

Instructions

1. Project scope (short paragraph)

Write a story that defines the purpose and scope of the database. Describe the main entities (e.g., students, lecturers, etc).

2. Entities and EER diagram

List all entities with brief descriptions of their roles and attributes (e.g., Student, Course, Class, Lecturer, etc).

3. Table design

State how many tables are required after mapping the EER to a relational schema.

Project scope

Yoobee College of Creative Innovation is an institution that provides a series of courses for undergraduate and postgraduate students, both national and international. For that, it needs a robust system to manage its courses(Subjects), classes, lectures, and students.

Entities and EER diagram

List all entities with brief descriptions of their roles and attributes (e.g., Student, Course, Class, Lecturer, etc).

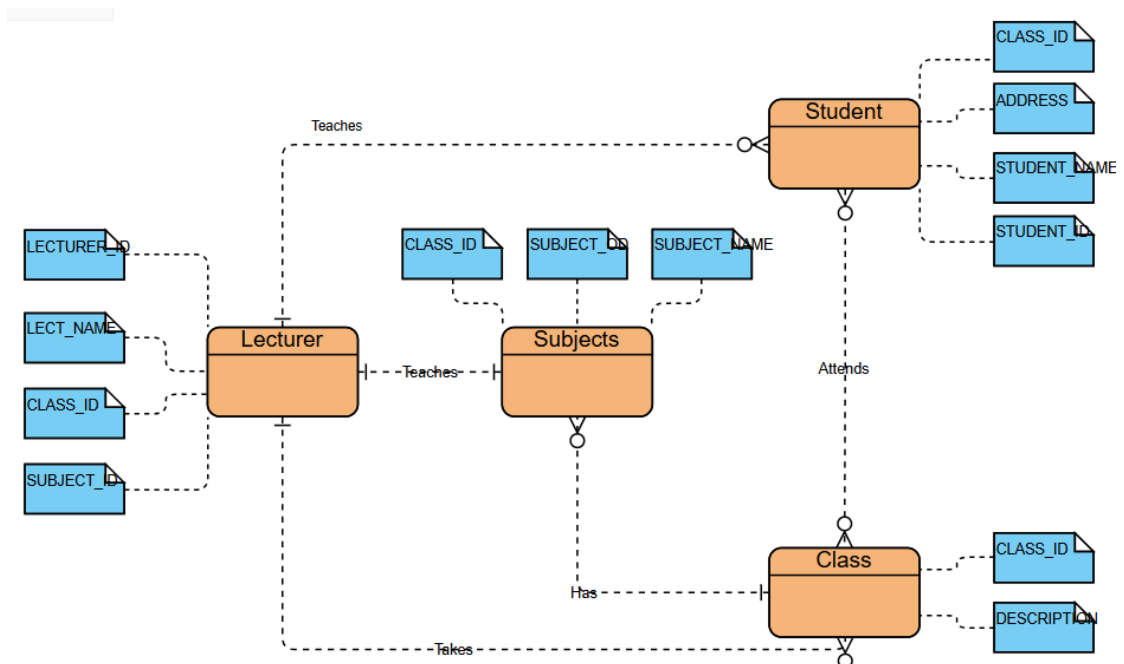


Table design

State how many tables are required after mapping the EER to a relational schema.

Lecturer: LECTURER_ID / Foreign ID: CLASS_ID; SUBJECTS_ID

Subject: SUBJECT_ID / Foreign ID: CLASS_ID

Student - STUDENT_ID / Foreign ID: CLASS_ID

Class: CLASS_ID