

Report

This project is about the Course Management System. This project uses JAVA which is an Object-Oriented Programming and has its connectivity with MYSQL. This Course Management System is easy to use and is designed to collect, store, and delete data of students & teachers of same colleges or universities. In this project, there are a total of 23 classes. The main class includes three users of the system. And they are:

- Student
- Teacher &
- Administrator

Student

This user system is for the registered students. There are a total of 4 classes which has its specific functionalities. The classes are shown in the UML Class diagram below. The 'LoginStudent' Class is used by the student to login into the system. Then the student can enroll to any one of the courses mentioned in the 'EnrollCourse' Class. After enrolling into course, then student can enroll to modules which uses 'EnrollModule' Class. Then finally, 'StudentModule' Class helps to enroll into the specific module where the students can view their instructors.

Teacher

This user system is for registered teachers. There are a total of 4 classes which has its specific functionalities. The four classes are shown in the UML Class diagram below. The main functionalities of this panel are; the teacher can login to the system, the teacher can view assigned modules and then add marks to the students. This system uses 'LoginStudent', 'ModuleAssigned', 'ModuleInfo' and 'StudentsMarks' simultaneously.

Admin

In this system, there are 7 classes. This system is for admin who is responsible to add and remove courses, modules teachers and also can view the result of the students. Each of the features is separated by different classes. The relation between each class is shown in the below UML Class diagram.

