



1. Find out the entity type

Entity:

1. Strong Entity:

Employee-(name(Fname,Lname,Minit),Address,Salary,Sex,Bdate,Ssn)

Department-(Name,Number,Locations)

Projects-(Name,Location,Number)

2. weak Entity:

Dependent-(Name,Sex,Relationship,Birth_Date)

2. Find out the relationships

1. work_on
2. Dependents_of
3. Works_for
4. Supervision
5. Contorls
6. Manages

3. Describe the ER Diagram in words

>> This is a basic ER Diagram of an office management.

1. Works_for - Many Employees Works on a DEPARTMENT , In a Department has many employees.

2. Manages- One Employee can MANAGES one department ,

3. Control - One Department can control many Project , many projects are controlled by one department

4. Work_on - Many Employees works on many Projects,

Many projects have many employees

5. Supervision - One Employees supervised by many Employees, many employees are supervised by one employee

6. Depents_of- One Employees dependents of many Department , many dependent dependents of in one employee.