



Assumptions

- 1) A course section only corresponds to one course
- 2) One course can have many sections
- 3) If a course is deleted, then all of its course sections are deleted.
- 4) A course can have many TAs.
- 5) A TA can assist multiple courses.
- 6) Each Office Hour is hosted by one TA.
- 7) A teaching assistant can host multiple office hours for a course section.

CS 348 Project Relational Schema

Course(CourseID, Department, Number)

CourseSection(Course.CourseID, SectionID, Semester, Number of Students)

OfficeHour(CourseSection.CourseID, CourseSection.SectionID, TeachingAssistant.Email, Time, Location, Day, Capacity)

TeachingAssistant(Email, Name, Year)

CourseSection.CourseID is a foreign key in the Course Section table corresponding to the CourseID column of the Course table.

CourseSection.CourseID, CourseSection.SectionID, TeachingAssistant.Email are foreign keys in the Office Hour table corresponding to the CourseSection and TeachingAssistant table respectively.