Answers

<u>Manual Testing</u>

1. **Clarifications and Questions –**

   I. What is the main flow of the buying wallet in the eBay system?

   II. Who are the target audience of buying wallet from the system?

   III. What is the minimum & maximum character limit in search bar?

   IV. What are the details needs to show in the eBay system under the wallets, except the price?

   V. Are there any discounts, offers, or promotions available for selected wallets?

   VI. Do we need to display additional images when the user hovering over a wallet images?

   VII. Can I buy any wallet available in the list? Or, are there any restrictions on wallet availability?

   VIII. What should happen if a user experiences a session timeout or is logged out during the wallet purchase process?

   IX. Are there any filter or sorting options when selecting the wallet from the list?

   X. Can the user add multiple wallets in to the cart before purchasing?

   XI. Does the user receive notifications if the wallet's price changes after they have purchased it?

   XII. Can the user complete the purchase as a guest?

   XIII. What happens if the wallet is out of stock after the user adds it to the cart?

   XIV. What happened if the user does not have sufficient money to but the wallet? Do we need to add a notification/ alert message to inform that?

   XV. What is the exact flow for adding wallet to the watchlist after buying it? Do we need to add it manually or automatically is it happened?

   XVI. Do we need to display any visual indicators when user added the wallet into the watchlist?

   XVII. How many wallets items user can have in their watchlist?

   XVIII. What happens if the user attempts to add a wallet to the watchlist but there's a network error / system error?

   XIX. What happens if the user is logged out or has session timeout during the process of adding wallet in to the Cart or Watchlist?

XX. What is the performance expectations for response time? (Example : Display searched wallet items, Adding wallet item(s) in to the cart & watchlist…etc.)

XXI. What happens if the user wants to cancel the wallet order after purchasing?

XXII. Are there any return or refund policies specific to wallets?

XXIII. How Can the system handle failed payments?

XXIV. Is there any tracking information provided for the wallet purchase after it is shipped?

XXV. What is the font size and color that's we need to check this interface?

XXVI. Do we need to send the SMS , Email notifications to the customer after finishing the flow?

XXVII. Please provide the content of confirmation SMS & Email notification after purchased the wallet.

2. **Test Strategy Document –**

Title – Test Strategy Document for Purchasing Wallet from eBay

INTRODUCTION

This document outlines the testing strategy for the wallet purchase process in the eBay system, ensuring that the feature works as expected and meets the customer requirements.
It will describe the scope, test objectives, test types, and test deliverables.

Project Scope –
This strategy covers testing of the functionality for searching, purchasing, adding to the cart, checkout and payment process.

OBJECTIVES

    I.   Verify that users can successfully search for wallets on the System.

    II.   Validate the Selected wallet(s), cart, checkout, and payment flows for purchasing a wallet.

    III.   Ensure users can select shipping methods and enter valid payment details.

    IV.   Test for accurate inventory management and stock availability.

    V.   Confirm that users receive appropriate order confirmations and notifications.

    VI.   Ensure that edge cases like payment failures, out-of-stock items, and failed transactions are handled correctly.

    VII.   Validate the functionality of the watchlist after a wallet purchase.

    VIII.   Ensure all policies are correctly applied to wallet purchases.

SCOPE OF TETSING

    I.   Searching and filtering wallets by category, brand, price, and other attributes.

    II.   Adding a wallet to the cart.

    III.   Proceeding through the checkout process.

    IV.   Handling order confirmation, payment processing, and shipping information.

    V.   Notifications after purchase wallet(s).

VI.   Handling errors, exceptions, and edge cases.

VII.   Testing the UI/UX and usability of the buying process.

OUT OF TESTING SCOPE

Backend and database testing.

TEST APPROCH

I.   Manual Testing -

Perform exploratory and functional testing, focusing on real user scenarios.

II.   Automated Testing -

Automate repetitive tests such as adding wallets to the cart, completing the checkout flow, and verifying payment success for various payment methods. Automated tests can also be used for regression testing.

III.   Test Data-

Create test data for various wallet listings, user accounts, payment methods, and shipping addresses.

IV.   Test Environment-

Testing will be conducted in a staging or pre-production environment.

TESTING TYPES

I.   Functional Testing –

➤ Search Functionality

Verify that wallets are searchable by relevant filters.

➤ Cart Functionality

Test adding a wallet to the cart, updating the cart, and verifying the correct price with wallet details.

➤ Order Confirmation

Validate the order confirmation page and email notifications after purchased wallet(s).

- ➢ Checkout Flow

   Validate the steps involved in checking out with shipping options, and payment methods.

- ➢ Payment Gateway

   Verify that various payment methods work as expected.

II. Non Functional Testing -

- ➢ Performance Testing

   Ensure the purchase process performs well under high traffic conditions.

- ➢ Usability Testing

   Test for smooth user experience, easy navigation and, UI for searching and purchasing the wallet.

- ➢ Security Testing

   Validate encryption of payment information and secure transaction handling.

III. Regression Testing –

   Ensure that the wallet purchase feature does not break any existing functionality in the system.

IV. Smoke Testing –

   Verify that the basic features of the wallet purchase process work.

ENTRY CRITERIA

I. Requirements are finalized.

II. Test plan and test cases are approved.

III. Test environment is set up and stable.

IV. Required test tools are ready.

V. Test data for multiple scenarios are available.

VI. All dependencies are integrated.

VII. Latest build is available.

VIII. QA and development resources are available.

IX. Test schedule is confirmed.

X. Developer testing is completed and signed off.

EXIT CRITERIA

I. All planned test cases must be executed and pass successfully

II. All defects must be resolved.

III. No critical or high-priority defects remain unresolved.

IV. Test summary report is completed.

V. The wallet purchase features are marked as "Ready for Release".

TEST DELIVERABLES

I. Test Plan: A detailed document outlining the test cases, timelines, resources, and test environments.

II. Test Cases: A list of test cases covering all functional and non-functional requirements.

III. Test Data: Data required for testing.

IV. Test Logs: Logs from test execution.

V. Defect Reports: Detailed reports on any issues found during testing, including Summary, Environment, steps to reproduce, Expected Result, Actual result, severity, and status of the issue.

VI. Test Summary Report: A report summarizing test results, defects found, and the overall quality of the purchasing process.

RESOURCES AND RESPONCIBILTIES

I. QA Team - Responsible for executing test cases, logging defects, and reporting the test results.

II. Development Team - Responsible for fixing defects.

III. Business Analyst - Responsible for clarifying business requirements and ensuring test coverage aligns with user stories.

IV. Project Manager - Responsible for tracking testing progress, ensuring timelines are met, and managing communication between teams.

RISK & MITIGATION

    I.   Risk One - Delays due to resource constraints.

        Mitigation - Ensure resource availability early in the test cycle and adjust the testing schedule as needed.

    II.   Risk Two - Unavailability of payment gateway during testing.

        Mitigation - Use mock payment gateways.

3. **Test Cases –**

   Please find the attached Excel sheet.

4. **Defect Reports –**

   Defect ID – 01

   Severity – High

   Priority - High

   Defect Title – The search functionality is not working properly.

   Defect Description – The search results for "wallet" display irrelevant items

   Steps to Reproduce –

   1. Go to the eBay homepage.
   2. Type "leather wallet" in the search bar.
   3. Click on the search button.
   4. Notice that the results include irrelevant products.

   Expected Result - Only products relevant to "leather wallet" should be displayed.

   Actual Result - Irrelevant items such as "leather jackets" or "leather shoes" are displayed.

Defect ID – 02

Severity – Critical

Priority - High

Defect Title – The Add to Cart button is not working.

Defect Description – The "Add to Cart" button is not responsive and does not add the wallet to the shopping cart when clicked.

1. Search for a wallet on eBay.

2. Select a wallet from the search results.

3. On the product detail page, click on the "Add to Cart" button.

4. Notice that nothing happens, and the cart remains empty.

Expected Result: Clicking the "Add to Cart" button should add the wallet to the user's shopping cart.

Actual Result: Clicking the button has no effect, and the cart remains

Defect ID: 03

Severity – High

Priority – High

Defect Title – The user cannot be continue the payment after entering the valid card details.

Description: The payment method (credit card) is rejected during checkout, even though the card details are correct.

Steps to Reproduce:

1. Add a wallet to the cart.

2. Go to the checkout page and enter valid credit card details.

3. Click on "Confirm Payment."

4. Notice that the payment is rejected with an error message.

Expected Result: The payment should be processed successfully when valid credit card details are entered.

Actual Result: The payment is rejected with an error message such as "Invalid credit card details."

Defect ID: 04

Severity – Critical

Priority – High

Defect Title – The User unable to see card details after successfully added to the cart.

Description: The wallet is successfully added to the cart, but when the user tries to view the cart, it shows as empty.

Steps to Reproduce:

1. Search for a wallet and add it to the cart.

2. Click on the cart icon to view the contents.

3. Notice that the cart is empty, even though the wallet was added.

Expected Result: The wallet should be visible in the cart.

Actual Result: The cart is empty, even though the wallet was added.

Defect ID: 05

Severity – Critical

Priority - Critical

Defect Title – Issue of the stock availability

Description: The wallet is marked as "In Stock," but when attempting to add it to the cart, the system shows that it is out of stock.

Steps to Reproduce:

1. Search for a wallet and select one from the results.

2. Check the availability on the product detail page (marked as "In Stock").

3. Add the wallet to the cart.

4. During checkout, a message appears stating that the item is out of stock.

Expected Result: If the wallet is marked as "In Stock," the user should be able to add it to the cart and proceed to checkout without any issues.

Actual Result: Despite being marked as "In Stock," the wallet is actually out of stock, preventing checkout.