

Test Plan

1. **Objectives** – **Defines the purpose of testing and what it aims to achieve.**
 - *Example:* Ensuring that the **login functionality works correctly** for all user roles.
2. **Scope** – **Specifies what will be tested and what will not be covered.**
 - *Example:* Testing **only the web version** of an application, excluding mobile apps.
3. **Test Items** – **Identifies the components, modules, or features to be tested.**
 - *Example:* Testing the **checkout process in an e-commerce application.**
4. **Test Environment** – **Defines the hardware, software, and network configurations required for testing.**
 - *Example:* A test server running **Windows 11 with a MySQL database.**
5. **Testing Strategy** – **Describes the approach, techniques, and levels of testing to be used.**
 - *Example:* Using automated regression testing and manual exploratory testing.
6. **Test Schedule** – **Specifies timelines, milestones, and deadlines for test execution.**
 - *Example:* Unit testing from March 1–5, system testing from March 6–10.
7. **Resource Requirements** – Lists the **personnel, tools, and infrastructure needed for testing.**
 - *Example:* Requiring 3 testers, Selenium automation tool, and a dedicated test server.
8. **Risk Management** – **Identifies potential risks that could impact testing and mitigation strategies.**
 - *Example:* Risk: Delayed development could shorten testing time. Mitigation: Prioritize critical test cases.
9. **Test Deliverables** – **Defines the documents, reports, and output produced during testing.**
 - *Example:* Test plan document, defect report, test summary report.