

TEST PLAN IEEE FORMAT: Test Plan Document for Amazon Web Service:

1. Test Plan ID: Amazon_TP_001

2. Introduction: About the Project and testing

- ✓ The objective of this test plan is to ensure the functionality, usability and performance of the Amazon website.
- ✓ This test plan covers testing of key features including product search, browsing, and overall site navigation across various devices and browsers.
 - ✓ Testing will be conducted using a combination of manual and automated techniques.
 - ✓ The testing environment will replicate real-world conditions as closely as possible.
- ✓ Upon completion, the test plan will deliver comprehensive test reports detailing test coverage, test results, identified issues for improvements to ensure the Amazon website meets quality standards and user expectations.

3. Test Items:

- ✓ Information
- ✓ Functional Testing
- ✓ Browsing and navigation
- ✓ Search functionality
- ✓ Product pages
- ✓ Overall user experience

4. References

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

5. Features to Be Tested:

- ✓ Validate the amazon application to search an item
 - Open URL in browser
 - Select the category
 - Enter the item to be searched
 - Search the item
- ✓ Change country from footer links
 - Open URL in Browser
 - Click on country box
 - Select country from drop down list
 - Click on go to website

- ✓ Verify the footer links
 - Open URL in browser
 - Click on anyone footer link
 - Go back to homepage
 - Click on another footer link
- ✓ Verify the products on homepage are clickable
 - Open URL in browser
 - Click on product
- ✓ Verify the logo on Home page
 - Open URL in browser
 - On homepage verify different present

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. Approach:

Boundary value Analysis

Equivalence partition

Random Testing

Regression Testing

10. Features Pass/Fail Criteria:

Validate the amazon application to search an item

Pass Criteria – Successful Execution with searched item page

Fail Criteria –

1. Unable to select category
2. Unable to feed item name in search box
3. Search button on working

11. Suspension Criteria: Nill

12. Test Environment:

- *System specification –*

Edition Windows 11 Home Single Language

Version 22H2

Processor 11th Gen Intel(R) Core(TM) i5-1155G7 @ 2.50GHz 2.50 GHz

Installed RAM 16.0 GB (15.8 GB usable)

System type 64-bit operating system, x64-based processor

- *Katalon Studio -*

Support all front-end framework: ReactJS, AngularJS, VueJS

Cross-browser compatibility: Chrome, Firefox, Safari, Edge

- *Application Type:*

Web Application, Internet and public

- *Chrome version:*

Version 121.0.6167.140(Official Build) (64 bit)

- *Server Side:*

Windows 2003 server

UNIX server

MS Exchange server a) webserver b) EDP c) Data storage

Bugzilla tool

VSS

MS Office

HP UFT Tool etc

Browser IE 7.0

- *Client side:*

Windows xp+sp2

VSS

Ms-Office

HP UFT

AUT Environment:

.NET(c#,VC++,ADO)

IIS- web server
COM+ - APP server
SQL server 2005 for database server

13. Test Deliverables:

Test plan
Test cases
Test log
Test reports

14. Test Tasks: necessary tasks to do before starting of every project testing

Create Test Suite
Add Test cases to Test suite
Select browser to run test case
Select environment to run test case
Select where to upload the reports
Select Run button

15. Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Sumit	Test Lead	Test planning, guidance, Monitoring and test control	
2	Sumit	Sr. Tester	Test data collection, Generating test scenarios	
3	Sumit	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	Sumit	Tester	Test case documentation, test execution, defect reporting and tracking for Website	
5	Sumit	Tester	Test cases creation with all possible functionalities	
6	Sumit	Tester	Test cases execution with all possible functionalities	
7	Sumit	Tester	Test cases reports generation to know about working	

16. Schedule: Dates and times

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	5 th Jan	

2	Review meeting	1	6 th Jan	
3	Generating Test scenarios	4	7 th Jan to 11 th Jan	
4	Reviews	1	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	16 th Jan	
9	Verifying Test Environment Setup	1	17 th Jan	
10	Create Test Batches	1	18 th Jan	
11	Sanity Testing	1	19 th Jan	
12	Comprehensive testing	1	20 th Jan	
13	Sanity Testing	1	21 th Jan	
14	Selecting Test Cases	1	22 th Jan	
15	Regressing Testing	1	23 rd Jan	
16	Sanity Testing	1	24 th Jan	
17	Selecting Test Cases	1	25 th Jan	
18	Regression Testing cycle -2	1	26 th Jan	
19	Final Regression	1	27 th Jan	
20	Evaluating Exit Criteria	1	28 th Jan	
21	Collecting all artifacts	1	29 th Jan	
22	Test Summary Report	1	30 th Jan	

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

17. **Risks and Mitigations:** NIL

18. **Training:**

Training program on Amazon Domain

Test Automation Training Using HP UFT Tool

19. **Approvals:**

SNO	TASK/S	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Smart bridge team Mamatha mam	
2	Review	Smart bridge team Mamatha mam	
3	Approval	Smart bridge team Mamatha mam	

20. **Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification

