

Software Test Plan (STP) Template

1. Scope of the Tests

Defines what will be tested, including:

- The software package (name, version, and revision).
- Relevant documents supporting the test plan.

2. Testing Environment

Specifies the setup needed for testing:

- Testing locations/sites.
- Hardware and firmware requirements.
- Involved organizations and manpower needs.
- Training and preparation for the test team.

3. Test Details (for each test)

Includes specific details of each test case:

- **Test identification & objective** – Defines the purpose of the test.
- **Reference documents** – Links to design and requirement documents.
- **Test class & level** – Identifies whether it's unit, integration, or system testing.
- **Test case requirements** – Lists conditions for executing test cases.
- **Special requirements** – Factors like **response time, security, or performance metrics**.
- **Data recording** – Information to be logged during tests.

4. Test Schedule

Provides estimated time for various testing phases:

- **Preparation** – Setting up resources and test environments.
- **Testing** – Executing test cases.
- **Error correction** – Debugging and fixing detected issues.
- **Regression testing** – Retesting to ensure fixes do not introduce new defects.

This structured approach ensures a **systematic and well-documented** testing process for software projects.