# Test Cases Assessment By  Wyreflow

Written By: **Pankaj Kumar**

## 1. User Registration - Test Case

**Test Case 1**: **Test if an email already registered with Amazon on one country site can be used on another Amazon site.**

- **Precondition**: The email is already registered on one of Amazon's sites (like Amazon.co.uk).
- **Steps**:
    1. Try registering with the same email on another Amazon site (e.g., Amazon.in).
- **Expected Result**: The system should not allow the same email to register again. Instead, it should ask the user to log in.

---

## 2. Adding/Removing Items from Cart - Test Case

**Test Case 2**: **Test how Amazon syncs the cart between different devices like desktop and mobile.**

- **Precondition**: User is logged into Amazon on both desktop and mobile.
- **Steps**:
    1. Add items to the cart using the desktop.
    2. Remove one item from the cart using the mobile app.
    3. Add another item using the mobile app.
    4. Check if the cart shows the same items on both devices.
- **Expected Result**: The cart should be updated on both devices with the latest changes.

---

## 3. Product Search - Test Case

**Test Case 3**: **Test if Amazon's search works with regional language or slang terms.**

- **Precondition**: Amazon supports regional keywords in its product listings.
- **Steps**:
    1. Search for products using a regional language word (e.g., "साड़ी" for saree).
    2. Search using a slang or common term (e.g., "chappal" for sandals).
- **Expected Result**: The search results should show relevant products based on the regional language or slang keywords.

---

## 4. Completing Checkout with Payment Methods - Test Case

**Test Case 4**: **Test if Amazon can handle a payment split between Amazon Pay balance and another method.**

- **Precondition**: The user has some balance in Amazon Pay, but not enough to pay the full amount.
- **Steps**:
  1. Add items to the cart.
  2. During checkout, use the Amazon Pay balance for part of the payment.
  3. Use a credit card for the remaining amount.
- **Expected Result**: The checkout should go through without issues, and the system should handle both payment methods correctly.

---

# 5. Checkout Process - Test Case

**Test Case 5**: **Test what happens if the network delays after selecting the payment method.**

- **Precondition**: User has added a product to the cart and proceeded to checkout.
- **Steps**:
  1. Choose a payment method (e.g., Credit Card).
  2. Simulate a 2-minute network delay after selecting the payment method but before paying.
  3. Resume the network and complete the payment.
- **Expected Result**: The system should handle the delay and allow the user to complete the transaction once the network is back.

---

# Defects Found:

## Defect 1: Incorrect product results for regional or slang keyword searches.

- **Issue**: Searching for regional language or slang terms sometimes does not return the expected results, even if the products exist.

## Defect 2: The cart malfunctions when more than 10 variations of the same item are added.

- **Issue**: When trying to add over 10 items from different variations (e.g., sizes or colors), the cart crashes or becomes unresponsive.

## Defect 3: Payment methods like Credit Card, PayPal, UPI don't always redirect to the confirmation page.

- **Issue**: If the payment process takes too long, the session expires, and the payment does not complete, but there's no proper error message or extension option.

---

# Prioritization of Testing Scenarios:

1. **Payment Methods Testing (Highest Priority)**:
   - Payment issues directly impact order completion, making it essential to ensure every method works smoothly.
2. **Search Functionality Testing (Medium Priority)**:
   - Searching is vital to a user's experience. Incorrect search results can lead to frustration and a potential loss of sales.
3. **Email Confirmation After Purchase (Low Priority)**:
   - This is important for customer communication, but it doesn't directly affect the purchase flow. Testing is required to ensure users receive accurate and timely emails.

---

# 20 Payment Test Cases for Amazon Pay:

## Scenario 1: Regular Payment Process

1. **Test Case 1**: Check if Amazon Pay balance can fully complete a payment.
2. **Test Case 2**: Check if expired Amazon Pay accounts are correctly handled.
3. **Test Case 3**: Check if switching from Amazon Pay to another payment method works during checkout.

## Scenario 2: Split Payment

4. **Test Case 4**: Test splitting a payment between Amazon Pay and a credit card.
5. **Test Case 5**: Test splitting a payment between Amazon Pay and UPI.

## Scenario 3: Handling Failed Payments

6. **Test Case 6**: Test if the system shows a proper error message for insufficient Amazon Pay balance.
7. **Test Case 7**: Test how the system handles a failed Amazon Pay payment due to a network issue.

## Scenario 4: Retry Payment

8. **Test Case 8**: Test if a payment retry works after Amazon Pay fails.
9. **Test Case 9**: Check if failed Amazon Pay transactions are logged for customer support.

## Scenario 5: International Transactions

10. **Test Case 10**: Check if Amazon Pay supports payments in foreign currencies.
11. **Test Case 11**: Test if an extra fee is charged for currency exchange when using Amazon Pay internationally.

## Scenario 6: Refunds and Cancellations

12. **Test Case 12**: Check if refunds are correctly returned to Amazon Pay balance.

13. **Test Case 13**: Test if a partial refund is handled properly when only part of the order is canceled.

## Scenario 7: Session and Security Handling

14. **Test Case 14**: Check if Amazon Pay times out after inactivity and if it shows a timeout message.

15. **Test Case 15**: Test if Amazon Pay requires re-login after a session expires during checkout.

## Scenario 8: Discounts and Promotions

16. **Test Case 16**: Check if discounts applied using Amazon Pay are reflected correctly during checkout.

17. **Test Case 17**: Test if expired promo codes are handled properly for Amazon Pay.

## Scenario 9: Cross-Device Payment

18. **Test Case 18**: Test if Amazon Pay transactions sync properly between desktop and mobile.

19. **Test Case 19**: Test if the cart remains consistent across devices when using Amazon Pay.

## Scenario 10: Support Logging

20. **Test Case 20**: Check if failed transactions with Amazon Pay are logged for customer support inquiries.