

TEST PLAN DOCUMENT FOR AMAZON WEBSITE APPLICATION:

1. Test Plan Id: AAP_ST_TP_001

2. Introduction:

- A comprehensive project report on Amazon's e-commerce testing efforts.
- Emphasis on assuring website functionality, meeting criteria, and improving the user experience.
- Addresses testing objectives, scope, approach, test environment, and conducted activities.
- The review of Amazon's e-commerce platform highlights both triumphs and places for development. The recommendations aim to improve overall performance based on test findings.
- Emphasis on testing important website functionalities such product browsing, search, shopping cart, checkout, payment processing, and order confirmation.

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 Guide line document
- Prototypes

5. Features to be tested:

- Registration
 - Your Name
 - Mobile Number
 - Password
 - 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 domain, on automation tools
- Test Execution
 - Readiness of test tab
 - Readiness of AUT
 - Requirements
 - Test case Documents
 - Test data
 - Defect Report Template Etc...

9. Exit Criteria:

- a. All possible test cases executed
- b. Maximum defect fixed, final regression performed successfully
- c. Confidence on test process
- d. Time limitations
- e. 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	Yagna Sai Pravalika J	Test Lead	Test planning, guidance, and overall test control	
2	Yagna Sai Pravalika J	Sr. Tester	Test data collection and generation of test scenarios	
3	Yagna Sai Pravalika J	Tester	Test case documentation, execution, defect reporting, and tracking for admin module	
4	Yagna Sai Pravalika J	Tester	Test case documentation, execution, defect reporting, and tracking for Personal banking module	
5	Yagna Sai Pravalika J	Test Manager	Oversees the entire testing process, manages and mentors the testing team, and provides testing status reports to stakeholders	
6	Yagna Sai Pravalika J	Security Tester	Conducts security assessments, performs penetration testing on applications and networks, recommends security measures	