CW11-2-1: ERD

ERD1: University

Entities

- Student: Each student has a unique student ID, name, and date of birth.
- Course: Each course has a unique course ID, title, and number of credits.
- Student Registration: Each student registration has a unique registration ID, along with the student ID, course ID, and registration date.
- Instructor: Each instructor has a unique instructor ID, name, and specialization.
- Department: Each department has a unique department ID and name.

Relations

- Students can register for multiple courses, and each course can have multiple students registered. This means that students can sign up for multiple courses, and each course can have multiple students signing up.
- Each student registration is linked to one student and one course. This means that each student can have multiple registrations, and each course can have multiple registrations.
- Each course is associated with one instructor. This means that each course is taught by one instructor.
- Each department can offer multiple courses. This means that multiple courses can be associated with one department.
- Each instructor is associated with one department. This means that each instructor belongs to a specific department.