

Homework Assignment: Create an ER Diagram

Dear Students,

In this homework, you will practice creating an ER (Entity-Relationship) Diagram based on the given tables and relationships.

Scenario:

A company has departments, employees, and projects. Employees are assigned to projects, and each department manages both employees and projects.

Tables & Attributes

- 1. Department
 - Dept_ID
 - Dept_Name
 - Location
- 2. Employee
 - Emp_ID
 - Emp_Name
 - Email
 - Phone
 - Salary
 - Dept_ID
- 3. Employee_Project
 - Emp_ID
 - Proj_ID
 - Role



Your Tasks:

- 1. Identify the **entities** and **attributes** from the tables above.
- 2. Mark the **Primary Keys (PK)** and **Foreign Keys (FK)**.
- 3. Decide the **relationships** between entities:
- 4. Draw the **ER Diagram** clearly showing entities, attributes, keys, and relationships.
 - You may draw it on paper OR use tools like Draw.io, Lucidchart.