Test Plan Document For Amazon

1) **Test Plan Id:** Katalon Amazon 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.

   ➢ The testing activities were carried out to ensure that the website functions as expected, meets the requirements, and delivers a high-quality user experience. The report includes details on the testing objectives, scope, testing approach, test environment, test activities, test results, and recommendations for improvement.

   ➢ Verify the functionality of the website, including product browsing, product search, shopping cart, checkout process, payment processing, and order confirmation.

3) **Test Items:**

   ➢ Login

   ➢ Search An Item

   ➢ Add Product To The Cart

   ➢ Wishlist

   ➢ Logout

4) **References:**

   ➢ Requirements

   ➢ Project Plan

   ➢ Test Strategy

   ➢ Use cases

   ➢ High level Design Documents

   ➢ Low Level Design Documents

   ➢ Process Guide Line Documents

   ➢ Prototypes.

5) **Features to be tested:**

a) Login:

    i. Verify that users can login with valid credentials (email and password).

    ii. Verify that users cannot login with invalid or incorrect credentials.

    iii. Verify that users can reset their password in case they forget it.

    iv. Verify that appropriate error messages are displayed for incorrect login attempts.

b) Search An Item:

    i. Verify that users can search for products based on various criteria such as keywords, categories, brands, etc.

    ii. Verify that search results display accurate and relevant products.

    iii. Verify that users can filter and sort search results based on different parameters.

c) Add Product To The Cart:

    i. Verify that users can add products to their cart and view the cart contents.

    ii. Verify that users can update the quantity or remove products from the cart.

d) Wishlist:

    i. Verify that users can add product to wishlist and view the wishlist contents.

    ii. Verify that users can update the quantity or remove products from the wishlist.

e) Logout:

    i. Verify that users can login with valid credentials (email and password).

    ii. Verify that user can go to the settings.

    iii. Verify that the user can click on logout option.

6) Features not to be tested: NA.

7) Entry Criteria:

  a) Test Design:

    i. Team formation, Responsibilities, schedule, requirements, test case template.

    ii. Training on domain, on automation tools.

b) Test Execution:

    i. Readiness of test tab

    ii. Readiness of AUT

    iii. Requirements

    iv. Test case Documents

    v. Test data

    vi. Defect Report Template Etc…

8) Exit Criteria:

    i. All possible test cases executed

    ii. Maximum defect fixed, final regression performed successfully

    iii. Confidence on test process

    iv. Time limitations

    v. Budget limitations

9) Suspension criteria: Nil.

10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1.	R AMRUTHA	Test Lead	Test planning, guidance, Monitoring and test control	
2.	R AMRUTHA	Sr. Tester	Test data collection, Generating test scenarios	
3.	R AMRUTHA	Tester	Test case documentation, test execution, defect reporting and tracking for Admin module	

S.NO	NAME	ROLE	RESPONSIBILITIES	
4.	R AMRUTHA	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5.	R AMRUTHA	Tester	Test case documentation, test execution, defect reporting and tracking for Corporate banking module	

11) Schedule:

S.NO	TASKS	DAYS	DURATIONS	REMARKS
1.	Understanding and Analyzing requirements	2	6th Jan to 7th Jan	
2.	Review meeting	1	8th Jan	
3.	Generating Test scenarios	2	9th Jan to 10th Jan	
4.	Reviews	2	11th Jan to 12th Jan	
5.	Test case Documentation	1	13th Jan	
6.	Reviews	1	14th Jan	
7.	Test data collection	1	15th Jan	
8.	Reviews	1	15th Jan	
9.	Verifying Test Environment Setup	1	16th Jan	
10.	Create Test Batches	1	17th Jan	
11.	Sanity Testing	1	17th Jan	
12.	Comprehensive testing	1	18th Jan	

13.	Sanity Testing	1	18th Jan	
14.	Selecting Test Cases	1	18th Jan	
15.	Regression Testing	2	19th Jan to 20th Jan	
16.	Sanity Testing	1	21st Jan	
17.	Selecting Test Cases	1	22nd Jan	
18.	Regression Testing cycle -2	2	23rd Jan to 24th Jan	
19.	•			
•	•			
•	•			
28.	Final Regression	2	25th Jan to 26th Jan	
29.	Evaluating Exit Criteria	2	27th Jan to 28th Jan	
30.	Collecting all artifacts	3	29thJan to 31st Jan	
31.	Test Summary Report	1	1st Feb	

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

12) **Training:**

    i. Training program on Amazon Website

    ii. Test Automation Training Using Katalon Tools

13) **Risks and Mitigations:** NA.

14) **Test Environment/ Lab:**

    1) Application Type: Web Application, Internet and Public

      a) Server Side:

        i. Windows 10/11

        ii. Support all frontend frameworks

        iii. Trio Office

        iv. Browser IE 7.0.

      b) Client side:

       i. Windows 11

       ii. CPU

       iii. RAM

       iv. Trio Office Writer, Trio Office Calc

       v. Katalon Studio

   c) AUT Environment:

       i. Java

       ii. Katalon Studio Version 9.3.0

       iii. Chrome

15) Test Deliverables:

       i. Test Plan

       ii. Review reports

       iii. RTM

       iv. Test Scenario docs

       v. Test Case Docs

       vi. Test data

       vii. Opened, closed defect report

       viii. Test summary report

16) Approvals:

S.NO	TASKS	AUTHOR/ RULE	DATE & SIGNATURE
1.	Test plan documentation	Katalon studio	
2.	Review	Smart Bridge Team	
3.	Approval	Katalon Studio And Smart Bridge Team	

17) Glossary:

    i. AUT- Application Under Test

    ii. PIN- Project Initiation Note

    iii. SRS- Software Requirements Specifications.