

Mock Assignment 2 (T20 – King)

Description

Make a database showing students, classes, professors – and any other interactions one might see within a university environment.

Requirements

You must have at least *three* tables with a reasonable amount of fields:

- **Students** – Student ID, first name, last name, etc...
- **Faculty** – First name, last name, department, type (professor, instructor, etc...)
- **Classes** – Course numbers, times, departments....

Proper field data types, as well as inter-table relationships should be present.

You must also have *at least* four queries:

- **StudentSummary** – This should list the students by their ID number, combine their first and last name into a single field (“name”), and show the number of courses the student is currently enrolled in.
- **ClassSummary** – This should list the courses by their department, and then their name – and should also list the number of students currently enrolled.
- **ProfessorSummary** – This should list professors by their department, followed by their “name” – a field that combines their first and last name together, like for the students. It should also feature the number of courses they are currently teaching.
- **StudentX** – This should be a query that shows the classes *one particular student of your choice* is taking, and show the same data as ClassSummary.

And at least one report:

- **ClassesByInstructor** – This report should list all professors, with the courses that they teach under each of them.

Additional fields for both tables and queries are encouraged, and the previous attributes should be considered a minimum rather than the recommended amount. Inter-table relationships will also be needed.

In order to fulfill the above requirements, you *most likely* will have to create additional tables, for example, to link students to classes, etc....