



Database

Implementing the HR System Database

After we designing the **Entity-Relationship Diagram (ERD)** and **Relational Schema** for the **Human Resources (HR) System**, your next task is to implement the database and tables using SQL commands.

Instructions:

- 1. Create a Database:**
 - Create a new database called **HR**
- 2. Create Tables:**
 - Define four tables for the system: **Employee**, **Department**, **Location**, and **Project**. Each table should include the attributes as described in the previous task.
- 3. Insert Sample Data:**
 - Insert at least **four rows** of sample data into each table. This data should reflect a realistic scenario for employees, departments, projects, and locations.
- 4. Update a Record:**
 - Update **one record** in any table. Ensure the change reflects a meaningful modification, such as updating an employee's salary or job title.
- 5. Delete a Record:**
 - Delete **one record** from any table. For example, you might delete a department or an employee record.
- 6. Add Foreign Key Constraints (bonus)**
 - Add the **foreign key constraints** between the appropriate tables. Ensure the relationships between the tables are established correctly using the foreign key references.
- 7. Submit Your Work:**
 - Once the SQL code is completed, commit and push your code to your **GitHub repository**.