<u>A Sample Test Plan Document for Amazon Application:</u>

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 Registration:
      1. Create new user
   b) User Login
      1. User sign in
      2. Edit profile
      3. Orders

4. Wishlist

5. Sign out

c) Product browsing and searching:

1. Product search

2. Sort

3. filters

d) Shopping cart functionality

1. Add a product

2. Increase or Decrease product quantity

3. Delete a product

e) Order confirmation
   1. Order Confirmation

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	PALLE DEEKSHITHA	Test Lead	Test planning, guidance, Monitoring and test control	
2	PALLE DEEKSHITHA	Sr. Tester	Test data collection, Generating test scenarios	
3	PALLE DEEKSHITHA	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	PALLE DEEKSHITHA	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	PALLE DEEKSHITHA	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 12nd 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	

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

12)Training:

- Training program on e-commerce Domain
- Test Automation Training Using Katalon Studio

13) Risks and Mitigations: NA

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Server Side:

- Windows 2003 server
- UNIX server
- MS Exchange server a) webserver b) EDP c) Data storage
- Bugzilla tool
- Support all frontend frameworks
- MS Office
- HP UFT Tool, etc…
- Browser IE 7.0

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	Hari Prasad (Quality analyst)	
3	Approval	Vinod Rao (Project Manager)	

17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification