

**CAPSTONE PROJECT REPORT**

**Report 1 – Project Introduction**

– Hanoi, May 2024–

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# I. Record of Changes

| **Date** | **A\* M, D** | **In charge** | **Change Description** |
| --- | --- | --- | --- |
| 10/5/2024 | A |  | Create project report 1 |
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\*A - Added M - Modified D - Deleted

# II. Project Introduction

## 1. Overview

### 1.1 Project Information

* Project name: ***FU Project Capstone Management***
* Vietnamese name: ***Hệ thống quản lý đồ án FU***
* Project code: ***FU-PCM***
* Group name: ***SEP490-***
* Software type: ***Website***

### 1.2 Project Team

| **Full Name** | **Role** | **Email** | **Mobile** |
| --- | --- | --- | --- |
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## 2. Product Background

Upon recognizing the shortcomings of FPT University's project management system, including inefficient processes and manual steps leading to difficulties and time wastage, our team, in collaboration with faculty members, decided to develop the Project Capstone Management product. This product aims to overcome and optimize the steps from project registration to completion. It will serve both faculty and students throughout the project period. Given the large user base and data volume, the product requires high refinement and efficient functionality.

## 3. Existing Systems

### 3.1 Call4project

This system only assists students in tasks related to topic registration, team formation, and receiving support.

* Pros: It focuses solely on helping students register topics and form teams.
* Cons: It only supports students in team formation without providing functions for the period during which students work on the project and defend it.

## 4. Business Opportunity

Many students have requested a system that allows them to register project groups, then be able to manage documents and sources right on that system during the project period. Meanwhile, teachers can manage, evaluate, and monitor the amount of work that students do during their project time, helping them manage better. During and after protecting the project, the council performs evaluation right on the system, so that every step in the project making process is done on the same system, which also helps the secretary in the process of protecting the project. The project has a record, saving time synthesising scores.

## 5. Software Product Vision

The FU Project Capstone Management project aims to optimise student project management through a flexible and convenient software system. We are committed to providing a multi-functional, user-friendly platform that integrates the latest technologies, while strictly adhering to security and privacy standards. Our ultimate goal is to create a comprehensive and effective solution to enhance the quality and efficiency of learning and research processes at FPT.

## 6. Project Scope & Limitations

## 6.1 Major Features

FE-01: Import students eligible for project defense by course instructors or the training department.

FE-02: Register a team, create a team, add members, select topics, propose mentors.

FE-03: View the list of proposed project teams, view team information, accept to mentor a project team.

FE-04: Approve mentors and randomly assign mentors to teams without mentors.

FE-05: Assign eligible students who do not have project teams yet.

FE-06: Submit reports for mentors to evaluate.

FE-07: Grade and evaluate student reports.

FE-08: View the current workload of students.

FE-09: Notify progress status (on time or delayed) of project teams.

FE-10: Arrange examination boards.

FE-11: Review the documents of project teams before defense.

FE-12: Grade and evaluate team members and project teams after the defense session.

FE-13: Automatically categorize students into evaluation types (normal, abnormal, etc.) after evaluation by the examination board.

### 6.2 Limitations & Exclusions

LI-1: Some functions are only active for the SE industry

LI-2: Only eligible students are able to utilize the project management system for their projects.