

Course Management System Report

Introduction to Computer Science II

23APCS2 | Group 6



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[The technical framework of interactive functions for course-management systems: Students’ perceptions, uses, and evaluations - ScienceDirect](https://www.sciencedirect.com/science/article/abs/pii/S0360131510001181)

# Abstract

A summary of the project, including its purpose, key features, and the problem it aims to solve.

## Background:

Over the last few years, eLearning has shown significant growth in demands due to the rise of digital technologies. The ability to create, manage, and update learning content such as courses has become crucial for schools and universities to provide easy access for staff and students.

## Key features:

CMS provides …

## Problem it aims to solve:

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# Introduction

Introduce the project, discussing the background, motivation, and objectives. Explain why the project is important and what it seeks to achieve.

CMS is an application project designed to bring academic staff members, students, and course information together in one place, reduce managing costs, and allow easy access and efficient/effective administration of information in a user-friendly environment. We strive to prevent human errors and provide comfortable working space for higher accuracy.

# Group Information

Include the group ID and a list of group members along with their names and roles in the project. It's also important to mention the tasks assigned to each member and their individual contribution percentages.

* Group ID: 6
* Member:
  + Nguyen Thu Uyen – 23125048

Role:

* + Tran Trong Nguyen – 23125087

Role:

* + Doan Duc Tuan – 23125021

Role

# Data Storage

Discuss how data is stored in the project. Explain the rationale behind the chosen data storage approach.

# Project Architecture

Describe the overall architecture of the project, including the meaning and structure of project folders. Explain the main data structures employed in the project and their alternatives, highlighting why certain choices were made.

# Implementation Detail

Provide a list of the structures/classes used in the project and their relevant functions. Choose several main flows or use cases and explain how these structures and methods collaborate with each other to achieve the desired functionality.

# Technical Problems and Solutions:

Discuss big technical challenges or issues encountered during the project development and explain how the group resolved them. This section demonstrates problem-solving skills and highlights the group's ability to overcome obstacles.

# Feature Description:

Showcase all the features of the project, either through a video clip or screenshots. Provide a step-by-step explanation of each feature and its functionality.

# Conclusion

Summarize the project's achievements, highlight its strengths, and discuss any future enhancements or potential areas of improvement.

# References

Endnote and Footnote