



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. Depends_of - One Employees depends of many Department ,
many dependent depends of in one employee.