**Amazon E-commerce Platform: Test Plan**

**Amazon Shopping Cart Testing Project - Manual Test Plan**

Project Test Plan  
Test Plan ID: AMZN-CART-TP-001  
Test Plan Name: Amazon Shopping Cart Functionality Test Plan  
Author: Dalonda Ikhimokpa  
Creation Date: Dec 1, 2024  
Version: 1.0

### 1. Introduction

#### 1.1 Purpose

This manual test plan outlines the approach for testing Amazon's shopping cart and checkout functionality. The objective is to validate core e-commerce workflows through manual test execution.

#### 1.2 Scope

* Functional testing of cart management and checkout flows
* Validation of payment processing and order confirmation
* Error handling for out-of-stock items and pricing errors

#### 1.3 Test Approach

* Manual execution of predefined test cases
* Testing across browsers (Chrome, Firefox, Safari) and devices (Windows, macOS, Android, iOS)
* Defect logging via JIRA
* Testing in staging environment mirroring production

### 2. Test Items

#### 2.1 Features to be Tested

* Add/remove items from cart
* Quantity updates and price recalculations
* Guest checkout workflow
* Logged-in user checkout
* Payment methods (Credit Card, Gift Card, COD)
* Order confirmation emails

#### 2.2 Features Not to be Tested

* Amazon Pay backend integration
* Warehouse inventory systems
* Alexa voice ordering

### 3. Test Execution Plan

#### 3.1 Test Pass/Fail Criteria

* Pass: All steps execute as expected
* Fail: Any deviation from requirements
* Blocked: External dependency failure (e.g., payment gateway down)

#### 3.2 Entry and Exit Criteria

|  |  |
| --- | --- |
| Entry Criteria | Exit Criteria |
| Approved test cases available | 95% test cases executed |
| Test environment configured | No Critical defects open |
| Test accounts provisioned | Test summary report completed |

#### 3.3 Test Deliverables

* Manual test cases (Excel)
* JIRA defect reports
* Test execution logs

### 4. Test Cases Overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC-ID | Scenario | Steps | Expected Result | Status |
| TC-001 | Add item to cart | 1. Search product  2. Click "Add to Cart" | Cart counter increments | Pending |
| TC-002 | Update cart quantity | 1. Edit cart  2. Change quantity to 2 | Subtotal updates correctly | Pending |
| TC-003 | Guest checkout | 1. Proceed to checkout  2. Enter shipping  3. Complete payment | Order confirmation displays | Pending |

### 5. Risk and Mitigation

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Probability | Impact | Mitigation |
| Payment gateway failure | Medium | High | Use sandbox accounts for testing |
| Mobile rendering issues | High | Medium | Prioritize mobile test cases early |
| Test data synchronization | Medium | High | Daily database refresh |

### 6. Test Environment

* Browsers: Chrome 120+, Firefox 115+, Safari 16+
* Devices: Windows 11, macOS Ventura, Android 13+, iOS 16+
* Test Accounts: Pre-configured buyer profiles
* Tools: JIRA, Excel, BrowserStack (manual mode)

### 7. Test Schedule

|  |  |  |
| --- | --- | --- |
| Phase | Start Date | End Date |
| Test Planning | Dec 1, 2024 | Dec 3, 2024 |
| Test Case Design | Dec 4, 2024 | Dec 8, 2024 |
| Test Execution | Dec 9, 2024 | Dec 22, 2024 |
| Bug Reporting & Verification | Dec 23, 2024 | Dec 28, 2024 |
| Test Closure | Dec 29, 2024 | Dec 31, 2024 |

### **8. Approval**

Test Lead: Dalonda Ikhimokpa  
Approval Date: [1/12/2024]