



1. Find out the entity type

EMPLOYEE(Bdate,Name,Address,Salary,Sex,Ssn)--Strong Entity

DEPARTMENT(Name,Number,Locations)--Strong Entity

PROJECT(Name,Number,Location)--Strong Entity

DEPENDENT(Name,Sex,Birth-date,Relationship)--Weak Entity

2. Find out the relationships

WORKS-FOR

MANAGES

WORKS-ON

SUPERVISION

DEPENDENT-OF

3. Describe the ER Diagram in words

1. Many Employees Work-for One Department

M:1

2. One Employ Work_on Many Project.

A Project Can be Work_on Many Employ.

N:M

3. One Department Control Many Project.

A project can be controlld by a department

1:M

4. One employ supervisee many employ

Many employ can supervisee one employ