**Test Case 1: Normal Flow - Successful Order with Standard Delivery**

* **Test Case ID:** TC001
* **Description:** Test order success
* **Preconditions**:
  + The customer is logged in.
  + The shopping cart contains at least one food item (e.g., a pizza for $10).
* **Test Steps**:

1. Customer adds a pizza to their cart.
2. Customer selects standard delivery.
3. Customer enters delivery details (e.g., address, phone number).
4. Customer proceeds to payment and selects a credit card payment.
5. Customer enters valid credit card details (e.g., valid card number, expiry date, CVV).
6. The system processes the payment.

* **Expected Results**:
* The system processes the payment successfully.
* The system confirms the order and displays the estimated delivery time.
* **Notes:** Normal flow

**Test Case 2: Alternative Flow - Order with Express Delivery**

* **Test Case ID**: TC002
* **Test Case Description**: Order with express delivery option, resulting in an additional delivery charge.
* **Preconditions**:
  + Customer is logged in.
  + Cart has at least one item.
* **Test Steps**:
  + Customer adds pizzas to the cart.
  + Customer selects express delivery.
  + Customer enters delivery details.
  + Customer proceeds to payment.
* **Expected Results**:
  + System adds an extra delivery charge for express delivery.
  + System processes the payment.
  + System confirms the order and provides an estimated delivery time.
* **Notes**: Alternative Flow A1

**Test Case 3: Alternative Flow - Invalid Discount Code**

* **Test Case ID**: TC003
* **Test Case Description**: An expired discount code prompts an error message.
* **Preconditions**:
  + Customer is logged in.
  + Cart has at least one item.
  + Discount code is expired.
* **Test Steps**:
  + Customer adds pizzas to the cart.
  + Customer selects standard delivery.
  + Customer applies an expired discount code (e.g., "OLD10").
  + Customer proceeds without a discount.
* **Expected Results**:
  + System displays an error message indicating that the discount code is expired.
  + System allows the customer to proceed without a discount.
* **Notes**: Alternative Flow A2

**Test Case 4: Alternative Flow - Payment with Credit Card**

* **Test Case ID**: TC004
* **Test Case Description**: Verify that the system prompts for credit card details when the customer chooses to pay with a credit card.
* **Preconditions**:
  + Customer is logged in.
  + Cart has at least one item.
* **Test Steps**:
  + Customer adds pizzas to the cart.
  + Customer selects standard delivery.
  + Customer enters delivery details.
  + Customer selects credit card as the payment method.
  + System prompts the customer for credit card details (card number, expiry date, CVV).
* **Expected Results**:
  + System prompts for credit card details.
  + After entering valid card details, system processes the payment, confirms the order, and provides an estimated delivery time.
* **Notes**: Alternative Flow A3

**Test Case 5: Alternative Flow - Order with Pickup Option**

* **Test Case ID**: TC005
* **Test Case Description**: System omits the delivery charge and prompts for a pickup time when the customer opts for pickup.
* **Preconditions**:
  + Customer is logged in.
  + Cart has at least one item.
* **Test Step**:
  + Customer adds pizzas to the cart.
  + Customer selects pickup instead of delivery.
  + Customer enters pickup time.
  + Customer proceeds to payment.
* **Expected Results**:
  + System omits the delivery charge.
  + System processes the payment.
  + System confirms the order and provides a pickup time.
* **Notes**: Alternative Flow A4

**Test Case 6: Exception Scenario - Payment Failure**

* **Test Case ID**: TC006
* **Test Case Description**: Verify that the system prompts the customer to retry if payment fails due to insufficient funds.
* **Preconditions**:
  + Customer is logged in.
  + Cart has at least one item.
* **Test Steps:**
  + Customer adds pizzas to the cart.
  + Customer selects standard delivery.
  + Customer enters delivery details.
  + Customer selects credit card as the payment method and enters insufficient funds card details.
  + Customer attempts to complete the payment.
* **Expected Results**:
  + System notifies the customer of payment failure.
  + System prompts the customer to retry payment.
* **Notes**: Exception Scenario E1

**Test Case 7: Exception Scenario - Attempting Order with Empty Cart**

* **Test Case ID**: TC007
* **Test Case Description**: Verify that the system prevents order placement when the cart is empty.
* **Preconditions**:
  + Customer is logged in.
  + Cart is empty.
* **Test Steps**:
  + Customer attempts to proceed to checkout.
* **Expected Results**:
  + System prompts the customer to add items to the cart before proceeding.
* **Notes**: Exception Scenario E2