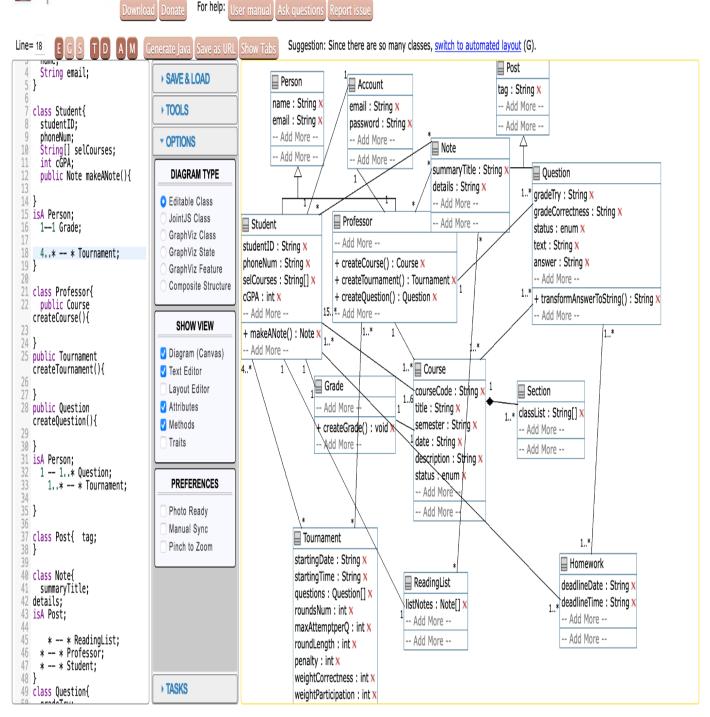


Table and a section of a room



mple Online

Draw on the right, write (Umple) model code on the left. Analyse models and generate code. This tool stores your data in cookies and on a server. <u>I understand</u>. <u>Click to learn about privacy</u>.



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## Assumptions:

## We are assuming:

- Each student can only have one account and vice versa
- A professor can have 0 to many notes and 0 to many notes and 0 to many notes can only be made by one professor.
- A professor must have at least one question posted and these questions can only be made by one professor.
- A course can have no question at all to many questions if wanted and 0 to many question can be assigned to a course.
- A course will have at least one section and each section is only going to be for one course only.
- A professor will be teaching at least one course, and each course will only be taught by one professor.
- A student must have from 1 up until 6 courses selected to be enrolled, and these courses could only be taken if there is a min of 15 students or more.
- A course will have at least one question posted, and at least one question will be posted in a given course.
- Each course will have one passing grade and grade can be for 1 to many courses.
- Each student will have a grade for each course used towards his cGPA, and a grade will be assigned to a student.
- 0 to many notes can be added to a readingList, and a readingList can have 0 to many notes.
- A student can only have one reading list, and vice versa
- A homework will have at least one question and 0 to many questions can be assigned as a homework.
- 1 to many Homework can be assigned for a student, and a student must have at least one homework.
- A professor can create 0 to many tournaments, and 0 to many tournaments can be created by at least one professor.
- At least 4 students are requires to host a tournament, and a student can have 0 to many students.
- A section is a part that can't be present unless there is a course, that is why we used a decomposition association between these two classes.