<Project Name>

Software Testing Plan (TP)

Version <1.0>

[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document. A paragraph entered following this style will automatically be set to normal (style=Body Text).]

[To customize automatic fields (which display a gray background when selected), select File>Properties and replace the Title, Subject and Company fields with the appropriate information for this document. After closing the dialog, automatic fields may be updated throughout the document by selecting Edit>Select All (or Ctrl-A) and pressing F9, or simply click on the field and press F9. This must be done separately for Headers and Footers. Alt-F9 will toggle between displaying the field names and the field contents. See Word help for more information on working with fields.]

[Note: Documents described in this section are based on the IEEE 829 standard on testing documentation. Note that we omitted certain sections and documents (e.g., the Test Item Transmittal Report) for the sake of simplicity. Refer to the standard for a complete description of these documents [IEEE Std. 829-2008].]

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <details> | <name> |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

2. Relationship to other documents 4

3. System overview 4

4. Features to be tested/not to be tested 4

5. Pass/Fail criteria 4

6. Approach 4

7. Suspension and resumption 4

8. Testing materials (hardware/software requirements) 4

9. Test cases 4

10. Testing schedule 4

Software Testing Plan (TP)

# Introduction

[This Section describes the objectives of the tests. The goal is to provide a framework that can be used by managers and testers to plan and execute the necessary tests in a timely and cost-effective manner.]

# Relationship to other documents

[This section explains the relationship of the test plan to the other documents produced during the development effort such as the SRS, and SDS. It explains how all the tests are related to the functional and non-functional requirements, as well as to the system design stated in the respective documents.]

# System overview

[This section is focusing on the structural aspects of testing, provides an overview of the system in terms of the components that are tested during the unit test. The granularity of components and their dependencies are defined in this section.]

# Features to be tested/not to be tested

[This section is focusing on the functional aspects of testing, identifies all features and combinations of features to be tested. It also describes all those features that are not to be tested and the reasons for not testing them.]

# Pass/Fail criteria

[This section specifies generic pass/fail criteria for the tests covered in this plan.]

# Approach

[This section describes the general approach to the testing process. It discusses the reasons for the selected integration testing strategy. Different strategies are often needed to test different parts of the system.]

# Suspension and resumption

[This section specifies the criteria for suspending the testing on the test items associated with the plan. It also specifies the test activities that must be repeated when testing is resumed.]

# Testing materials (hardware/software requirements)

[This section identifies the resources that are needed for testing. This should include the physical characteristics of the facilities, including the hardware, software, special test tools, and other resources needed (office space, etc.) to support the tests.]

# Test cases

[This section is the core of the test plan, lists the test cases that are used during testing. Each test case is described in detail in a separate Test Case Specification document. Each execution of these tests will be documented in a Test Incident Report document.]

# Testing schedule

[This section covers responsibilities, staffing and training needs, risks and contingencies, and the test schedule.]