Polytechnic University of the Philippines

**COLLEGE OF COMPUTER AND INFORMATION SCIENCES**

A. Mabini Campus, Sta. Mesa, Manila

***CCIS CLASS SCHEDULING SYSTEM***

In partial fulfillment of the requirements for the

**COMP 3033 – SOFTWARE ENGINEERING**

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**Executive Summary**

*Every year as the school starts University are so busy with activities such as enrollment, assigning class schedules, professor’s load, and classroom utilization. These activities require time and labor force. And in order to avoid poorly scheduled timetable which leads to conflicts among students and professor’s we will proposed a solution that can ease this problem.*

*We aim to provide a Class Scheduling System for the faculty members of College of Computer and Information Sciences, of Polytechnic University of the Philippines. The system scope for classroom utilization is only from Fourth Floor East Wing and Fifth Floor South Wing Laboratory.*

*In proposing this project we want to address this problem and to find a better way to process these activities without experiencing conflicts.*

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# **PART I – PROJECT SPECIFICATIONS REPORT**

## **1.1. INTRODUCTION**

*This project will focus on how to build a class scheduling system for Professor’s and Instructor of Polytechnic University of the Philippines, College of Computer and Information Sciences. Both the department and students are facing challenges in class scheduling before classes start. Overlapping schedules and misleading room assignment to faculty members are the common problems they experiencing yearly. So we aim to propose a solution that can solve this problem.*

## **1.2. STATEMENT OF THE PROBLEM**

*The primary operations of the University are non-stop starting from enrollment to graduation. The fact that arranging class schedules, professor’s load and room utilization for students and faculty members of College of Computer and Information Sciences is one of the many activities that the faculty must prepare before class start. Due to poorly planned schedule timetable there is greater impact on the quality of instruction, satisfaction of faculty members. And can also affect student’s ability to take courses due to conflict of schedules.*

## **1.3. PROJECT OBJECTIVES**

### **1.3.1. General Objectives**

*The general objective of this project is to develop an effective and efficiency class scheduling system , to help* *minimize the Professors and Instructor’s of College of Computer and Information Sciences problem during the starts of classes and to maximize availability of classes to the students of Polytechnic University of the Philippines.*

### **1.3.2. Specific Objectives**

The specific aim of this project is to provides an organized, better, and robust process of class scheduling

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## **1.4. SCOPE AND LIMITATION**

* The class scheduling system is for the faculty members of the College of Computer and Information Sciences only.
* And classrooms from fourth floor East and fifth floor South are only the coverage of this project.

## **1.5. PROJECT ASSUMPTIONS**

***Assumptions are future situations, beyond the control of the project, whose outcomes influence the success of a project.*** *An* ***assumption*** *is a belief of what you assume to be true in the future. You make assumptions based on your knowledge, experience or the information available on hand. These are anticipated events or circumstances that are expected to happen during your project’s life cycle. The following are* ***examples*** *of assumptions:*

* *Availability of a hardware/software platform*
* *Pending legislation*
* *Court decisions that have not been rendered*
* *Developments in technology*
* *You will get all resources required by you.*
* *During the rainy season, cheap labor will be available.*
* *All important stakeholders will come to the next meeting.*