

Test Plan 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	

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	6 th Jan to 7 th Jan	
2.	Review meeting	1	8 th Jan	
3.	Generating Test scenarios	2	9 th Jan to 10 th Jan	
4.	Reviews	2	11 th Jan to 12 th Jan	
5.	Test case Documentation	1	13 th Jan	
6.	Reviews	1	14 th Jan	
7.	Test data collection	1	15 th Jan	
8.	Reviews	1	15 th Jan	
9.	Verifying Test Environment Setup	1	16 th Jan	
10.	Create Test Batches	1	17 th Jan	
11.	Sanity Testing	1	17 th Jan	

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

Application Type: Web Application, Internet and Public

Server Side:

- i. Windows 10/11
- ii. Support all frontend frameworks
- iii. Trio Office
- iv. Tool, etc...

- v. Browser IE 7.0

Client side:

- i. Windows 11
- ii. CPU
- iii. RAM
- iv. Trio Office Writer, Trio Office Calc
- v. Katalon Studio

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