Website / Application Testing Plan Template

# 1. Overview

This document provides a structured plan for testing websites and applications. It covers the scope, objectives, test types, responsibilities, and reporting procedures to ensure software quality, security, and performance.

# 2. Scope

Define the features, modules, or systems under test. Include browsers, devices, operating systems, and integrations to be validated.

# 3. Objectives

- Verify that application functionality meets requirements.  
- Validate security and compliance (e.g., CIS benchmarks, OWASP Top 10).  
- Confirm cross-browser and device compatibility.  
- Assess performance under normal and peak load.  
- Ensure accessibility compliance (WCAG standards).

# 4. Test Types

- Functional Testing  
- Compatibility Testing (browsers, OS, devices)  
- Performance Testing (load, stress, scalability)  
- Security Testing (penetration, vulnerability scanning)  
- Accessibility Testing  
- Regression Testing

# 5. Test Environment

Document the required environments, tools, and configurations, including:  
- Test servers and databases  
- Browser versions and devices  
- Automation tools (Selenium, Cypress, JMeter, OWASP ZAP)  
- Monitoring and logging tools (Splunk, SolarWinds, Datadog)

# 6. Test Cases & Procedures

Each test case should include:  
- Test ID  
- Description  
- Preconditions  
- Steps  
- Expected Results  
- Actual Results  
- Status (Pass/Fail)  
- Notes / Defects Logged

# 7. Roles & Responsibilities

- Test Lead: Oversees test execution, coordinates with stakeholders.  
- QA Engineer: Designs and executes test cases, logs defects.  
- Developer: Supports defect resolution, validates fixes.  
- Security Analyst: Conducts security and compliance testing.

# 8. Reporting & Metrics

Reports should include:  
- Number of test cases executed  
- Pass/fail rates  
- Defect counts and severity levels  
- Performance benchmarks  
- Security vulnerabilities detected/resolved  
- Accessibility compliance results

# 9. Approval & Sign-Off

Document sign-off by QA Lead, Development Manager, and Project Manager is required before release to production.