Software Test Plan (STP)

Development Team

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# Software Test Plan (STP)

## 1. Scope

### 1.1 Identification

**STP-001: Test Plan Identification** - The test plan **shall** be identified by the following information: - **Test Plan Name**: [Test Plan Name] - **Test Plan Identifier**: [TP-001] - **Version**: 1.0 - **Classification**: [Unclassified/Classified Level]

### 1.2 Plan Overview

**STP-002: Plan Purpose** - The plan **shall** define the approach for software testing - The plan **shall** describe test organization and schedule - The plan **shall** specify quality assurance and risk management

## 2. Referenced Documents

**STP-003: Referenced Standards** - MIL-STD-498: Software Development and Documentation - [Other applicable standards]

## 3. Test Management

### 3.1 Organization

**STP-004: Test Organization** - The plan **shall** define roles and responsibilities - The plan **shall** identify key stakeholders - The plan **shall** establish reporting structure

### 3.2 Schedule

**STP-005: Test Schedule** - The plan **shall** define major milestones - The plan **shall** provide a Gantt chart or timeline - The plan **shall** update the schedule as needed

### 3.3 Resources

**STP-006: Resource Allocation** - The plan **shall** allocate personnel, tools, and facilities - The plan **shall** manage budget and procurement - The plan **shall** monitor resource usage

## 4. Test Approach

### 4.1 Test Process

**STP-007: Test Process Model** - The plan **shall** follow [agile/waterfall/iterative] process - The plan **shall** define test phases - The plan **shall** document process tailoring

### 4.2 Methods, Tools, and Techniques

**STP-008: Methods and Tools** - The plan **shall** use [specified methods and tools] - The plan **shall** document tool usage and configuration - The plan **shall** provide training for tools

### 4.3 Standards

**STP-009: Standards Compliance** - The plan **shall** comply with testing standards - The plan **shall** review standards compliance regularly - The plan **shall** update standards as needed

## 5. Quality Assurance

**STP-010: Quality Assurance Plan** - The plan **shall** define quality objectives and metrics - The plan **shall** conduct reviews and audits - The plan **shall** implement corrective actions

## 6. Risk Management

**STP-011: Risk Management Plan** - The plan **shall** identify and assess risks - The plan **shall** develop mitigation strategies - The plan **shall** monitor and report risks

## 7. Notes

* **STP**: Software Test Plan
* **QA**: Quality Assurance
* **Gantt Chart**: Project schedule visualization