Course Registration Database System

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Project Overview:

In this project we are going to design database for a university course registration system. It enables students to search and register courses efficiently under each department’s regulations. It also provides the information of students’ previous registration history and generates a degree process report.

Background：

Course registration system is an essential part of university. Students want to register for the courses they like or the courses that are useful to them. During registration, the system will have large volume of data traffic that may result in low efficiency and waste of manpower, time and money.

The system will make the course registration management work standard, systematic and programmatic, avoid the disorder of course registration, improve the speed and accuracy of information processing, and be able to accurately, timely and effectively ,query and modify the status of student course registration.

The system contains course information, including course name, section, course description, material, professor, campus, classroom, teaching hours, etc. It can be accessed by all the students.

Also, depending on the current demand of the credit based course registration system, we add corresponding restrictions on the total credits which each student can register.

Purpose:

1. To provide a platform for students to search, filter out and register the courses they are willing to take.
2. To provide a platform for universities to manage the course registration, and the professor allocation.
3. To help the university analyze the capacity of each course. Thus helping the university arrange classroom better.
4. Be able to collect the information of each student’s taken courses and currently taking courses, calculate and record his/her degree process according to associated department.
5. Clearly show the courses’ information to students, and help them register courses efficiently.