Software Test Plan (STP)

Development Team

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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