on the "Menu" button, enter food name to find a particular food

Assert: Check that the menu page is displayed and the associated boolean variable is set to True. User is redirected to the menu page for the restaurant.

Test case: Place Orders

Objective: To choose food items on a menu and place an order

Arrange: Open the menu page

Act: User adds desired food items to the shopping cart and clicks "Place Order" button

Assert: Check that the selected food items are shown the order is placed, user is redirected to the successful message.

Test case: Payment

Objective: Ensure the user can make a payment successfully for their order

Arrange: User is on the payment page

Act: User can select a payment method. If there are no existing payment methods then enter payment details and make the payment

Assert: User receives payment confirmation when successful or back to the payment page to change the wrong information

Test case: Past orders

Objective: Ensure the user can view their past order

Arrange: User logged in. User previously placed at least one order

Act: User navigates to the "Past Order" section, enters an order number to see all the details

Assert: User able to see relevant details of past order

Test case: View Restaurant Reviews

Objective: Ensure user can view the restaurant reviews and ratings for a restaurant

Arrange: User on the main page or restaurant list. The restaurant has at least one review or rating

Act: User can read the restaurant reviews, and write reviews if the user wants

Assert: User can see the ratings and reviews given by other users