

## **Test Plan Document for Amazon Website:**

### **1. Test Plan Id:** AMAZON\_SAT\_Project

### **2. Introduction:**

- ✓ The purpose of this project report is to provide a comprehensive overview of the testing activities conducted for an e-commerce website.
- ✓ System Test Plan for the Amazon website, a leading e-commerce platform. Customer Interface for users to browse and purchase products.
- ✓ Aims to address challenges impacting user experience, reliability, and functionality, including issues with product browsing, shopping cart management, and user account interactions.
- ✓ Ensures reliability, functionality, and usability to mitigate the negative impact on customer satisfaction, revenue, and user trust.

### **3. Test Items:**

#### **I. Customer Interface:**

- Product Search
- Add to Cart
- Filter
- Login
- Tab Navigation

### **4. References:**

- Requirements
- Specification
- Project Plan
- Test Strategy

### **5. Features to be tested:**

#### **I. Product Browsing:**

- Verify that users can search for products based on various criteria such as keywords
- Verify that search results display accurate and relevant products

#### **II. Add To Cart:**

- Verify that users can Search for specific product
- Verify that users can add those products to the cart

#### **III. Filter:**

- Verify that users can navigate to a product listing page.
- Verify that users can apply a specific price range filter, e.g., \$500 - \$1000.

#### IV. Login:

- Verify that users can enter username
- Verify that users can enter password
- Verify that users can login in to account

#### V. Tab Navigation

- Verify that users can search for any product
- Verify that users can click on that product
- Verify that users can navigate to any other tab

### **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

### **8) Exit Criteria:**

- All possible test cases executed
- Maximum defects fixed, final regression performed successfully
- Confidence in the 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 Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	M Manikanta Reddy	Test Lead	Test planning, guidance, Monitoring and test control	
2	M Manikanta Reddy	Sr. Tester	Test data collection, Generating test scenarios	
3	M Manikanta Reddy	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	M Manikanta Reddy	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	M Manikanta Reddy	Tester	Test case documentation, test execution, defect reporting and tracking for Corporate banking module	

#### 11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	2	5th Dec to 6th Dec	
2	Review meeting	1	7th Dec	
3	Generating Test scenarios	9	8th Dec to 16th Dec	
4	Reviews	2	17th Dec to 18th Dec	
5	Test case Documentation	7	19th Dec to 25th Dec	
6	Reviews	2	26th Dec to 27th Dec	
7	Test data collection	2	28th Dec to 29th Dec	
8	Reviews	1	30th Dec	
9	Verifying Test Environment Setup	1	31st Dec	
10	Create Test Batches	2	1st Jan to 2nd Jan	
11	Sanity Testing	1	3rd Jan	

12	Comprehensive testing	7	4th Jan to 10th Jan	
13	Sanity Testing	1	11th Jan	
14	Selecting Test Cases	2	12th Jan to 13th Jan	
15	Regressing Testing	3	14th Jan to 16th Jan	
16	Sanity Testing	1	17th Jan	
17	Selecting Test Cases	1	18th Jan	
18	Regression Testing cycle -2	5	19th Jan to 23rd Jan	
19	.			
.	.			
21	Final Regression	4	24th Jan to 27th Jan	
22	Evaluating Exit Criteria	2	28th Jan to 29th Jan	
23	Collecting all artifacts	2	30th Jan to 31st Jan	
24	Test Summary Report	3	1st Feb to 2nd Feb	

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

#### **12) Training:**

- Training program on Amazon Website
- Test Automation Training Using Katalon Tool

#### **13) Risks and Mitigations: N/A**

#### **14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

Server Side:

- Windows 7
- MS Office
- Chrome
- Katalon Studio

Client side:

- Windows xp+sp2
- Cross-browser compatibility: Chrome
- Ms-Office
- Support all front-end frameworks

AUT Environment:

- REST

- SOAP
- GraphQL
- SQL server 2005 for database server

#### 15) Test Deliverables:

- Test Plan
- Review reports
- 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	M. Manikanta Reddy (Test Lead)	Manikanta Reddy
2	Review	M. Manikanta Reddy (Quality Analyst)	Manikanta Reddy
3	Approval	M. Manikanta Reddy (Project Manager)	Manikanta Reddy

#### 17) Glossary

AUT- Application Under Test

PIN- Project Initiation Note

SRS- Software Requirement Specification