**TEST PLAN IEEE FORMAT:**

1. **Test Plan ID:** Unique No. or Id or Name of the test plan
2. **Introduction:** About the Project and testing
3. **Test Items:** Names of Modules/ Functions/ Services/ Features
4. **Features to Be Tested:** Responsible Modules for the Test Design
5. **Features Not to Be Tested:** Which ones to test and which ones not to test (e.g. Features of previous version of the Software)
6. **Approach:** List of testing techniques to be applied on the modules (prepared by QA/PM)
7. **Features Pass/Fail Criteria:** When above features are pass and when they fail
8. **Suspension Criteria:** Possible abnormal situations arose during testing of above features. Without recovering from these situations, you are not able to conduct testing. (Technical problems with respect to project)
9. **Test Environment:** Required hardware and software including testing tools to conduct testing
10. **Test Deliverables:** Required test documents to be prepared during testing (Test Cases, Test Procedures, Test Log, Test Report)
11. **Test Tasks:** necessary tasks to do before starting of every project testing
12. **Staff and Training Needs:** The names of test engineers and required training sessions
13. **Responsibilities:** Work allocation in terms of test engineers Vs Modules
14. **Schedule:** Dates and Times
15. **Risks and Mitigations:** Analyze risks and possible solution to overcome them
16. **Approvals:** Signatures of Test Plan Author and PM/QA

A Test Plan Document for Amazon:

1. **Test Plan Id: IBS\_ST\_TP\_001**
2. **Introduction:**

* Amazon is an American multinational technology company focusing on e-commerce, cloud computing, online advertising, digital streaming, and artificial intelligence web site for searching a product and order as per end user wish list.
* It has been often referred to as "one of the most influential economic and cultural forces in the world, and is often regarded as one of the world's most valuable brands. It is considered one of the Big Five American technology companies, alongside Alphabet (parent\_company\_of Google), Apple, Meta(formerly Facebook, Inc.) and Microsoft.

1. **Test Items:**

* User Interface
* Login
* Sign up

1. **References:**

* Requirments
* Project Plan
* Test Strategy
* Use cases (if available)
* High level Design Documents
* Low Level Design Documents
* Process Guide line document
* Prototypes

1. **Features to be tested:**
   1. User Interface:
      * 1. Add to cart
        2. Edit User Profile
        3. Add To Shopping List
        4. Address Update
        5. Amazon Logo
        6. Browsing History
        7. Password Update
        8. Remove from cart
        9. Remove from Shopping List
   2. Login
      * 1. Sign In
        2. Sign out
   3. Signup
      * 1. User Registration
2. **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

**9) Suspension criteria:**

**10) Roles and Resposibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Rushikesh Ingale | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Rushikesh Ingale | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Rushikesh Ingale | Tester | Test case documentation, testexecution, defect reporting and tracking for admin module |  |
| 4 | Rushikesh Ingale | Tester | Test case documentation, testexecution, defect reporting and tracking for Personal banking module |  |
| 5 | Rushikesh Ingale | Tester | Test case documentation, testexecution, defect reporting and tracking for Corporate banking module |  |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 5 | 2ndjuly to 6thjuly |  |
| 2 | Review meeting | 1 | 9thjuly |  |
| 3 | Generating Test scenarios | 10 | 11thjuly to 22ndjuly |  |
| 4 | Reviews | 02 | 25thjuly to 26thjuly |  |
| 5 | Test case Documentation | 40 | 29thjuly to 12th august |  |
| 6 | Reviews | 04 | 14th august to 18th august |  |
| 7 | Test data collection | 6 | 20th august to 26th august |  |
| 8 | Reviews | 1 | 28th august |  |
| 9 | Verifying Test Environment Setup | 1 | 29th august |  |
| 10 | Create Test Batches | 02 | 30th 31st Aug |  |
| 11 | Sanity Testing | 1 | 3rdseptember |  |
| 12 | Comprehensive testing | 25 | 4thsep to 2nd October |  |
| 13 | Sanity Testing | 1 | 3rd October |  |
| 14 | Selecting Test Cases | 2 | 4th and 5th October |  |
| 15 | Regressing Testing | 05 | 8th October to 12th October |  |
| 16 | Sanity Testing | 1 | 15th October |  |
| 17 | Selecting Test Cases | 1 | 16th October |  |
| 18 | Regression Testing cycle -2 | 4 | 17th October to 22nd October |  |
| 19 | Final Regression | 8 | 9th November to 28thnovember |  |
| 20 | Evaluating Exit Criteria | 1 or 2 | 10th ,11th Dec |  |
| 21 | Collecting all artifacts | 2 | 13rd 14th Dec |  |
| 22 | Test Summary Report | 1 | 31th 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 Miligations**

* Team member’s issues
* Vendors issues
* Time
* Budget

**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
* VSS
* MS Office
* HP UFT Tool etc
* Browser IE 7.0

*Client side:*

* Windows xp+sp2
* VSS
* Ms-Office
* HP UFT

*AUT Environment:*

* .NET(c#,VC++,ADO)
* IIS- web server
* COM+ - APP server
* 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 | Rushikesh Ingale (Test Lead) | Rushikesh Ingale |
| 2 | Review | Rushikesh Ingale (Quality analyst) | Rushikesh Ingale |
| 3 | Approval | Rushikesh Ingale (Project Manager) | Rushikesh Ingale |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification