**TEST PLAN**

**1) Test Plan ID:**

* Some type of unique company generated number to identify this test plan.

**2) Introduction:**

* Describe the purpose of the Plan, possibly identifying the level of the plan (System Test Plan etc.). This is essentially the executive summary part of the plan.

**3) Test Items:**

* These are things you intend to test within the scope of this test plan.

**4) References:**

* List all documents that support this test plan. Refer to the actual version/release number of the document as stored in the configuration management system.

**5) Features to be tested:**

* This is a listing of what is to be tested from the Users viewpoint of what the system does. This is not a technical description of the software, but a Users view of the functions.

**6) Features not to be tested:**

* This is a listing of what is NOT to be tested from both the Users viewpoint of what the system does and a configuration management/version control view. This is not a technical description of the software, but a User’s view of the functions.

**7) Test Approach:**

* This is your overall test strategy for this test plan; it should be appropriate to the level of the plan (master, acceptance, etc.) and should be in agreement with all higher and lower levels of plans. Overall rules and processes should be identified.

**8) Entry Criteria:**

* It describes when to start Testing

**9) Exit Criteria:**

* It describes when to stop testing

**10) Suspension Criteria:**

* It describes when to stop testing temporarily.

**11) Roles & Responsibilities**

* Team Lead or Test Lead and Team members Roles and Responsibilities.

**12) Schedule:**

* Schedule for all Test activities in this Software Test Process.

**13) Training:**

* Training on the application/system (Domain Training)Training for any test tools to be used.

**14) Test Environment / Lab:**

* It describes Require Hardware and software for setting-up Test Environment or Test Lab.

**15) Test Deliverables:**

* Lists out that what is to be delivered as part of this plan?

**16) Approvals**

* Who can approve the process as complete and allow the project to proceed to the next level.

**17) Glossary:**

* Define terms and acronyms used in the document, it can be used to understood the terms used in this plan.

***A Sample Test Plan Document for Internet Banking Application***

**1) Test Plan ID**: IBS\_ST\_TP\_001

**2) Introduction:**

It is System Test Plan for Interment Banking System, internet web application, Provides access to Account holders and guest users from any ware in the world. It has two interfaces one is Admin interface another is User interface. Admin can be accesses by Bank authorized users, user interface can be accessed by Bank account holders and guest users. The propose of the system (Application) is to provide bank information and services online (through Internet), Bank account holders can get Banking services from any ware, without visiting the Bank branches.

**3) Test Items:**

Admin Interface:

* Master Data
* User Management
* Reports.

User Interface:

* Information
* Personal Banking
* Corporate Banking
* Business

**4) References:**

* Requirements
* Project Plan
* Test Strategy
* Use cases (If available)
* High Level Design doc
* Low Level design docs
* Process guide line doc
* Prototypes

**5) Features to be tested:**

a) Admin Interface:

i) Master Data

* Add new branch, Edit Branch /Delete Branch
* Add new ATM
* Add new loan type
* Add new account type
* Add new deposit type

ii) User Management

* Create new user
* Edit user
* Delete user

iii) Reports

* Branch wise report
* User wise report
* Day, month, yearly reports
* Service wise report (only loans, only new account. fixed deposits)

b) User Interface:

i) Information

* Branch locators
* ATM locators
* Loans information
* Bank history
* Bank financial details
* Fixed deposits information
* Calculators

ii) Personal Banking

* Login
* Balance enquiry
* Bill payment (utilities, subscriptions)
* Fund transfer (transfer to same bank, others banks)
* Statement generation (mini stmt, detailed report)

iii) Corporate Banking

* Add user, Edit user, Delete user
* Balance enquiry
* Money transfer
* Payroll
* Reports

**6) Features not to be tested:**

NA

**7) Entry Criteria:**

* Team formation
* Responsibilities
* Schedule,
* Requirements
* Test Case Template etc...
* Training on Domain, on Automation tools
* Readiness of Test Lab
* Readiness of AUT (Application under test)
* Requirements
* Test Case docs
* Test Data

**8) Exit Criteria:**

* All possible test cases executed
* Maximum defects fixed, Final Regression performed successfully
* Confidence on Test process
* Time Limitations
* Budget Limitations

**9) Suspension Criteria:**

* Show-Stopper bug found
* Supplier issues
* Vast changes in requirements
* If resolving defects are more

**10) Roles & Responsibilities:**

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Name | Role | Responsibilities |
| 1 | Kareem SK | Test Lead | Test Planning, guidance, Monitoring and Test control |
| 2 | Venkat Raol | Sr Tester | Test Data Collection, Generating Test Scenarios. |
| 3 | Srinivas | Tester | Test Case Documentation, Test execution, defect reporting and tracking for Personal Banking module. |
| 4 | Sunitha | Tester | Test Case Documentation, Test execution, defect reporting and tracking for Corporate Banking module |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Task | Days | Duration | Remarks |
| 1 | Understanding & Analyzing Requirements | 5 | 2nd July to 6th July |  |
| 2 | Review Meeting | 01 | 19th July |  |
| 3 | Generating Test Scenarios | 10 | 11th July to 22nd July |  |
| 4 | Reviews | 02 | 25th July to 26th July |  |
| 5 | Test Case Documentation | 15 | 29th July to 12th August |  |
| 6 | Reviews | 04 | 14th August to 18th August |  |
| 7 | Test Data collection | 07 | 20th August to 26th August |  |
| 8 | Verifying Test Environment setup | 01 | 29th August |  |
| 9 | Create Test batches | 02 | 30th, 31st August |  |
| 10 | Sanity Testing | 01 | 3rd September |  |
| 11 | Comprehensive Testing | 25 | 4th September to 2nd October |  |
| 12 | Regression Testing | 06 | 5th October to 10th October |  |

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

**12) Training**

* Training Program on Banking Domain
* Test Automation Training using QTP Tool

**13) Risks & Mitigations**

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

**14) Test Environment / Lab**

* Application Type: Web Application, Internet and Public
* Server side: Windows 2003 Server, UNIX server, MS Exchange server
* Bugzilla Tool
* VSS
* MS Office
* QTP Tool etc....
* Browser IE 7.0
* Client side: Windows XP + SP2, VSS ,MS Office, QTP
* 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 Reports
* Test Summary Report

**16) Approvals**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Task** | **Author** | **Role** | **Date & Signature** |
| 1 | Test Plan Documentation | Kareemulla SK | Test Lead |  |
| 2 | Review | Hari Prasad | QA Analyst |  |
| 3 | Approval | Vinod Rao | Project Manager |  |

**17) Glossary**

* AUT -Application Under Test
* PIN -Project Initiation Note
* SRS- Software Requirements Specification