



Capstone Project 2

CMU-SE 451

Test Plan

Version 1.5

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SENIOR PROJECT MANAGEMENT SYSTEM FOR INTERNATIONAL SCHOOL

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PROJECT INFORMATION

Project acronym	Senior Project Management System for International School		
Project Title	SPMS		
Start Date	18 Feb 2022	End Date	15 May 2022
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REVISION HISTORY

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1. Introduction

This document is the Test Plan for SENIOR PROJECT MANAGEMENT SYSTEM FOR INTERNATIONAL SCHOOL, presented by Quality Assurance. It describes the testing strategy and approach to testing QA will use to validate this product's pre-release. It also contains the various resources needed to successfully complete this project.

1.1. Purpose

The purpose of this document is to provide an overview and guidance for the SENIOR PROJECT MANAGEMENT SYSTEM FOR INTERNATIONAL SCHOOL - Test Plan project. The objective is also to establish a level of general understanding to the client of the testing procedure addressed in this document.

1.2. Scope

- This Test Plan is for release test plan for SENIOR PROJECT MANAGEMENT SYSTEM FOR INTERNATIONAL SCHOOL.
- The Test Plan defines the unit, system Testing approach. The test scope includes the following:
 - Testing of all functions and use cases requirements listed in the Product Backlog document.
 - Quality requirements and fit the SPMS metrics.
 - End-to-end testing of the SPMS platform.

1.3. References

Table 1.3: *References.*

No.	Reference
1	Proposal Document
2	User Story Document
3	Product Backlog Document
4	Project Plan Document

2. Test plan

- Unit test
- Integration testing

3. Test specification

3.1. Features to be tested

- About Page
- Introduction
- Notification (Student, Mentor and Admin)
- Student Account Management
- Lecturer Account Management
- Lecturer Profile
- My Topic
- Sample Topic
- Sample Document
- List Group
- My Group
- Topic Management
- Document Management
- Topic Approval
- Group Management
- Group Form
- Assign Mentor
- Task Management
- Task Management by Stage
- Defense Management
- Defense Form
- Contribution Report
- Assign Defense
- Calendar
- Scoreboard
- Grade Form

3.2. Feature not to be Tested

- Sign out.

3.3. Test deliverables

- Test Plan Document
- Test Case Document
- Test Summary Report

4. Test schedule**Table 4:** *Test schedule.*

No.	Task Name	Start	Finish	Duration	Resource
1	About Page	15/03/2022	15/03/2022	1	Huy
2	Introduction	15/03/2022	15/03/2022	1	Huy
3	Notification (Student, Mentor and Admin)	16/03/2022	16/03/2022	2	Huy
4	Student Account Management	15/03/2022	15/03/2022	1	Dat
5	Lecturer Account Management	15/03/2022	15/03/2022	1	Dat
6	Lecturer Profile	16/03/2022	16/03/2022	1	Dat
7	My Topic	05/04/2022	05/04/2022	1	Huy
8	Sample Topic	05/04/2022	05/04/2022	1	Huy
9	Sample Document	06/04/2022	06/04/2022	1	Huy
10	List Group	06/04/2022	06/04/2022	1	Huy
11	My Group	06/04/2022	06/04/2022	1	Huy
12	Topic Management	05/04/2022	05/04/2022	1	Dat
13	Document Management	05/04/2022	05/04/2022	1	Dat
14	Topic Approval	06/04/2022	06/04/2022	1	Dat
15	Group Management	06/04/2022	06/04/2022	1	Dat
16	Group Form	06/04/2022	06/04/2022	1	Dat

17	Assign Mentor	06/04/2022	06/04/2022	1	Dat
18	Task Management	27/04/2022	27/04/2022	2	Huy
19	Task Management by Stage	27/04/2022	27/04/2022	3	Huy
20	Defense Management	27/04/2022	27/04/2022	2	Huy
21	Defense Form	27/04/2022	27/04/2022	2	Huy
22	Contribution Report	27/04/2022	27/04/2022	2	Dat
23	Assign Defense	27/04/2022	27/04/2022	2	Dat
24	Calendar	27/04/2022	27/04/2022	2	Dat
25	Scoreboard	11/05/2022	11/05/2022	2	Huy
26	Grade Form	11/05/2022	11/05/2022	2	Huy

5. Test cycle entry and exit criteria

5.1. Entry criteria

- All test hardware platforms must have been successfully installed, configured, and functioning properly.
- All the necessary documentation, design, and requirements information should be available that will allow testers to operate the system and judge the correct behavior.
- Proper test case is available.
- The test environment such as, lab, hardware, software, and system administration support should be ready.

5.2. Exit criteria

- All test cases have been run.
- A certain level of requirements coverage has been achieved.
- No high priority or severe bugs are left outstanding.
- All high-risk areas have been fully tested, with only minor residual risks left outstanding.
- The schedule has been achieved.