UNIVERSITY NAME

# **Food Farma**

# Test Cases

## STUDENT NAME

Test Case: User Login with Valid Credentials

**Test Case Number:** TC01

**Revision:** Rev. 1

**Author:** [Name]

**Date Conducted:** [Date]

**Test Conductor:** [Name]

**Customer Representative:** [Name]

**Description:** This test case validates the login functionality for registered users using correct credentials.

**Pre-Test Setup:**

1. Ensure the FoodFarma platform is live and the user database is populated.

**Use Case:** UC01 **Flow:** Main Flow

| **User Action** | **Expected Result** | **P/F** | **Comment** |
| --- | --- | --- | --- |
| A user navigates to the login page. | Login page is displayed. | **P** | Page loads successfully. |
| A user enters a valid email and password and clicks "Login". | The system successfully authenticates and redirects to the homepage. | **P** | Login successful and UI loads correctly. |
| A user remains inactive for a set period. | The session remains active unless logout is performed. | **P** | System maintains session. |
| A user logs out from the system. | The login page is displayed. | **P** | User session is cleared. |
| **Post-conditions:** User is redirected to the dashboard and can access available functionalities. | | | |

P/F = Pass/Fail

Test Case: User Login with Invalid Credentials

**Test Case Number:** TC02

**Revision:** Rev. 1

**Author:** [Name]

**Date Conducted:** [Date]

**Test Conductor:** [Name]

**Customer Representative:** [Name]

**Description:** This test case validates the system’s response when incorrect credentials are used.

**Pre-Test Setup:**

1. Ensure the FoodFarma platform is running and user authentication is enabled.

**Use Case:** UC01 **Flow:** Alternate Flow

| **User Action** | **Expected Result** | **P/F** | **Comment** |
| --- | --- | --- | --- |
| A user enters an incorrect email and/or password and clicks "Login". | The system displays an error message: "Invalid credentials". | **P** | System prevents unauthorized access. |
| A user attempts to log in with an expired account. | The system displays an account expiry notification. | **P** | User is informed about account status. |
| A user attempts to log in multiple times with incorrect credentials. | The system temporarily locks the account. | **P** | Security measures activated. |
| A user clicks "Forgot Password" and enters an unregistered email. | The system displays an error message. | **P** | No password reset email sent. |
| **Post-conditions:** User remains on the login page with no access to restricted features. | | | |

P/F = Pass/Fail

Test Case: Adding a Product as a Farmer

**Test Case Number:** TC03

**Revision:** Rev. 1

**Author:** [Name]

**Date Conducted:** [Date]

**Test Conductor:** [Name]

**Customer Representative:** [Name]

**Description:** This test case ensures that farmers can successfully add products to their store.

**Pre-Test Setup:**

1. Ensure the farmer account is logged in and the "Add Product" feature is accessible.

**Use Case:** UC02 **Flow:** Main Flow

| **User Action** | **Expected Result** | **P/F** | **Comment** |
| --- | --- | --- | --- |
| A farmer navigates to the "Add Product" page. | Product form is displayed. | **P** | UI loads successfully. |
| A farmer enters product details and clicks "Submit". | The product is successfully added to the database and appears in the product listing. | **P** | Product details saved correctly. |
| A farmer attempts to add a product with missing required fields. | The system displays a validation error message. | **P** | Required fields enforced. |
| A farmer uploads a product image. | The image is successfully uploaded and displayed. | **P** | Image preview works as expected. |
| **Post-conditions:** The new product appears in the farmer's dashboard and is available for customers. | | | |

P/F = Pass/Fail

Test Case: Customer Places an Order

**Test Case Number:** TC04

**Revision:** Rev. 1

**Author:** [Name]

**Date Conducted:** [Date]

**Test Conductor:** [Name]

**Customer Representative:** [Name]

**Description:** This test case verifies the order placement process for customers.

**Pre-Test Setup:**

1. Ensure the customer account is logged in and products are available in the store.

**Use Case:** UC03 **Flow:** Main Flow

| **User Action** | **Expected Result** | **P/F** | **Comment** |
| --- | --- | --- | --- |
| A customer adds products to the cart. | Items are successfully added to the shopping cart. | **P** | Cart updates correctly. |
| A customer proceeds to checkout and enters delivery details. | Delivery details are saved and displayed for confirmation. | **P** | Checkout form functions correctly. |
| A customer selects a payment method and completes payment. | Payment is processed, and order confirmation is displayed. | **P** | Transaction recorded successfully. |
| A customer navigates to "Order History". | The recently placed order appears in order history. | **P** | Order tracking enabled. |
| **Post-conditions:** The order appears in the customer’s order history, and the farmer is notified. | | | |

P/F = Pass/Fail