**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.

1. **Test Items:**

* Create Account
* Sign in
* Categories and Search Field

1. **Features to be tested:**
   1. 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:**

1. Create Account Features: Boundary Value Analysis
2. Sign In feature :Equivalence partition
3. Category and search field features: Random testing

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

1. Pass Criteria for Sign In Module:
2. Enter Valid email-id:
3. email-id must contain @ and domain(eg:-.com,.in)
4. and click on continue button
5. and enter correct password
6. and click on sign button
7. it will redirect to new page
8. Enter Valid mobile number:
9. Enter mobile number
10. Mobile number length depend upon with country code
11. and click on continue button
12. Enter password
13. and click on sign button
14. it will redirect to new page
15. Fail Criteria for Sign In Module:
16. When an email address is entered but the password field is left empty, or

vice versa,

1. When a mobile phone is entered but the password field is left empty, or vice versa,
2. 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 | Dilip Kumar Pradhan | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Dilip Kumar Pradhan | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Dilip Kumar Pradhan | Tester | Test case documentation, test execution, defect reporting and tracking for admin module |  |
| 4 | Dilip Kumar Pradhan | Tester | Test case documentation, test execution, defect reporting and tracking for Personal banking module |  |
| 5 | Dilip Kumar Pradhan | 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 | 2nd January |  |
| 2 | Review meeting | 1 | 3th January |  |
| 3 | Generating Test scenarios | 10 | 5th January |  |
| 4 | Reviews | 02 | 6th January |  |
| 5 | Test case Documentation | 40 | 8th January |  |
| 6 | Reviews | 04 | 9th January |  |
| 7 | Test data collection | 6 | 10th January to 12th January |  |
| 8 | Reviews | 1 | 13th January |  |
| 9 | Verifying Test Environment Setup | 1 | 15th January |  |
| 10 | Create Test Batches | 02 | 16th January to 17th January |  |
| 11 | Sanity Testing | 1 | 18th January |  |
| 12 | Comprehensive testing | 25 | 19th January to 20th January |  |
| 13 | Sanity Testing | 1 | 22nd January |  |
| 14 | Selecting Test Cases | 2 | 23rd January |  |
| 15 | Regressing Testing | 05 | 24th January |  |
| 16 | Sanity Testing | 1 | 25th January |  |
| 17 | Selecting Test Cases | 1 | 26th January |  |
| 18 | Regression Testing cycle -2 | 4 | 27th January |  |
| 19 | . |  |  |  |
| . | . |  |  |  |
| . | . |  |  |  |
| 28 | Final Regression | 8 | 27th January |  |
| 29 | Evaluating Exit Criteria | 1 or 2 | 29th January |  |
| 30 | Collecting all artifacts | 2 | 28th January |  |
| 31 | Test Summary Report | 1 | 28th January |  |

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 11
* Processor i7
* Ram 16GB
* 64-bit operating System

Software:

* Katalon Studio: v7.0.0+
* 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 | Kareemulla (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