Test Plan

**1. Introduction**

* Purpose: Describe the purpose of this test plan.
* Scope: Define the scope of testing, including what will and will not be tested.
* References: List any related documents, such as requirements and design specifications.
* Definitions and Acronyms: Provide a glossary of terms and acronyms used in the document.

**2. Test Items**

* Identify the software, modules, and features that will be tested.
* Specify the test environment, including hardware, software, and tools.

**3. Features to be Tested**

* List all functionalities that will be tested, based on requirements and specifications.

**4. Features Not to be Tested**

* Identify functionalities that will be excluded from testing and provide reasons.

**5. Test Approach**

* Describe the overall strategy for testing, including functional, non-functional, and automation testing.
* Define testing techniques, such as black-box, white-box, and exploratory testing.
* Specify tools and frameworks to be used for test execution.

**6. Entry and Exit Criteria**

* Define conditions that must be met before testing begins (Entry Criteria).
* Specify conditions required to conclude testing (Exit Criteria).

**7. Test Deliverables**

* List all test-related documents and artifacts, such as test cases, test scripts, and test reports.

**8. Test Environment**

* Describe the necessary hardware, software, network configurations, and test data.

**9. Test Schedule**

* Provide a timeline for test planning, execution, defect tracking, and reporting.

**10. Roles and Responsibilities**

* Define roles and responsibilities of team members involved in testing.

**11. Risk Management**

* Identify potential risks and mitigation strategies.

**12. Defect Management**

* Define the process for logging, tracking, and resolving defects.

**13. Approval**

* List the stakeholders responsible for reviewing and approving the test plan.