**Test Plan for eBay Web Application**

**Application URL**: <https://www.ebay.com>

**Prepared by:** Sagnik Roy

**Date:** 18-08-2025

**1. Test Plan Identifier**

TP-eBay-2025-v1

**2. Introduction**

This test plan is designed for the eBay web application, a leading e-commerce platform that allows users to buy and sell products. The testing will focus on key functionalities such as user authentication, product search, cart management, profile settings, and language changes. The goal is to ensure the application's functionality, usability, and reliability.

**3. Test Items**

User Login

Searche box

Add and Delete from Cart

Login Name

Current Address change

Shop by Categories

Product Image Description

Shop by All Categories (Functionality Check)

Change Application Language via Settings

**4. Features to be Tested**

Login: Valid & invalid credentials, password recovery.

Search Functionality: Multiple keyword searches using an array of inputs.

Cart Management:

Adding items to cart.

Removing items from cart.

Profile Settings:

Updating login name.

Modifying shipping address.

Category Navigation:

Browsing products by categories.

Verifying "Shop by All Categories" functionality.

Product Description:

Right-clicking on product images to check description availability.

Language Settings:

Changing the application language and verifying UI updates.

**5. Features Not to be Tested**

Third-party payment gateways

Backend database validation

Performance under extreme load

**6. Approach**

Manual Testing: Functional & exploratory testing.

Automation: For login, change address, repeated searches and cart operations.

Cross-Browser Testing: Chrome, Firefox, Edge.

Mobile Responsiveness: Test on Android & iOS devices.

Regression Testing: For critical user flows after changes.

**7. Item Pass/Fail Criteria**

Pass: Feature works as expected per requirements.

Fail: Feature malfunctions or breaks user flow.

**8. Suspension Criteria and Resumption Requirements**

Suspension: Critical defect blocking major functionality.

Resumption: After defect resolution and retesting.

**9. Test Deliverables**

Test Plan Document

Test Cases (Manual)

Test Summary Report

Defect Reports

Final Sign-off Report

**10. Environmental Needs**

OS: Windows 10/11, macOS (if applicable)

Browsers: Chrome, Firefox, Edge, Safari

Mobile devices: Android & iOS (at least 2 devices)

Network: Stable internet connection

**11. Responsibilities**

Test Lead: Sagnik Roy– Planning, reporting

Testers: XYZ – Executing test cases, logging defects

Developers: [Dev Team] – Fixing and verifying defects

**12. Schedule**

Activity Timeline

Test Planning 18-08-2025

Test Case Design 20-08-2025

Test Execution 26-08-2025

Bug Reporting & Retest 30-08-2025

Test Closure 10-09-2025

**13. Risks and Contingencies**

NA

**14. Approvals**

Test Lead: Sagnik Roy

Project Manager: Vaishali Sonanis

Final Notes:

This test plan ensures comprehensive coverage of eBay’s key functionalities. Adjust timelines and resources based on project needs.

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Approved by: Vaishali Sonanis

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