**Test Plan for eBay Web Application**

**Application URL:** <https://www.ebay.com>  
**Prepared by**: Sulkshana Patil  
**Date**: 17/8/2025

**1. Test Plan Identifier**

TP-eBay-2025-v1

**2. Introduction**

This test plan is prepared for the eBay E-Commerce application, an online shopping platform that provides functionalities such as user authentication, product browsing, search and filtering, wishlist, shopping cart, checkout, payment, and order tracking. The purpose of this testing is to validate the functionality, security, usability, and performance of the application.

**3. Test Items**

User Login and Registration

Product Search and Filters

Product Details Page

Shopping Cart and Wishlist

Checkout and Payments

Order Tracking and History

Profile and Address Management

Contact Us

Site Navigation

**4. Features to be Tested**

Valid and invalid login scenarios

Product search, filtering, and sorting

Adding/removing products from cart and wishlist

Checkout process with different payment modes (UPI, Card, COD)

Order placement and confirmation

Order tracking, cancellations, and returns

Responsiveness on different devices and browsers

Error handling and validation messages

Data persistence for wishlist/cart after logout

User profile update and address management

**5. Features Not to be Tested**

Email/SMS notifications

Performance under load beyond standard use

**6. Approach**

Manual testing

Functional testing based on positive and negative test scenarios

Automation Testing for login, search, bidding, checkout using TestNG (Page Object Model)

Exploratory testing for security and UI issues

Cross-browser testing (Chrome, Firefox, Edge)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Sulkshana Patil— execute test cases, log defects

**Developers** Nitin zha, minal shah, Yug tagi — fix and verify defects

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 17/8/2025 |
| Test Case Design | 18/8/2025 |
| Test Execution | 20/8/2025 |
| Bug Reporting & Retest | 30/8/205 |
| Test Closure | 10/9/2025 |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Nawaz