

TEST PLAN FOR AMAZON PROJECT:

1. Test Plan Id: AMZ_TP_001

2. Introduction:

- ✓ The Amazon Website Test Plan is designed for a thorough assessment of the functionality, reliability, and performance of the e-commerce platform. Employing black-box testing principles, the plan focuses on the external behavior of the system without delving into its internal code or architecture. It has two interfaces one is Admin interface another is user interface.
- ✓ Recognizing the dynamic nature of the Amazon platform, the test plan is geared towards validating both existing and new features. By conducting collaborative testing, the team aims to identify potential issues, report defects, and contribute to the continual success and reliability of the Amazon e-commerce platform, upholding the high standards expected by millions of customers worldwide. The purpose of the system (Application) is to provide bank information and services online (through internet), Bank account holders can get banking services from anywhere, without visiting the bank branches.

3. Test Items:

- ✓ User Login
- ✓ Search functionality
- ✓ User Registration
- ✓ Current language setting
- ✓ Category selection
- ✓ Current currency setting
- ✓ Add to cart list functionality

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) User Login:

- l) Successful login with valid credentials:**

- Correct username and password combination
 - Case sensitivity of credentials
 - Handling of extra spaces
- II) Failed login with invalid credentials:
 - Incorrect username or password
 - Empty fields
 - Special characters
- b) Search functionality:
 - I) Successful search with various keywords:
 - Exact matches
 - Partial matches
 - Misspelled words
- c) User Registration :
 - I) Successful registration with valid data
 - Required fields
 - Data validation (e.g., email format, password strength)

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: NIL.

10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Hritik Bhattacharya	Test Lead	Test planning, guidance, Monitoring and test control	
2	Hritik Bhattacharya	Sr. Tester	Test data collection, Generating test scenarios	
3	Hritik Bhattacharya	Tester	Test case documentation, test execution, defect reporting and tracking for User login module	
4	Hritik Bhattacharya	Tester	Test case documentation, test execution, defect reporting and tracking for user Registration module	
5	Hritik Bhattacharya	Tester	Test case documentation, test execution, defect reporting and tracking for search functionality module	
6	Hritik Bhattacharya	Tester	Test case documentation, test execution, defect reporting and tracking for current language setting module	
7	Hritik Bhattacharya	Tester	Test case documentation, test execution, defect language and tracking for category selection module	

11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	9 th January	
2	Review meeting	1	9 th January	
3	Generating Test scenarios	1	10 th January	
4	Reviews	1	10 th January	

5	Test case Documentation	1	10 th January	
6	Reviews	1	10 th January	
7	Test data collection	1	11 th January	
8	Reviews	1	12 th January	
9	Verifying Test Environment Setup	1	12 th January	
10	Create Test Batches	2	13 th January to 14 th January	
11	Sanity Testing	2	15 th January to 16 th January	
12	Comprehensive testing	2	17 th January to 18 th January	
13	Sanity Testing	2	19 th January to 20 th January	
14	Selecting Test Cases	1	21 st January	
15	Regressing Testing	1	22 nd January	
16	Sanity Testing	1	23 rd January	
17	Selecting Test Cases	1	24 th January	
18	Regression Testing cycle -2	1	25 th January	
19	.			
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28	Final Regression	1	26 th January	
29	Evaluating Exit Criteria	1	27 th January	
30	Collecting all artifacts	1	27 th January	
31	Test Summary Report	1	28 th January	

12)Training:

- Training program on E-commerce Domain (Amazon).
- Test Automation Training Using katalon studio
- During training learn different functional testing methods
- Learn how to make test cases, manipulate TC how to create test suite how to execute and run those test cases and how to generate the last report
- Learn integration of katalon with git, Jenkins etc.

13) Risks and Miligations : NIL.

14) Test Environment/ Lab:

- Application type : Web application , internet and public
- Browser compatibility : Version 120.0.6099.225
- Katalon studio V9
- Support all front-end frameworks: ReactJs, AngularJs,VueJs.
- Cross-Browser compatibility : chrome, Firefox, Safari, Edge.
- Device used :Hp pavilion laptop ,RAM: 8GB, Ryzen 5 series processor.

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	Hritik Bhattacharya (self)	
2	Review	Project Mentor	
3	Approval	Project mentor	