Test Plan Document

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# Introduction

## Purpose

The purpose of this test plan is to define a structured approach to testing the Habibi Eats web application. The document outlines the various test scenarios and test cases to verify that the frontend features of the application function correctly as per the defined requirements.

## Scope

This test plan covers the frontend functionalities of the Habibi Eats restaurant website. It includes features available to both regular users and administrators. The scope of testing includes user authentication (login and sign-up), cart and checkout operations, and admin functionalities such as managing users and menu items.

# ****2. Test Scenario 1: User Login****

This scenario tests the login functionality for users trying to access the website.

## ****2****.1 Test Cases

Test Cases for the scenario mentioned in section 2 shown in Table 1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC01 | Verify login with valid credentials | FR-01 | Email: [user@habibieats.com](mailto:user@habibieats.com)Password: pass123 | User is logged in and redirected to homepage |
| TC02 | Verify login with invalid password | FR-01 | Email: [user@habibieats.com](mailto:user@habibieats.com)Password: wrongpass | Error message displayed: "Invalid credentials" |

Table 1:

# ****3. Test Scenario 2: User Sign-Up****

This scenario tests the account creation (sign-up) functionality for new users.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC03 | Sign-up with valid details | FR-02 | Name: John Email: john@domain.com Password: john123 | Account is created, user is redirected to homepage |
| TC04 | Sign-up with already registered email | FR-02 | Name: John Email: user@habibieats.com Password: john123 | Error message: "Email already in use" |

## **3.1 Test Cases**

# ****4. Test Scenario 3: Admin - Edit Menu Item****

This scenario verifies that the admin can update the price or details of a menu item.

## ****4.1 Test Cases****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC05 | Edit menu item (e.g., price) | FR-03 | Edit “Shawarma” price to $9.49 | Menu item updated with new price |

# ****5. Test Scenario 4: Admin - Delete User****

This scenario confirms that the admin can remove a user account.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC06 | Delete a user by ID | FR-04 | User ID: 1032 | User is removed from the system and no longer appears in the user list |

## ****5**.1 Test Cases**

# ****6. Test Scenario 5: User - Update Cart Quantity****

This scenario tests that a user can modify item quantities in their shopping cart.

## ****6.1 Test Cases****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC07 | Update cart item quantity | FR-05 | Change quantity of “Falafel” from 1 to 3 | Cart updates and total price is recalculated accordingly |

# ****7. Test Scenario 6: User - Checkout Process****

This scenario tests the payment and checkout process for the user.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Desc** | **Functional Req Code** | **Test Data** | **Expected Result** |
| TC08 | Successful checkout with valid card | FR-06 | Card: 1234-5678-1234-5678 Expiry: 12/26 | Payment is successful, confirmation is shown |
| TC09 | Failed checkout with invalid card | FR-06 | Card: 0000-0000-0000-0000 | Payment fails, error message is shown |

## ****7.1 Test Cases****

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