

~Spring 2015~

CST363 Introduction to Database Systems

Class project

Part 1

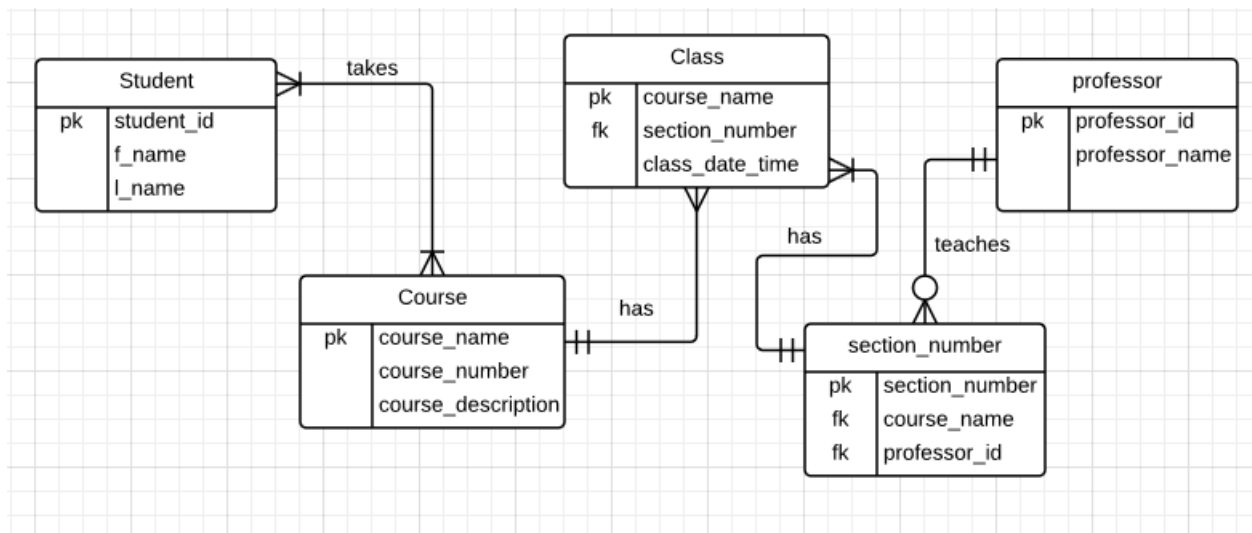
Project description

In this project, you are to apply what we have learned to design and implement a database system for an organization/company of your choice, it could be a library, restaurant, car repair shop, pet clinic etc. In the first part of the project, you are required to:

1) provide a summary of the scope of your project: brief description of the organization, information needs and questions that need to be addressed, and the purpose of your database system.

In our previous course we built a project that focused on a schools registration webpage. The student would be able to log in and view the courses and then select them and register. The name of the school was the U.S.S. Enterprise Community College. The college itself needs a database system that can manage the student, professor, and course information. Ideally this could catalog the student, students courses, the professor, the courses taught by the professor, and the information on the course itself.

2) draw ER diagram



3) convert the ER diagram into tables in their 3rd normal form

student_id	f_name	l_name
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student_id	course_name
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course_name	course_number	course_description
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course_name	section_number	class_date_time
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section_number	course_name	professor_id
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professor_id	professor_name
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