1. **Test Plan Id: AMZ_ST_TP_001**

2. **Introduction:**
- ✓ It is system Test plan for the online shopping system, internet web application, provides access to the users from anywhere 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

5. **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

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	K Neha	Test Lead	Test planning, guidance, Monitoring and test control	
2	K Neha	Sr. Tester	Test data collection, Generating test scenarios	
3	K Neha	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	K Neha	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	K Neha	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 requirements	2	8th Jan to 9th Jan	
2	Review meeting	1	10th Jan	
3	Generating Test scenarios	2	11th Jan to 12^{nd}Jan	
4	Reviews	2	13th Jan to 14th Jan	
5	Test case Documentation	1	15th Jan	
6	Reviews	1	16th Jan	
7	Test data collection	1	17th Jan	
8	Reviews	1	17th Jan	
9	Verifying Test Environment Setup	1	18th Jan	
10	Create Test Batches	1	19th Jan	
11	Sanity Testing	1	19th Jan	
12	Comprehensive testing	1	20th Jan	
13	Sanity Testing	1	20th Jan	
14	Selecting Test Cases	1	20th Jan	
15	Regressing Testing	2	21th Jan to 22th Jan	
16	Sanity Testing	1	23th Jan	

17	Selecting Test Cases	1	24th Jan	
18	Regression Testing cycle -2	2	25th Jan to 26th Jan	
19	.			
.	.			
.	.			
28	Final Regression	1	26th Jan	
29	Evaluating Exit Criteria	1	27th Jan	
30	Collecting all artifacts	1	27th Jan	
31	Test Summary Report	1	28th Jan	

12)Training:

- Training program has been starts from 4th December till 4th January.
- Training program on different type of websites like Amazon, Facebook, Cura healthcare service.
- Test Automation training Using Katalon Studio.

13) Risks and Mitigations : NIL

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public
Server Side:

- Windows 10
- UNIX server
- MS Exchange server a) webserver b) EDP c) Data storage
- Katalon tool
- VSS
- MS Office
- HP UFT Tool
- 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)	
4	Smart Bridge Team		
5	Katalon Team		

17) Glossary:

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