



- Assumption: 1) Assignment must belong to a class, but the class can have no assignment
 2) One student can be TA for different classes
 3) the teaching assistant must be a student in another class, but the student doesn't need to be TA.
 4) teaching assistant must belong to a class, but a class doesn't need to have a TA
 5) A reply can be written by a student or instructor
 6) a student or instructor can write replies or not
 7) the reply must correspond to a question when a question can have no reply
 8) Question must be posted by a student or an instructor but not TA
 9) an instructor can teach any number of classes; but one class can only have one instructor
 10) Student consist of all of students, instructors and TAs.