

TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION:

1. Test Plan ID: AWA_ST_TP_001

2. Introduction:

- Project report on Amazon's testing activities for its e-commerce services.
- Tests ensure website functionality, meeting requirements, and enhancing user experience.
- The report covers testing objectives, scope, approach, test environment, and activities conducted.
- Outcomes analysis includes successes and areas for improvement in Amazon's e-commerce platform.
- Recommendations, in conclusion, aim to enhance overall performance based on test findings.

3. Test Items:

- Registration
- Sign in interface
- Search item
- Add to cart
- Orders

4. References:

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

5. Features to Be Tested:

- Registration
 1. Your Name
 2. Mobile Number
 3. Password
 4. Verify the Mobile Number button
- Sign in Interface
 1. Email or mobile phone number
 2. Continue button
 3. Password
 4. Sign-in button

- Search item
 1. Category
 2. Search Bar
 3. Magnifier button
- Add to cart
 1. Add to cart button
 2. Go to cart button
 3. Quantity drop down
 4. Gift Pack Check box
 5. Delete
- Orders
 1. Order Confirmed

6. Features Not to Be Tested: NA

7. Approach: BVA, Equivalence Partition, Regression Testing, Random Testing

8. Entry Criteria:

- Test Design:
 - Team formation, Responsibilities, Schedule, Requirements, test case template
 - Training on the domain, automation tools
- Test Execution
 - Readiness of Test tab
 - Readiness of AUT
 - Requirements
 - Test case Documents
 - Test Data
 - Defect Report Template
 - Etc....

9. Exit Criteria:

- All possible test cases executed
- Maximum defect fixed, final regression performed successfully
- Confidence in the test process
- Time limitations
- Budget limitations

10. Suspension Criteria: Nil

11. Test Environment:

- **AUT Environment:**

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

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

- **Server side Environment**

Version 120.0.6099.225 (Official Build) (64-bit)

12. Test Deliverables:

- Test Plan
- Test Cases
- Test Log
- Test Summary Reports

13. Responsibilities:

S.NO	Name	Role	Responsibilities	Remarks
1	B Nitheesha	Test Lead	Test planning, guidance, Monitoring, and test control	
2	B Nitheesha	Tester	Test data collection, Generating test scenarios	
3	B Nitheesha	Tester	Test case documentation, test execution, defect reporting, and tracking for the admin module	
4	B Nitheesha	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	B Nitheesha	Test Manager	Oversees the entire testing process, Manages and mentors the testing team, and Provides testing status reports to stakeholders.	

6	B Nitheesha	Security Tester	Conducts security assessments to identify vulnerabilities, Performs penetration testing on applications and networks, and Recommends security measures to address vulnerabilities.	
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14. Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	1	10th January	
2	Reviews	1	11th January	
3	Generating Test scenarios	1 1/2	11-12th January	
4	Reviews	1/2	12th January	
5	Test case Documentation	1	13th January	
6	Reviews	1/2	14th January	
7	Verifying Test Environment Setup	1 1/2	14-15th January	
8	Create Test Batches	2	15-17th January	
9	Sanity Testing	1	18th January	
10	Comprehensive testing	1	19th January	
11	Selecting Test Cases	1	20th January	

12	Regressing Testing	1	21st January	
13	Selecting Test Cases	1	22nd January	
14	Regression Testing Cycle -2	1	23rd January	
15	Final Regression	1	24th January	
16	Evaluating Exit Criteria	1	25th January	
17	Collecting all artifacts	1	26th January	
18	Test Summary Report	1	27th January	

15. Training:

- Training program on E-Commerce Domain
- Test Automation Training Using Katalon Tool

16. Risks and Mitigations: Nil

17. Approvals:

SNO	TASKS	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	Mamatha	
2	Review	Smart Internz Team	
3	Approval	Smart Bridge Team	

18. Glossary:

- BVA - Boundary Value Analysis