

1. Test Plan Id: IP_ST_TP_001

2. Introduction:

- ✓ it is system Test plan for the online shopping system, internet web application, provides access to the users from any where in the world.
- ✓ It has one interface.it is user interface.
- ✓ Amazon Shopping Portal facilitates a wide range of products and services, including online shopping, streaming, and digital content.

3. Test Items:

- ✓ Product Search
- ✓ Product Browsing
- ✓ User Registration
- ✓ User Login
- ✓ Shopping Cart

4. References:

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

1. Features to be tested:

a) User Registration:

1. Verify that users can register with valid details such as name, email, and password.
2. Verify that users cannot register with invalid or duplicate email addresses.
3. Verify that mandatory fields are properly validated and error messages are displayed for missing or invalid information.
4. Verify that users receive confirmation emails after successful registration.

b) User Login

1. Verify that users can login with valid credentials (email and password).
2. Verify that users cannot login with invalid or incorrect credentials.
3. Verify that users can reset their password in case they forget it.

4. Verify that appropriate error messages are displayed for incorrect login attempts.

c) Product browsing and searching:

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

d) Shopping cart functionality

1. Verify that users can add products to their cart and view the cart contents.
2. Verify that users can update the quantity or remove products from the 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
1	M Priya	Test Lead	Test planning, guidance, Monitoring and test control	
2	M Priya	Sr. Tester	Test data collection, Generating test scenarios	
3	M Priya	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	M Priya	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	M Priya	Tester	Test case documentation, test execution, defect reporting and tracking for Corporate banking module	

11) Schedule:

SN O	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	2	8 th Jan to 9 th Jan	
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	

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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 has been starts from dec 5th to jan 5th
- Training program on different type of ecommerce websites like a amazon, facebook, cura healthcare service
- Test Automation training Using Katalon Studio

13) Risks and Miligations: NIL

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Server Side:

- Windows 11
- UNIX server
- MS Exchange server a) webserver b) EDP c) Data storage
- Katalon tool
- VSS
- MS Office
- HP UFT Tool etc
- Browser

Client side:

- Windows xp+sp2
- Support all frontend frameworks: ReactJS, AngularJS
- Ms-Office
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge

AUT Environment:

- REST
- SOAP
- 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	Mamtha(Test Lead)	
2	Review	Sachin (Quality analyst)	
3	Approval	Mamtha (Project Manager)	

17) Glossary

- AUT- Application Under Test
- PIN- Project initiation note
- SRS- Software Requirement Specification