TEST PLAN IEEE FORMAT:

A Sample Test Plan Document for Amazon Application:

1. **Test Plan Id: Amazon_ST_TP_001**
2. **Introduction:**
✓ Amazon is an e-commerce, cloud computing, online advertising, digital streaming, and artificial intelligence website that allows users to browse for products and place orders based on their wish lists.
✓ It is sometimes referred to as "one of the most influential economic and cultural forces in the world," and is widely regarded as one of the world's most valuable brands.
✓ Amazon also offers a variety of downloading and streaming content via its Amazon Prime Video, Amazon Music, Twitch, and Audible platforms.

3. **Test Items:**
✓ Create Account
✓ Sign in
✓ Categories and Search Field
4. **Features to be tested:**
    a) Create Account:
        1. Name Text field Validation
        2. Country code and Mobile number Text Field Validation
        3. Password Text field Validation
    b) Sign in:
        1. Enter valid mobile number or email
        2. And click on Continue
        3. Enter valid Password
    c) Categories and Search field:
        1. Select a category from the drop down list.
        2. Based on category. Write the product in the search field.
        3. Results will be displayed depending on categories.
    c) Add :
        1. Select a category from the drop down list.
        2. Based on category. Write the product in the search field.
        3. Results will be displayed depending on categories.

5. Features not to be tested:NA

6. Approach:

    I.   Create Account Features: Boundary Value Analysis

    II.   Sign In feature :Equivalence partition

    III.   Category and search field features: Random testing

7. Features Pass/Fail Criteria:

    I.   Pass Criteria for Sign In Module:

        a) Enter Valid email-id:

            i.   email-id must contain @ and domain(eg:-.com,.in)

            ii.   and click on continue button

            iii.   and enter correct password

            iv.   and click on sign button

            v.   it will redirect to new page

        b) Enter Valid mobile number:

            i.   Enter mobile number

            ii.   Mobile number length depend upon with country code

            iii.   and click on continue button

            iv.   Enter password

            v.   and click on sign button

            vi.   it will redirect to new page

    II.   Fail Criteria for Sign In Module:

            i.   When an email address is entered but the password field is left empty, or vice versa,

            ii.   When a mobile phone is entered but the password field is left empty, or vice versa,

            iii.   if the email address and number are entered together

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 Resposibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Akshit Kumar Tiwari	Test Lead	Test planning, guidance, Monitoring and test control	
2	Akshit Kumar Tiwari	Sr. Tester	Test data collection, Generating test scenarios	
3	Akshit Kumar Tiwari	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	Akshit Kumar Tiwari	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	Akshit Kumar Tiwari	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	5	3rd January	
2	Review meeting	1	4th January	
3	Generating Test scenarios	10	6th January	
4	Reviews	02	8th January	
5	Test case Documentation	40	9th January	
6	Reviews	04	11th January	
7	Test data collection	6	12th January to 14th January	
8	Reviews	1	15th January	

9	Verifying Test Environment Setup	1	16th January	
10	Create Test Batches	02	18th January to 20th January	
11	Sanity Testing	1	21th January	
12	Comprehensive testing	25	22nd January to 24th January	
13	Sanity Testing	1	25th January	
14	Selecting Test Cases	2	26th January	
15	Regressing Testing	05	27th January	
16	Sanity Testing	1	28th January	
17	Selecting Test Cases	1	29th January	
18	Regression Testing cycle -2	4	30th January	
19	.			
.	.			
.	.			
28	Final Regression	8	31st January	
29	Evaluating Exit Criteria	1 or 2	1st February	
30	Collecting all artifacts	2	2nd February	
31	Test Summary Report	1	3rd February	

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

12) Training:

- Training program on E-commerce domain
- Test Automation Training Using HP UFT Tool

13) Risks and Miligation:NIL

14) Test Environment/ Lab:

Hardware Specification:

- Windows 2010 pro
- Processor i5
- Ram 8GB
- 64-bit operating System

Software:

- Katalon Studio: v9.0.0+
- Browser:v120

AUT Environment:

- Support all front-end frameworks: ReactJS, AngularJS, VueJS
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge

15) Test Deliverables:

- Test Plan
- Test cases
- Test Procedures
- Test Log
- Test Report

16) Approvals:

SNO	TASK/S	AUTHOR/ RULE	DATE & SIGNATURE
1	Test plan documentation	(Test Lead)	
2	Review	(Quality analyst)	
3	Approval	(Project Manager)	

17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification