

Test Plan Document for Amazon Web Application:

1. Test Plan Id: AAP_ST_TP_001

2. Introduction:

- ✓ The purpose of this project report is to provide a comprehensive overview of the testing activities conducted for an e-commerce website.
- ✓ The testing activities were carried out to ensure that the website functions as expected, meets the requirements, and delivers a high-quality user experience. The report includes details on the testing objectives, scope, testing approach, test environment, test activities, test results, and recommendations for improvement.
- ✓ Verify the functionality of the website, including product browsing, product search, shopping cart, checkout process, payment processing, and order confirmation.

3. Test Items:

- ✓ User Registration
- ✓ User Login
- ✓ Product browsing and searching
- ✓ Shopping cart functionality
- ✓ Order confirmation

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:

a) User Login

1. login with valid credentials (email and password).
2. login with invalid or incorrect credentials.
3. Reset their password in case they forget it.
4. Error messages are displayed for incorrect login attempts.

b) Home Page

1. home page is clickable
2. User profile section
3. Product Categorization
4. click on product it should redirected
5. Todays deals page
6. customer service page

c) Product browsing and searching:

1. users can search for products based on various criteria such as keywords, categories, brands, etc.
2. search results display accurate and relevant products.
3. Filter and sort search results based on different parameters.

d) Shopping cart functionality

1. Adding a product to the shopping cart.
2. Update the quantity
3. remove products from the cart.
4. The cart total is correctly calculated.
5. Save for later button.

e) Order Process

1. Proceed to Checkout
2. Add/edit shipping addresses.

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 | R Marieswaran | Test Lead | Test planning, guidance, Monitoring and test control | |
| 2 | R Marieswaran | Sr. Tester | Test data collection, Generating test scenarios | |
| 3 | R Marieswaran | Tester | Test case documentation, test execution, defect reporting and tracking for admin module | |
| 4 | R Marieswaran | Tester | Test case documentation, test execution, defect reporting and tracking for Personal banking module | |
| 5 | R Marieswaran | Tester | Test case documentation, test execution, defect reporting and tracking for Corporate banking module | |

11) Schedule:

| SNO | TASK | DAYS | DURATION | REMARKS |
|-----|-----------------------------|------|--|---------|
| 1 | Understanding and Analyzing | 2 | 8 th Jan to 9 th Jan | |

| | | | | |
|----|----------------------------------|---|--|--|
| | requirements | | | |
| 2 | Review meeting | 1 | 10 th Jan | |
| 3 | Generating Test scenarios | 2 | 11 th Jan to 12 nd Jan | |
| 4 | Reviews | 2 | 13 th Jan to 14 th Jan | |
| 5 | Test case Documentation | 1 | 15 th Jan | |
| 6 | Reviews | 1 | 16 th Jan | |
| 7 | Test data collection | 1 | 17 th Jan | |
| 8 | Reviews | 1 | 17 th Jan | |
| 9 | Verifying Test Environment Setup | 1 | 18 th Jan | |
| 10 | Create Test Batches | 1 | 19 th Jan | |
| 11 | Sanity Testing | 1 | 19 th Jan | |
| 12 | Comprehensive testing | 1 | 20 th Jan | |
| 13 | Sanity Testing | 1 | 20 th Jan | |
| 14 | Selecting Test Cases | 1 | 20 th Jan | |
| 15 | Regressing Testing | 2 | 21 th Jan to 22 th Jan | |
| 16 | Sanity Testing | 1 | 23 th Jan | |
| 17 | Selecting Test Cases | 1 | 24 th Jan | |
| 18 | Regression Testing cycle -2 | 2 | 25 th Jan to 26 th Jan | |
| 19 | . | | | |
| . | . | | | |
| . | . | | | |
| 28 | Final Regression | 1 | 26 th Jan | |
| 29 | Evaluating Exit Criteria | 1 | 27 th Jan | |
| 30 | Collecting all artifacts | 1 | 27 th Jan | |
| 31 | Test Summary Report | 1 | 28 th Jan | |

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

12) Training:

- Training program on Banking Domain
- Test Automation Training Using HP UFT Tool

13) Risks and Mitigations: NA

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Client side:

- Windows xp+sp2

- Chrome Version 120.0.6099.201 (Official Build)
- Support all frontend frameworks: ReactJS, AngularJS
- Ms-Office
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge

AUT Environment:

- REST
- SOAP
- Chrome Version 120.0.6099.201 (Official Build)
- GraphQL
- SQL server 2005 for database 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 |
|-----|-------------------------|-------------------------------|------------------|
| 1 | Test plan documentation | Mamatha (Test Lead) | |
| 2 | Review | Katalon Team(Quality analyst) | |
| 3 | Approval | SmartBridge(Project Manager) | |

17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification