**Software Testing and Verification**

**Software Test Plan**

**My Diary**

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| --- | --- | --- |
| Name | ID | E-mail |
| 鍾承翰 | 106598024 | cmf15bsw@gmail.com |
| 李柏霖 | 106598038 | morris12345678987654321@gmail.com |
| 楊子冊 | 106598054 | tzutse.yang@gmail.com |
| 吳彥銘 | 106598060 | 40143109wu@gmail.com |

目錄

[目錄 2](#_Toc512955023)

[**1.** **Test Plan Identifier** 4](#_Toc512955024)

[*Specify the unique identifier assigned to this test plan.* 4](#_Toc512955025)

[**2.** **Introduction and References** 4](#_Toc512955026)

[*Describe the intent and purpose of the test plan. Summarize the software items and features to be tested.**List of related documents such as: Requirement Specifications, Design Specifications.* 4](#_Toc512955027)

[**3.** **Test Items** 4](#_Toc512955028)

[*Identify the test items or programs. References to related documents such as requirements specification, design specification, users guide, operations guide, installation guide. Note the difference: a test item is a component of the system - a configuration item - while a feature is a functional aspect of the system.* 4](#_Toc512955029)

[**4.** **Features to Be Tested** 4](#_Toc512955030)

[*Identify and describe the features and functions that will be tested during the project. This should include functional and non-functional requirements.* *If appropriate, list which items are in scope for testing. This could include items such as the entire application, individual components, source files, etc.* 4](#_Toc512955031)

[**5.** **Features Not to Be Tested** 4](#_Toc512955032)

[*Identify and explain why certain features and combinations of features will not be tested. If appropriate, list any applicable items that will not be available to the testing team. This could include items such as source code to third party applications, requirements documents from other companies, etc.* 4](#_Toc512955033)

[**6.** **Test Approach** 4](#_Toc512955034)

[*Describe the overall testing approach the project will use. For each major group of features or combinations of features, specify the approach that will ensure these feature groups are adequate tested. Specify major activities, types of testing, techniques, test criteria, and tools which are to be used to test the groups of features.* 4](#_Toc512955035)

[**7.** **Item Pass/Fail Criteria** 4](#_Toc512955036)

[*Specify the criteria to be used to determine whether each test item has passed or failed testing.* 5](#_Toc512955037)

[**8.** **Test Deliverables** 5](#_Toc512955038)

[*Identify the deliverable documents: test plan, test design specifications, test case specifications, test procedure specifications, test item transmittal reports, test logs, test incident reports, test summary reports.* 5](#_Toc512955039)

[**9.** **Testing Tasks** 5](#_Toc512955040)

[*Identify the set of tasks necessary to prepare for and perform testing. Identify all intertask dependencies and any special skills required.* 5](#_Toc512955041)

[**10.** **Environment Needs** 5](#_Toc512955042)

[*Specify necessary and desired properties of the test environment: physical characteristics of the facilities including hardware, communications and system software,  or supplies needed.* 5](#_Toc512955043)

[**11.** **Role and Responsibilities** 5](#_Toc512955044)

[*Identify groups responsible for managing, designing, preparing, executing, witnessing, checking and resolving.* *Identify groups responsible for providing the test items identified in the Test Items section.*  *Identify groups responsible for providing the environmental needs identified in the Environmental Needs section. Describe their roles and responsibilities.* 5](#_Toc512955045)

[**12.** **Staffing and Training** 5](#_Toc512955046)

[*Specify staffing needs by skill level. Identify training options for providing necessary skills.* 5](#_Toc512955047)

[**13.** **Schedule and Milestones** 5](#_Toc512955048)

[*Describe the test milestones on the project.* *Estimate time required to do each testing task. Schedule all testing tasks and test milestones.* 5](#_Toc512955049)

[**14.** **Risks and contingencies** 5](#_Toc512955050)

[*Identify the high-risk assumptions of the test plan. Specify contingency plans for each (e.g., delayed delivery of test items might require increased night shift scheduling to meet the delivery date).* 5](#_Toc512955051)

[**15.** **Approvals** 6](#_Toc512955052)

[*Specify the names and titles of all persons who must approve this plan. Provide space for the signatures and dates.* 6](#_Toc512955053)

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