TEST PLAN IEEE FORMAT:

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.

5. **Features Not to Be Tested:** NA

6. **Approach:**

➢ Create Account Features: Boundary Value Analysis

➢ Sign In feature :Equivalence partition

➢ Category and search field features: Random testing

7. **Features Pass/Fail Criteria:**

➢ Pass Criteria for Sign In Module:

    a) Enter Valid email-id:

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

        2. and click on continue button

        3. and enter correct password

4. and click on sign button
5. it will redirect to new page

b) Enter Valid mobile number:
1. Enter mobile number
2. Mobile number length depend upon with country code
3. and click on continue button
4. Enter password
5. and click on sign button
6. it will redirect to new page

➢ Fail Criteria for Sign In Module:
i. When an email address is entered but the password field is left empty, or vice versa,
j. When a mobile phone is entered but the password field is left empty, or vice versa,
k. 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 Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Gugulothu Sharath	Test Lead	Test planning, guidance, Monitoring and test control	

2	Gugulothu Sharath	Sr. Tester	Test data collection, Generating test scenarios	
3	Gugulothu Sharath	Tester	Test case documentation, test execution, defect reporting and tracking for admin module	
4	Gugulothu Sharath	Tester	Test case documentation, test execution, defect reporting and tracking for Personal banking module	
5	Gugulothu Sharath	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	.			

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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 Banking Domain
- Test Automation Training Using HP UFT Tool

13) Risks and Mitigations: NA

14) Test Environment/ Lab:

Hardware Specifications

- ➢ Window 11
- ➢ i5 processor
- ➢ 8GB RAM
- ➢ 64-bit OS

Software:

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

15) Test Deliverables:

- Test Plan
- Test Procedures
- Test Cases
- Test Log
- Test 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