

Memorizing Help

Here's a breakdown of what you're supposed to write under each heading:

1. INTRODUCTION

1.1 System Overview

- **Briefly detail the software system and items to be tested:** Describe the purpose of the software, its features, and functionality. Mention the version(s) of the software that will be tested.
- **Items to be tested:** List the specific components, modules, or functionalities that will be tested.

1.2 Test Approach

- **Overall approach to testing:** Provide a high-level description of the testing strategy.
- **Approach for feature groups:** Specify the testing method for different features or combinations of features.
- **Major testing activities and tools:** Mention the key activities, techniques, and tools that will be used for testing.
- **Time estimation and constraints:** Identify the major tasks and time estimation. Note any constraints like deadlines or limited resources.

2. TEST PLAN

2.1 Features to be Tested

- **Identify all features and combinations to be tested:** List all the software features and their combinations that need testing.
- **Test cases for each feature:** Identify the specific test case(s) for each feature or feature combination.
- **Version(s) to be tested:** Mention the version(s) of the software being tested.
- If multiple versions are being tested incrementally, break them down under section numbers like 2.1.n.

2.2 Features not to be Tested

- **Identify features not to be tested:** List any features or combinations of features that will not be tested.
- **Reasons for exclusion:** Provide explanations for why these features are excluded from testing.





2.3 Testing Tools and Environment

- **Test staffing needs:** Specify the number of testers and the time needed for testing.
- **Test environment requirements:** Identify the necessary test environment, such as space, hardware, software, and any special tools.
- **Source for unavailable resources:** Mention where and how to obtain any required resources that are not already available.

3. TEST CASES

A test case specification refines the approach and identifies the procedures and pass/fail criteria for testing each feature.

Case-n (use a unique ID of the form TC-nnnn for this heading) 


- **3.n.1 Purpose** 
 - Identify the version of the software and the test items.
 - Describe the features or feature combinations being tested.
 - Include references to the software requirement specification (SRS) for each feature.
- **3.n.2 Inputs** :
 - List each input needed to execute the test case.
 - Specify values, tolerances, files, or URLs required.
 - Describe any required relationships between inputs (e.g., order).
- **3.n.3 Expected Outputs & Pass/Fail Criteria** :
 - List all expected outputs, including values and tolerances.
 - Specify the criteria used to determine pass or fail for each output.
 - If using automated tools, detail how the results will be analyzed.
- **3.n.4 Test Procedure** :

- Detail the steps for executing the test case.
 - Mention any special setup, constraints, or operator interventions required.
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4. TEST LOGS

- **Log for test-n (use a unique ID of the form TL-nnnn):**
 - Record what occurred during test execution, including timestamps, error messages, and any important observations.
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5. TEST RESULTS

- **Execution results:** For each execution, record the date/time and the observed results.
 - Include the success or failure of the test.
 - Record the location of the output (e.g., window on the screen).
 - **Incident Report (add a unique ID of the form TIR-nnnn) :**
 - If the test failed or passed with unusual behavior, summarize the incident in this report.
 - Identify the test items involved and describe the anomaly.
 - Assess the impact of the incident on the project and potential next steps.
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This structure should guide you in writing a comprehensive test plan and case documentation that covers all aspects of your software testing.