**Amazon E-commerce Website: Test Overview**

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| **Test Plan ID:** | TP-AMZN-CART-001 |
| **Test Plan Name:** | Amazon Shopping Cart Functionality Test Plan  Test Overview |
| **Created By:** | Dalonda Ikhimokpa |
| **Creation Date:** | Nov 28, 2024 |
| **Version:** | 1.0 |

**Project Overview**

This document outlines the functional and non-functional requirements for testing the Amazon.com e-commerce platform, focusing on homepage banner, user authentication, search functionality, and shopping cart experience. Amazon's platform is a critical component of their online shopping experience and needs thorough testing to ensure reliability, accuracy, and user satisfaction. This manual test overview validates Amazon's e-commerce functionality including product search, cart management, and checkout flows without automation.

**1. Test Objectives**

* Verify manual test coverage for critical user journeys
* Ensure UI consistency across browsers/devices
* Validate payment processing manually
* Confirm error handling meets business requirements

### **2. Scope**

#### **2.1 In Scope**

|  |  |  |
| --- | --- | --- |
| Feature | Description | Priority |
| Homepage | Banner rotation, deals visibility | High |
| Product Search | Keyword/numeric search functionality | Critical |
| Shopping Cart | Add/remove items, quantity updates | Critical |
| Checkout | Guest/logged-in flows, payment options | Critical |

#### **2.2 Out of Scope**

* Performance/Load Testing
* API Testing
* Database Validation

### **3. Test Deliverables**

* Manual test cases (Excel)
* Defect reports (JIRA)
* Test execution logs
* Final summary report

## **3.1 Test Execution**

### **Test Environment**

* Desktop: Windows 10, macOS
* Mobile: iOS and Android devices
* Browsers: Chrome, Firefox, Safari, Edge (latest versions)
* Test Data: Various user accounts, search terms, and product selections

### **Test Case Examples**

Below are examples of some key test cases executed during this project:

#### **Search Functionality**

Key test cases focused on:

* Basic text searches
* Numeric and alphanumeric searches
* Autocomplete functionality
* Handling of typos and misspellings
* Filter and sort operations

#### **Shopping Cart**

Key test cases focused on:

* Adding products to cart
* Updating quantities
* Price calculations
* Cart persistence between sessions

### **4. Test Environments**

#### **4.1 Environment Details**

|  |  |  |
| --- | --- | --- |
| Environment | URL | Purpose |
| Staging | staging.amazon.com | Manual feature testing |
| Production | [www.amazon.com](http://www.amazon.com/) | Smoke testing |

#### **4.2 Configurations**

* Browsers: Chrome, Firefox, Safari (latest)
* Devices: Desktop, iPhone, Android
* Test Accounts: Pre-configured user profiles

### **5. Test Strategy**

#### **5.1 Manual Testing Types**

* Functional Testing
* UI/UX Testing
* Compatibility Testing
* Security Smoke Testing

#### **5.2 Techniques**

* Boundary Value Analysis
* Error Guessing
* Exploratory Testing

#### **5.3 Approach**

* 100% manual execution
* Risk-based prioritization
* Daily defect triage

### **6. Test Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| Phase | Start Date | End Date |  |
| Test Planning | Dec 1, 2024 | Dec 3, 2024 |  |
| Test Case Design | Dec 4, 2024 | Dec 8, 2024 |  |
| Environment Setup | Dec 5, 2024 | Dec 7, 2024 | (Overlaps with Test Case Design) |
| Test Execution (Cycle 1) | Dec 9, 2024 | Dec 15, 2024 |  |
| Test Execution (Cycle 2) | Dec 16, 2024 | Dec 22, 2024 |  |
| Bug Reporting & Verification | Dec 23, 2024 | Dec 28, 2024 |  |
| Test Closure | Dec 29, 2024 | Dec 31, 2024 |  |

### **7. Entry/Exit Criteria**

#### **7.1 Entry**

* Requirements approved
* Test data prepared

#### **7.2 Exit**

* 95% test cases executed
* Zero Critical defects

### **8. Defect Management**

#### **8.1 Severity Levels**

|  |  |
| --- | --- |
| Level | Criteria |
| Critical | Checkout failure |
| High | Cart calculation errors |
| Medium | UI misalignment |

#### **8.2 Process**

1. Manual reproduction
2. JIRA ticket creation
3. Daily review with dev team

### **9. Risks & Mitigations**

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| --- | --- |
| Risk | Mitigation |
| Time constraints | Prioritize critical paths |
| Environment instability | Daily backups |

### **10. Tools**

|  |  |
| --- | --- |
| Purpose | Tool |
| Test Management | Excel |
| Defect Tracking | JIRA |
| Screenshots | Snagit |

### **11.Approvals**

|  |  |  |
| --- | --- | --- |
| Role | Name | Date |
| QA Lead | [Jan Smith] | [5/12/24] |
| Product Manager | [John Doe] | [5/12/24] |

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