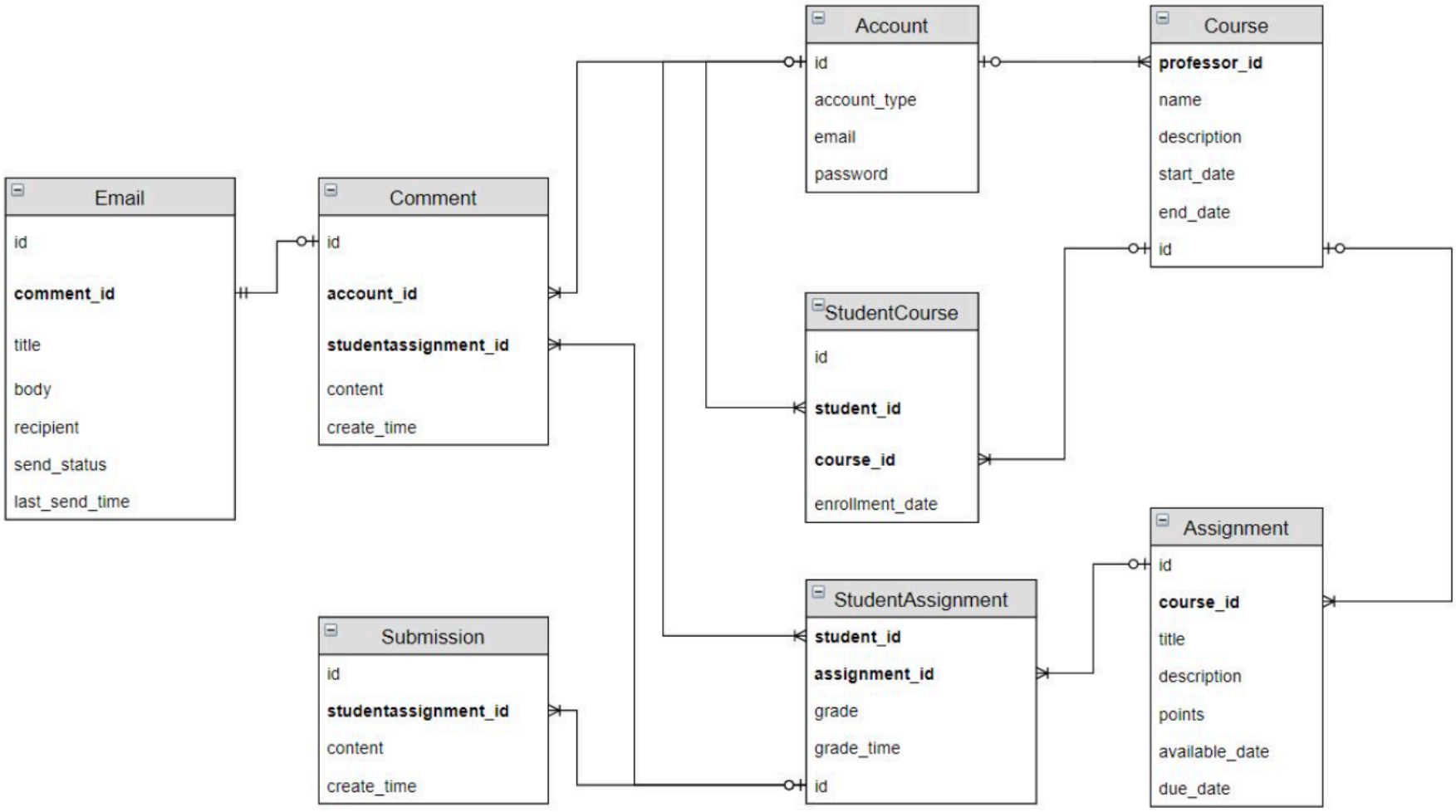
Account
id
account_type
email
password
Course
professor_id
name
description
start_date
end_date
id
Email
id
comment_id
title
body
recipient
send_status
last_send_time
Comment
id
account_id
studentassignment_id
content
create_time
StudentCourse
id
student_id
course_id
enrollment_date
Assignment
id
course_id
title
description
points
available_date
due_date
StudentAssignment
student_id
assignment_id
grade
grade_time
id
Submission
id
studentassignment_id
content
create_time

After designing the database above, we now want to create an assignment management website. The website uses a lot of SQL statements to manipulate the data. Your job is to **write some SQL statements** to help implementing the website (no coding is involved, you only need to write the SQLs).

(If you don't have any website development experience and wonders how SQLs are used by website code, I strongly recommend you watch this video before you start)

Write the SQLs to be used in the following user scenarios:

A. 1 professor and 3 students registered their accounts on this website
   - Write 4 INSERT statements for this scenario.
     - **For ALL INSERT statements** (in this scenario and the rest scenarios), include the **id column** (in normal practice, we don't insert the id column but let the database generate them automatically; here we're only doing this so that later on we can easily refer to these inserted records).
   - Use any dummy data (for example, use email1@example.com as email address)

B. The professor created a course and the 3 students enrolled in his course.
   - For the student_id/professor_id column, use the ids you previously inserted in scenario A.
   - Again, for any INSERT statements, include the id column.

C. The professor then created 2 assignments (titles are Homework1, Homework2) for this course.

D. One student (randomly choose any student) submitted twice for **Homework1** and left a comment.
   - Note that you also need to create the corresponding StudentAssignment record.
   - The StudentAssignment records are designed to be created on the fly. Meaning they're only created when a student submits/comments an assignment but there is no corresponding StudentAssignment record available.

E. The professor opened the website.
   - He first navigated to the course's assignment management page (write a SELECT statement listing the assignments in this course).
   - He then navigated to Homework1's StudentAssignment page (write a SELECT statement listing the StudentAssignments for Homework1; in this case, it's supposed to return only one result as only one of the student had ever submitted/commented).
   - He then navigated to the student's (who submitted twice for Homework1) StudentAssignment page for Homework1
     - Write a SELECT statement listing the **submissions** for this StudentAssignment.
     - Write another SELECT statement listing the **comments** for this StudentAssignment.

F. The professor graded this student's Homework1 and also left a comment.

Deliverable for Course Project 2:

SQL statements for scenarios A - F (You don't need to submit the create database statements).