## Project Overview

The "Student Database Management System" is a SQL-focused project demonstrating core competencies in designing and interacting with relational databases. It manages essential academic data: student profiles, course details, and their enrollments.

This project highlights:

* **Structured Data Management:** My ability to design efficient and normalized SQL databases.
* **Data Integrity:** Implementation of constraints to ensure reliable and consistent data.

## Technologies Used

* **Database:** SQL (Generic, compatible with RDBMS like MySQL, PostgreSQL, SQLite, SQL Server)
* **Development Tools:** A SQL Client (e.g., MySQL Workbench, pgAdmin, DBeaver) for database interaction.

## Database Design (SQL)

The core of this project is a well-structured relational database, designed to store student and course information efficiently and accurately

## Setup & Installation

To run the SQL database locally:

* A **Relational Database Management System (RDBMS)** installed (MySQL)
* A **SQL Client** (MySQL Workbench) for executing SQL scripts.

  
  
