

Hw 1 Solution

Your fellow students have decided to make a website called RateMyHornet, where you can rate your CSUS professors. You have been asked to create the ER diagram that reflects the following requirements:

- Professors have a unique ID. Professors also have a name, consisting of first and last, but there may be more than one professor with the same name. Professors have multiple email addresses. Professors also have an average rating.
- Courses have a unique catalog number. Courses also have a unique description, number of units, and may have a GE area.
- Courses can have more than one section, or possibly no sections at all (for example, a new course that hasn't been scheduled yet).
- Sections have a section ID that distinguishes it from other sections of the same course. A section ID is made up of a section # (an integer) and the semester (such as "Fall 2020"). Sections also have a room number.
- A professor must teach at least one section. A section is only taught by a single professor.
- Students have a unique ID and a name consisting of first and last name. Like professors, there may be more than one student with the same name. Students have a major and can have multiple email addresses.
- Students can take many sections and sections can have many students. For each section a student is enrolled in they can leave a rating and record the grade they received.

