# PROJECT

Student Database Management



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## **About The System:**

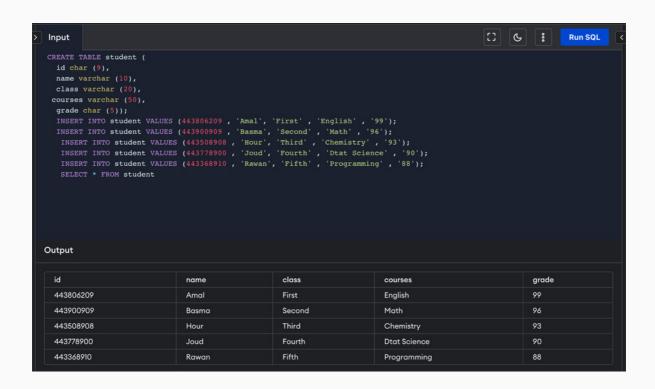
A student management system (SMS), also known as a student information system (SIS), is a database system in SQL used by educational institutions to manage student-related information and administrative tasks. It serves as a centralized platform to store, organize, and process student data, facilitating efficient management of student records, enrollment, grades, attendance, In this project, we used SQL to write tables and some queries. There are four tables (students, courses, College, Registration, Grade) Each table contains a set of columns and have values

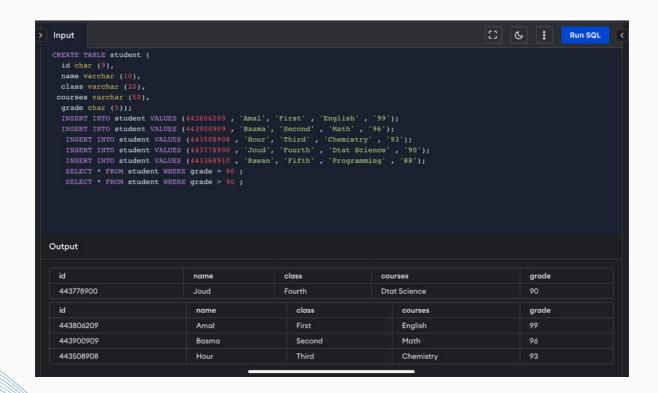
#### **Student Management System Implementation:**

We create a student management system in SQL, First-able design and create database tables to store information related to students, courses, college, registration and grade. Here's Implementation for a student management system:

#### 1) Table name: Student

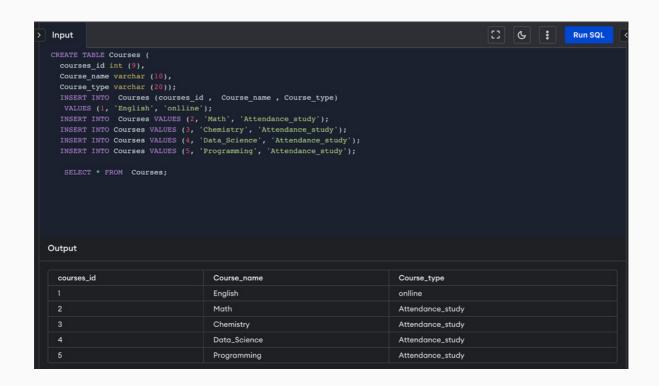
1. Create the "Student" table to store student information:

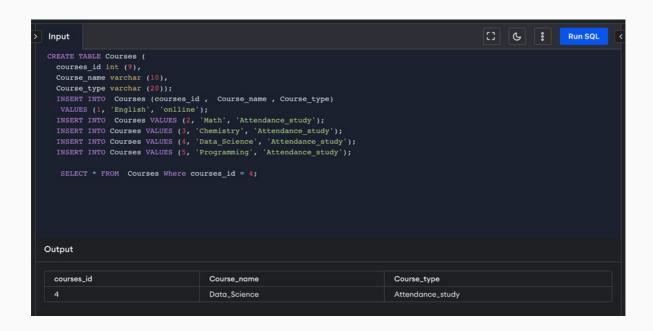




#### 2) Table name: Courses

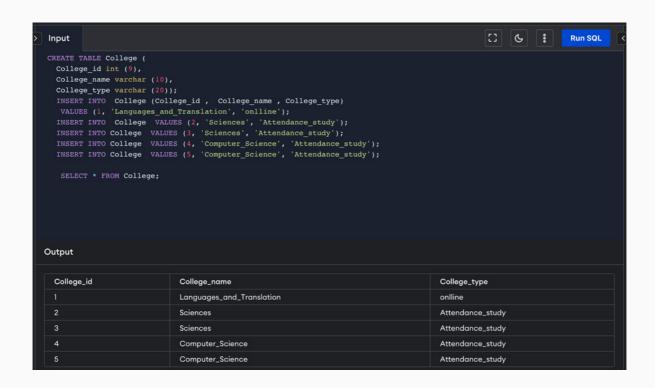
2. Create the "Courses" table to store course information:

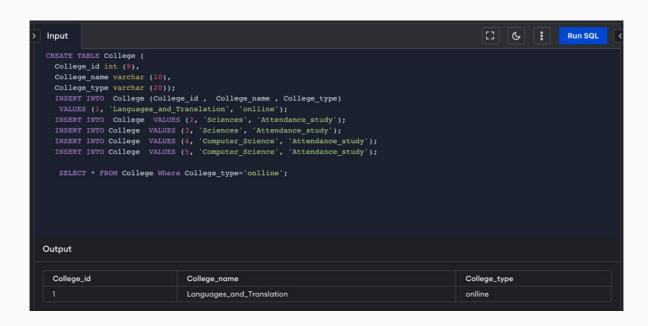




#### 3) Table name: College

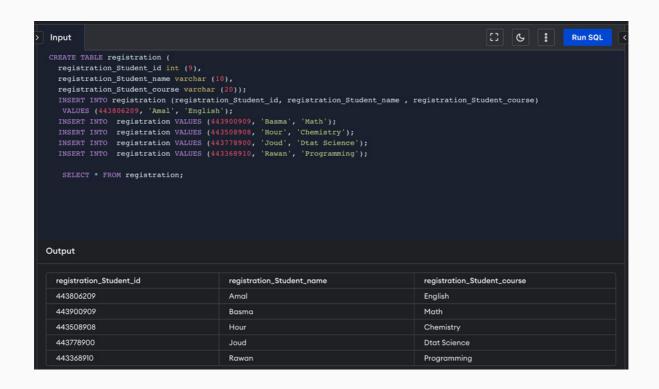
3. Create the "Collge" table to store college information:

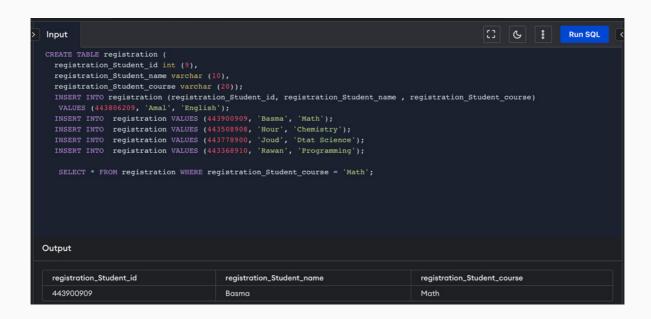




#### 4) Table name: Registration

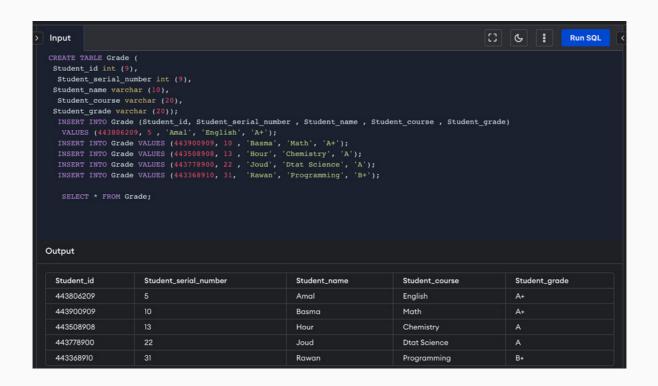
4. Create the "registration" table to store registration information:

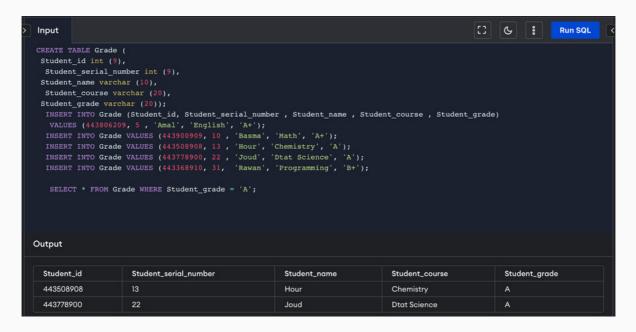




#### 5) Table name: Grade

5. Create the "grade" table to store relationships between student and grade information:





#### Student Management System queries

these tables, can perform various operations on the student management system using SQL queries. some queries implemention:

- 1 select \* form student where grade >90;
- 2 select \* form student where grade = 90;

	ent WHERE grade = 90 ; ent WHERE grade > 90 ;			
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		To de constitución de la constit		and a
id	name	class	courses	grade
id 443778900	name Joud	class Fourth	courses Dtat Science	grade 90
443778900				
443778900 id	Joud	Fourth	Dtat Science	90
	Joud name	Fourth class	Dtat Science courses	90 grade

#### Student Management System queries :

- 1 select \* from Courses where courses\_\_id = 1;
- 2 select \* from Courses where courses\_\_id = 4;



## Student Management System queries:

## Select \*From Garde Where Student\_garde = 'A';



## Student Management System queries:

Select \* From registration where registration\_student\_course = 'Math';

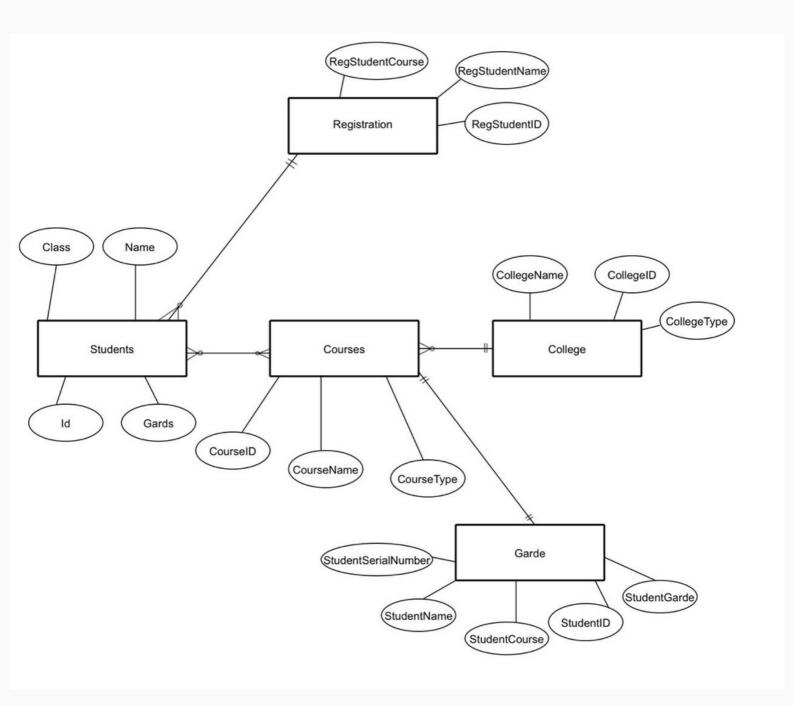


## Student Management System queries:

Select \* From college where college\_type= 'online';



# **ER Diagram**



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