

Case Study Use Case Tests

BDD Cucumber User Stories, Features & Scenarios (Tests for Each Feature)

PlaceOrder.feature

User Story:

As a Customer, I want to place an order so that I can purchase items from the system.

Feature: Place Order

Scenarios:

Scenario: Successful Order Placement

Given I am a registered customer with items in my cart

When I submit a valid order

Then the system should create an order with a unique order number

And the order status should be set to "Pending"

Scenario: Order Placement with Missing Required Fields

Given I am a registered customer with an incomplete order form

When I attempt to submit the order

Then the system should display a validation error for the missing field

MakePayment.feature

User Story:

As a Customer, I want to make a payment so that my order is processed and confirmed.

Feature: Make Payment

Scenarios:

Scenario: Successful Payment

Given I have an order pending payment

When I provide valid payment details and confirm the payment

Then the system should process the payment

And the order status should update to "Paid"

Scenario: Payment Failure due to Invalid Details

Given I have an order pending payment

When I provide invalid payment details

Then the system should display a payment error message

And the order should remain in "Pending" status

TrackOrderHistory.feature

User Story:

As a Customer, I want to view my order history so that I can track my past orders.

Feature: Track Order History

Scenarios:

Scenario: Viewing Order History Successfully

Given I am logged in as a customer with previous orders

When I navigate to the order history page

Then the system should display a list of all my past orders with their details

ManageInventory.feature

User Story:

As a Warehouse Manager, I want to manage inventory so that I can ensure the availability of items.

Feature: Manage Inventory

Scenarios:

Scenario: Adding a New Inventory Item

Given I am logged in as a Warehouse Manager

When I submit the new item form with valid details (name, category, price, quantity)

Then the system should add the item to the inventory

And display a confirmation message

Scenario: Updating Inventory Quantity

Given an inventory item exists with a current quantity

When I update the quantity using the inventory management form

Then the system should reflect the updated quantity for the item

FulfillOrder.feature

User Story:

As a Warehouse Manager, I want to fulfill orders so that customers receive their products in a timely manner.

Feature: Fulfill Order

Scenarios:

Scenario: Order Fulfillment Process

Given an order is ready for shipment

When I mark the order as fulfilled in the system

Then the system should trigger the shipment process

And update the order status to "Shipped"

DeliveryProcess.feature

User Story:

As a Delivery Person, I want to receive delivery assignments and update delivery statuses so that I can ensure timely and accurate deliveries.

Feature: Delivery Process

Scenarios:

Scenario: Receiving a Delivery Assignment

Given a delivery assignment is available in the system

When I log in as a Delivery Person

Then I should see my assigned delivery details

Scenario: Updating Delivery Status

Given I am on a delivery assignment that is in progress

When I update the delivery status to "Delivered"

Then the system should record the status update

And notify the customer and warehouse of the completed delivery