



C0226 Project Proposal

Database Management System for Student Attendance

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Overview

Most of times students are in doubt about their attendance whenever they missed/will miss lectures and labs. According to the rules and regulations, if any case a student has not enough attendance, he/she is not allowed to sit for the exams. Since this is a serious issue for a long time, in some cases students tend to go on strikes as we have experienced recently.

As a solution to this problem, building a database based on students attendance has been decided as our CO226 project.

In this project proposal the goals, specifications, and milestones are described as following.

Goals

Build a database such that

- To give an opportunity for students to either view or get notified their current attendance percentage weekly.
- Make it easier for instructors and the lecturers to handle the attendance data of all students of each particular course.
- Students can contact instructors and lecturers directly and more easily in some cases such that students can't attend lectures and lab sessions.
- Reduce the existing problems on attendance which are cause to serious actions such as strikes and etc.

Specifications

- Students can see their current attendance percentage for each course which is the following.
- Attendance of the students can be managed easily by Instructors and lecturers.
- Only the instructors and lecturers can manage the database but the student can view it only. (well-managed security)
- If any student has a low percentage of attendance (<80%) he or she will be notified earlier via emails.

Future Developments

- Improve the security of the database
- Improve this database for all the departments of the faculty.

Our Plan

[illegible]

EER DIAGRAM

