(University DataBase Management System)

College_Table
- College_ID (PK)
- College_Name
- College_Area

Apply Constraints of NOT NULL on ID , Name and Area Column

Apply Foreign Key on Department Table

Department_Table
- Dept_ID (PK)
- Dept_Name
- Dept_Facility

Apply Constraints of NOT NULL on ID , Name and Faculty

University Database

Professor_Table
- Professor_ID (PK)
- Professor_Name
- Professor_Subject

Apply Foreign Key on Student Table

Student_Table
- Student_ID (PK)
- Student_Name
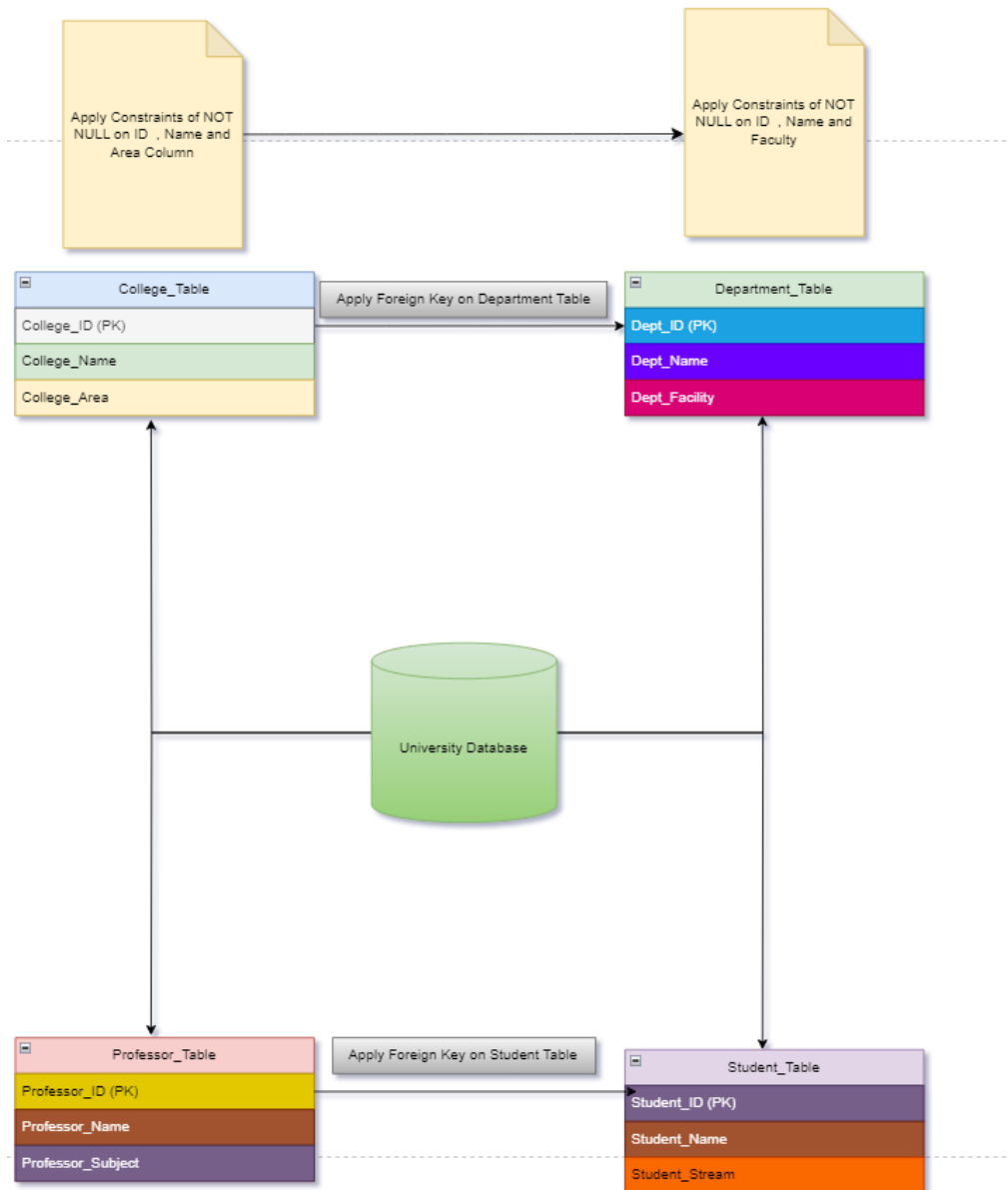- Student_Stream

University Database Management System is one of the Fundamental and Intermediate level SQL project

Here in this Project you have to create an efficient DBMS for the any University .

Task 1:-

1.Create University Database give any University name you want

2. Under this University Create four tables and each table should have following three Column named as:-

    A. College_Table

        College_ID(PK)

        College_Name

        College_Area

    B. Department_Table

        Dept_ID(PK)

        Dept_Name

        Dept_Facility

    C. Professor_Table

        Professor_ID(PK)

        Professor_Name

        Professor_Subject

    D. Student_Table

Student_ID(PK)

Student_Name

Student_Stream

3. Apply foreign key on Department key from College_table

4. Apply foreign Key on Student_Table from Professor_Table

5. Insert atleast 10 Records in each table

Task 2:-

1. Give the information of College_ID and College_name from College_Table
2. Show Top 5 rows from Student table.
3. What is the name of professor whose ID is 5
4. Convert the name of the Professor into Upper case
5. Show me the names of those students whose name is start with a
6. Give the name of those colleges whose end with a
7. Add one Salary Column in Professor_Table
8. Add one Contact Column in Student_table
9. Find the total Salary of Professor
10. Change datatype of any one column of any one Table

Task 3:-

1. Show first 5 records from Students table and Professor table Combine
2. Apply Inner join on all 4 tables together(Syntax is mandatory)
3. Show Some null values from Department table and Professor table.
4. Create a View from College Table and give those records whose college name starts with C
5. Create Stored Procedure of Professor table whatever customer ID will be given by user it should show whole records of it.
6. Rename the College_Table to College_Tables_Data .