# Test Cases for Restaurant Website

## Test Case 1: Verify Login Failure (Backend Not Integrated)

Test ID:TC01

Priority: High

Module Name: Login

Test Title: Verify Login Failure due to Backend Integration Issues

Test Description: Test the login functionality when the backend is not integrated.

Preconditions: User has valid login credentials.

Test Steps:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1- Open the website |  | Website is open | It open successfully | Pass |
| 2-Navigate to login page |  | Login screen appears | It does not appear because of the failing of integration between backend and frontend | Fail |
| 3-Enter valid username and password | Username:  alaa Password:  12345678 | Data appears in the fields | Data appears in the fields, but the page is alone it doesn't integrate with the website | Fails |
| 4-Click on Login button |  | Error message: 'Unable to connect to server' | It doesn't appear | Fail |

Post-Condition: User remains on the login page and cannot proceed without successful integration.

## Test Case 2: Add Items to Cart

Test ID: TC02

Priority: Medium

Module Name: Cart

Test Title: Verify Adding Items to Cart

Test Description: Verify that items can be added to the cart.

Preconditions: User is logged in, and menu items are available.

Test Steps:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1-Open the website |  | Website is open | It works successfully | Pass |
| 2-Navigate to menu page |  | Menu page is displayed | It displayed with all menu items | Pass |
| 3-Click 'Add to Cart' |  | Item successfully added to cart | It added successfully | Pass |

Post-Condition: Cart updates with the new item.

---

## Test Case 3: Modify Cart Item Quantity

Test ID: TC03

Priority: Medium

Module Name: Cart

Test Title: Verify Item Quantity Modification in Cart

Test Description: Verify increasing and decreasing item quantities in the cart.

Preconditions: Items are added to the cart.

Test Steps:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1-Open cart |  | Cart page displays all added items | All items that i added have existed in the cart | Pass |
| 2-Increase quantity |  | Quantity updates correctly | When i click on + it increases | Pass |
| 3-Decrease quantity |  | Quantity updates correctly | When i click on + it decreases | Pass |

Post-Condition: Quantity changes are reflected in the cart and the total is updated.

## Test Case 4: Calculate Total Amount in Cart

Test ID: TC04

Priority: High

Module Name: Cart

Test Title: Verify Total Amount Calculation

Test Description: Verify that the total amount is calculated correctly.

Preconditions: Cart has items with known prices.

Test Steps:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1-Open cart |  | Cart page displays all added items and prices | All items that i added have existed in the cart | Pass |
| 2-Review total |  | Total matches the sum of item prices | I works successfully and sum the total price | Pass |

Post-Condition: Total amount reflects item quantities and prices.

## Test Case 5: Verify Dark Mode

Test ID: TC05

Priority: Low

Module Name: UI Theme

Test Title: Verify Dark Mode Functionality

Test Description: Verify the dark mode functionality.

Preconditions: User has access to the dark mode toggle.

Test Steps:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Steps | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1-Open website |  | Website is open | It opens successfully | Pass |
| 2-Toggle dark mode |  | Website theme switches to dark mode | It is a toggle when i click on the moon it become dark mood, and it change to sun when i click on it again it changes to light mood | Pass |

Post-Condition: Dark mode UI elements adjust correctly.

## Test Case 6: Verify Customer Messaging with Database Issue (Message Sent but Not Inserted)

- Test ID: TC06  
- Priority: High  
- Module Name: Contact Us  
- Test Title: Verify Customer Message Sent but Not Inserted into Database  
- Test Description: Test the customer messaging functionality where the message is successfully sent but fails to be stored in the database due to a backend issue.  
- Preconditions: The website's "Contact Us" page is accessible.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | Test Step Description | Test Data | Expected Result | Actual Result | Status (Pass/Fail) |
| 1 | Open the website |  | Website opens successfully. | It opens as expected | Pass |
| 2 | Navigate to "Contact Us" page |  | The "Contact Us" page loads correctly. | Successfully open | Pass |
| 3 | Enter message details | Name:  Alaa Atef Email: alaaatef@gmail.com Message: "Looking forward to your response." | Input fields accept the provided details. | It works as i can add my data successfully | Pass |
| 4 | Click the "Send" button |  | The information disappears as it sent successfully | The information disappear as it sent | Pass |
| 5 | Verify backend database |  | The message is not inserted into the database due to an identified issue. | Didn't work because the failed integration | Fail |

Post-Condition: The user receives confirmation of the message being sent, but the database is missing the record.