Module 2 – Databases and Backend Development

SQL Exercise 1

Overview

In this exercise, you will create tables that represent a tertiary institution's data structure. You will design the Students, Courses, and Enrollments tables using SQL statements, which will help you understand the basics of relational database schema design.

Instructions:

// TODO: Create tables for a database that represents a tertiary institution

1. Create three tables, Students, Courses, and Enrollments, using SQL CREATE TABLE statements
2. The Students table should include columns: student_id, name, major, year_of_study
3. The Courses table should include columns: course_id, course_name, department, credits
4. The Enrollments table should include columns: enrollment_id, student_id, course_id, enrollment_date.
5. Insert some initial data into each table to ensure they are not empty

Submission:

Save your SQL queries in a file named tertiary_institution_exercises_1.sql and upload it to the LMS