



Schemas:

Instructor(name,age, gender, facultyOrFree)
InstructorExpertise(name,expertise)
Faculty(name, startYear, researchOrTeach)
ResearchInterest(name, interest)

Department(code, name)
Course(deptCode, number, area)
Prerequisite(deptCode, courseNumber, preDept, preCourse)
Exclusion(deptCode, courseNumber,exDept, exCourse)
CourseSkill(deptCode, courseNumber, skill)
CourseTopic(deptCode, courseNumber, topic)

Section(deptCode, courseNumber, startDate, sectionId, endDate, time, instructorName, enrolmentNum)

Student(username, gender, birthYear, birthMonth, birthCountry, enrolYear, enrolMonth)
Employment(username, company, title,startDate, endDate)
CompanyExpertise(name,expertise)
EmploymentSkill(username, company,title, acquiredOrUsed, level)

Experience(deptCode, courseNumber, startDate, sectionId, username,grade, satisfaction, rankOfInstructor)
AcquiredSkill(deptCode, courseNumber, startDate, sectionId, username, skill,startLevel, endLevel)
Interest(deptCode, courseNumber, startDate, sectionId, username, topic,startRank, endRank)