<Company Name>

<Project Name/Module Name>
Software Test Plan
V1.0

	Name	Role	Date
Prepared By		Test Lead	
Reviewed By		Test Manager	
Approved By		Project Manager	

A-Added, M-Modified, D-Deleted

Sno	Date	Version No	Page No	Change Mode (A/M/D)	Brief Description of Change

Contents

1. Introduction

The Software Test Plan (STP) is designed to prescribe the scope, approach, resources, and schedule of all testing activities. The plan must identify the items to be tested, the features not to be tested, the types to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

Objectives

The objective of the Test Plan is:

a) To identify the components or modules to be tested.
b) To identify and determine the resources required performing the testing process.
c) To identify and estimate the task schedules for each level of testing process.
d) To define the test deliverables.

Scope

Testing will be performed in several points in the life cycle as the product is constructed. Testing is a very “dependent” activity. As a result, test planning is a continuing activity performed throughout the system development life cycle. Test plans must be developed for each level of testing.

The scope of this Test Plan document is the testing process for entire <name of the project> Software.

Referential Material

a) FRS Documents, Descriptions, Proto Type, Page Elements and Test Data Documents, Data Flow Diagrams.

2. Test Items

Program Modules

This section outlines testing to be performed by the developer for each module being built.(UNIT TESTING INTEGRATION TESTING)

User Procedures

This section describes the testing to be performed on all user documentation to ensure that it is correct, complete, and comprehensive.

3. Features to Be Tested

The features to be tested within <project Name>Software are classified under the following modules as:

<module1>
<module2>
<module3>

4. Features Not To Be Tested

<Module 4>
<Module 5>

5. Approach

Smoke Testing

Initial testing done to check and ensure the availability of the major functionalities in the AUT which is done by Test lead or Test Manager.

Sanity Testing

Initial testing done to check and ensure the stability of the application to perform thorough testing.

Note: Smoke and Sanity Testing are considered as Build Acceptance Testing.

GUI Testing

Testing done on the AUT to check and ensure the Look-N-Feel of the user interfaces.

Functional Testing

Actual Verification and Validation testing done on the AUT.

Re-Testing

The testing done on the application after the bug is resolved to ensure that the bug is really fixed not.

Regression Testing

The testing done on the dependent functionalities in the AUT that were working fine to ensure it doesn't have an adverse effect of any refinement of failed functionalities or addition of new functionalities.

6. Pass/Fail Criteria

Suspension Criteria

a) When the AUT is failed in the Build Acceptance Testing.
b) Whenever there is a Change Request.
c) Delay in publishing the input documents.
d) Based on the input validations.

Approval Criteria

When the status of the bugs in the Defect profile is "Closed" and result column in the TCD (test Case Document) is "Pass". This ensures the proposed functionalities are justified in the System.

7. Testing Process

Test Deliverables

a) Test Case Documents.
b) Test Execution Reports.
c) Prepare defect report using Concern Tool.

Testing Tasks

a) Review of Functional specification document and preparation of Review Report.
b) Preparation of Test Case documents.
c) Execution of the TCD's.
d) Result Analysis based on Actual Behavior and Expected Behavior.
e) Defect Tracking.
f) Bug Reporting.
g) Ensuring bug-fixing process.

Responsibilities

a) abcd – Project Manager
b) abcd1 – Project Coordinator
c) abcd2 – Business Analyst
d) abcd3 – Sr qa
e) abcd4 - Test Lead
f) abcd5 - Tester

Resources

a) Members of QA1 Team-A
b) Members of QA1 Team-B

Schedule

Sno	Task	Schedule (in Days)	From Date	To Date
1	a) Project Description b) Plan and FRS Review	3 days		
2.	a) Review Meeting b) Work on Built	1 day		
3.	a) TCD Preparation	2 Days		
4.	a) TCD review (Peer Review) b) TCD Modification	1 days		
5.	a) Test Case Execution b) DR Preparation	4.days		
6.	a) Re- Testing b) Regression Testing	N/A	N/A	N/A

8. Environmental Requirements

Software

Description	*Software Requirements*
Operating System	
Technology	
RDBMS	

9. Risks and Contingencies

Schedule

The schedule for each phase is very aggressive and could affect testing. A slip in the schedule in one of the other phases could result in a subsequent slip in the test phase. Close project management is crucial to meeting the forecasted completion date.

Personnel

Due to the aggressive schedule, it is very important to have experienced testers on this project. Unexpected turnovers can impact the schedule. If attrition does happen, all efforts must be made to replace the experienced individual.

Requirements

The test plan and test schedule are based on the current Requirements Document. Any changes to the requirements could affect the test schedule and will need to be approved by the CCB (change control board).

9. Change Management Procedures

Impact Analysis and Risk Analysis are done to evaluate the effort of re-engineering and impact on existing functionalities if the CR is incorporated.

10. Plan Approvals

<Project Manager Name>.