**Test Plan Document for Amazon:**

1. **Test Plan Id: AMA\_ST\_TP\_001**
2. **Introduction:**

* The purpose of this document is to outline the test plan for the testing of Amazon.com, an e-commerce platform.
* This test plan covers the testing of major functionalities of Amazon.com, including but not limited to product search, shopping cart management, checkout process, user authentication, and account management.
* To ensure the functionality, reliability, and performance of Amazon.com.
* To identify and address any defects or issues in the application.

1. **Test Items:**

* Home Page
* Product Search
* Product Details Page
* Shopping Cart
* Account Management
* Checkout Process

1. **References:**

* Requirments
* Project Plan
* Test Strategy
* Use cases (if available)
* High level Design Documents
* Low Level Design Documents
* Process Guide line document
* Prototypes

1. **Features to be tested:**
   * 1. Home Page
        1. Navigation
        2. Search Functionality
        3. Featured Products
        4. Special Offers
     2. Product Search
        1. Search Filters
        2. Sorting Options
        3. Search Results Page
     3. Product Details Page
        1. Product Information
        2. Customer Reviews
        3. Add to Cart
     4. Shopping Cart
2. Adding/Removing Items
3. Cart Total Calculation
4. Checkout Button
   * 1. User Account Management
        1. Account Creation
        2. Login
        3. Order History
        4. Account Settings
     2. Checkout Process
5. User Authentication
6. Shipping Address
7. Payment Information
8. Order Confirmation

**6. Features not to be tested:**NA

**7. Entry Criteria:**

a) Test Design:

* + Team formation, Responsibilities,schedule,requirements,test case template
  + Training on domain, on automation tools

b) Test Execution

Readiness of test tab

Readiness of AUT

Requirements

Test case Documents

Test data

Defect Report Template

Etc….

**8) Exit Criteria:**

All possible test cases executed

Maximum defect fixed, final regression performed successfully

Confidence on test process

Time limitations

Budget limitations

**9) Suspension criteria:**

Show –stopper bug found

Supplier issues

Vast changes in requirements

If resolving defects are more

**10) Roles and Resposibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Shubham kr | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Shubham kr | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Shubham kr | Tester | Test case documentation, testexecution, defect reporting and tracking for admin module |  |
| 4 | Shubham kr | Tester | Test case documentation, testexecution, defect reporting and tracking for Personal banking module |  |
| 5 | Shubham kr | Tester | Test case documentation, testexecution, defect reporting and tracking for Corporate banking module |  |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 5 | 2ndjuly to 6thjuly |  |
| 2 | Review meeting | 1 | 9thjuly |  |
| 3 | Generating Test scenarios | 10 | 11thjuly to 22ndjuly |  |
| 4 | Reviews | 02 | 25thjuly to 26thjuly |  |
| 5 | Test case Documentation | 40 | 29thjuly to 12th august |  |
| 6 | Reviews | 04 | 14th august to 18th august |  |
| 7 | Test data collection | 6 | 20th august to 26th august |  |
| 8 | Reviews | 1 | 28th august |  |
| 9 | Verifying Test Environment Setup | 1 | 29th august |  |
| 10 | Create Test Batches | 02 | 30th 31st Aug |  |
| 11 | Sanity Testing | 1 | 3rdseptember |  |
| 12 | Comprehensive testing | 25 | 4thsep to 2nd October |  |
| 13 | Sanity Testing | 1 | 3rd October |  |
| 14 | Selecting Test Cases | 2 | 4th and 5th October |  |
| 15 | Regressing Testing | 05 | 8th October to 12th October |  |
| 16 | Sanity Testing | 1 | 15th October |  |
| 17 | Selecting Test Cases | 1 | 16th October |  |
| 18 | Regression Testing cycle -2 | 4 | 17th October to 22nd October |  |
| 19 | . |  |  |  |
| . | . |  |  |  |
| . | . |  |  |  |
| 28 | Final Regression | 8 | 19th November to 28thnovember |  |
| 29 | Evaluating Exit Criteria | 1 or 2 | 29th , 30thnov |  |
| 30 | Collecting all artifacts | 2 | 3rd ,4th Dec |  |
| 31 | Test Summary Report | 1 | 5th Dec |  |

Note: Regression Testing depends on Application and strength of Development team.

**12)Training:**

* Training program
* Test Automation Training Using Ketalon Studio

**13) Risks and Miligations**

* Team member’s issues
* Vendors issues
* Time
* Budget

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

*Server Side:*

* Windows 2003 server
* UNIX server
* AWS
* Bugzilla tool
* VSS
* MS Office
* HP UFT Tool etc
* Browser IE 7.0

*Client side:*

* Windows 10
* VSS
* Ms-Office
* HP UFT

*Browsers:*

* Chrome
* FireFox
* Safari
* Edge

**15) Test Deliverables:**

* Test Plan
* Review reports
* RTM
* Test Scenario docs
* Test Case Docs
* Test data
* Opened, closed defect report
* Test summary report

**16) Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASK/S** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | Kareemulla (Test Lead) |  |
| 2 | Review | Hari Prasad (Quality analyst) |  |
| 3 | Approval | Vinod Rao (Project Manager) |  |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification