

A Test Plan Document for E-commerce Amazon web Application:

1. Test Plan Id: AMZN_ST_TP_001

2. Introduction:

- ✓ It is a system Test Plan for the e-commerce Amazon web application, an internet web application, that provides access to all users and guests from anywhere in the world.
- ✓ It has only one interface is the user interface.
- ✓ users can registering and giving credentials to login and get accessed for amazon web application from anywhere.
- ✓ The purpose of the internet e-commerce Amazon web application is to provide an e-commerce Amazon web application that sells many products lines, including media(books,movies,music,and software, apparel,baby products,industrial and scientific supplies,kitchen items,jewelry,watches,lawn and garden items,musical instruments, sporting goods, automotive items, toys and games, farm supplies and consulting services, amazon websites are country specific though some offers international shipping.

3. Test Items:

- ✓ registration Interface
- ✓ Sign-in Interface
- ✓ Validate category for Search items.
- ✓ Check for laptops.
- ✓ validate item to add in shopping cart

4. References:

- ✓ Requirments
- ✓ 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:

a) Registration Interface:

1. Launch the browser.
2. Add Name
3. Add mobile number.
4. Add email id.
5. Add password.
6. Verify mobile number.

b) sign in Interface:

1. Add email or mobile number

2. Add password
3. click on sign in
- c) Validate the amazon application to search an item
 - 1.open /give url
 - 2.select the category
 - 3.enter the item to searched
 - 4.click on the magnifier button
- d) validate check for laptops
 1. Click on search in amazon search box
 - 2.Type for laptops in search box
 - 3.Check for items appears related to laptops
- e)validate item to add in shopping cart
 - 1.select the Item related to laptops
 - 2.click on the item
 3. add item to wish list in shopping cart

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:

Null

10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
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1	Anagandula Nikhil Kumar	Test Lead	Test planning, guidance, Monitoring and test control	
2	Anagandula Nikhil Kumar	Sr. Tester	Test data collection, Generating test scenarios	
3	Anagandula Nikhil Kumar	Tester	Test case documentation, testexecution, defect reporting and tracking for admin module	
4	Anagandula Nikhil Kumar	Tester	Test case documentation, testexecution, defect reporting and tracking for Personal banking module	
5	Anagandula Nikhil Kumar	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	2	28 th Nov to 30 th Nov	
2	Review meeting	1	4 th dec	
3	Generating Test scenarios	2	5 th Dec to 6 th Dec	
4	Reviews	1	7 th Dec	
5	Test case Documentation	3	8 th Dec to 10 th Dec	
6	Reviews	1	11 th Dec	
7	Test data collection	5	12 th Dec to 16 th Dec	
8	Reviews	1	17 th Dec	
9	Verifying Test Environment Setup	1	18 th Dec	
10	Create Test Batches	02	19 th Dec to 20 th Dec	
11	Sanity Testing	1	21 st Dec	
12	Comprehensive testing	04	22 st Dec	
13	Sanity Testing	1	23 rd Dec	
14	Selecting Test Cases	2	24 th and 25 th December	
15	Regressing Testing	05	26 th Dec	
16	Sanity Testing	1	27 th Dec	
17	Selecting Test Cases	1	28 th Dec	
18	Regression Testing cycle -2	2	29 th Dec to 30 Dec	
19	.			
.	.			
.	.			
28	Final Regression	4	31 st Dec	

29	Evaluating Exit Criteria	1 or 2	1 st Jan to 2 nd Jan	
30	Collecting all artifacts	2	3 rd Jan to 4 th Jan	
31	Test Summary Report	1	5 th Jan	

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

12) Training:

- Training program on e-commerce Amazon web application
- Test Automation Training Using Katalon Automation Tool

13) Risks and Miligations

- Nill

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Server Side:

- **Microsoft Edge** Version 121.0.2277.83 (Official Build) (64-bit)
- MS Exchange server a) webserver b) Data storage
- MS Office

Client side:

- Support all front-end frameworks: ReactJS, AngularJS, VueJS
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge
- Ms-Office
- Katalon studio
- Universal Windows Platform (UWP)
- Windows Forms (WinForms)
- Windows Presentation Foundation (WPF)
- Classic Windows (Win32) apps on Windows 10 PCs

AUT Environment:

- Support all front-end frameworks: ReactJS, AngularJS, VueJS
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge
- SQL server

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
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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