

Test Plan

I. Introduction

A summary of the product being tested. Outline the main functions.

a. Objective

What it is that you hope to accomplish with all of your testing efforts (both manual and automated)?

b. Scope

This part defines the scope of the testing, including the features and capabilities being tested, as well as any existing interfaces and the degree to which all features and capabilities are integrated.

i. Within Scope

The features, functional, and non-functional needs of the application under test are all defined by the scope of the testing.

ii. Out of Scope

The features, functional, and non-functional requirements of the software that are out of scope for testing are called "Out of Scope."

c. Roles and Responsibilities

A full breakdown of everyone's duties within the team is included here.

II. Testing Methodology

Explain how testing is handled in general. Identify the strategy that will guarantee that each major category of features or feature combinations is tested thoroughly. Describe in detail the primary procedures, methods, and resources employed in testing.

a. Overview

Indicate the desired level of accuracy. Determine the techniques that will be used to evaluate the thoroughness of the testing effort. The methods for tracing criteria should be clarified.

b. Bug Classification

Identification and classification of errors and software application bugs.

c. Control Procedures

Write down what should be done in the event of an issue occurring while testing.

III. Test Schedules

The test schedules should include all item correspondence events, as well as test milestones. Identify any necessary test milestones. Time estimates should be made for each testing procedure.

IV. Risk Assumptions

Determine which test plan assumptions pose the greatest risk. Include detailed, individualized contingency plans.

V. Testing Deliverables

Include each and every test artifact that will be provided at various points in the testing process.

VI. Resource and Environment Needs

a. Testing Tools

In this clause, please detail the testing tools that will be utilized. Include the name of the bug tracking software here.

b. Test Environment

Be as detailed as possible in outlining the expected and preferred characteristics of the test setup. The gear, system software, usage, and any other software required to enable the test should all be described in detail in the specification.