



1. Find out the entity type.

- 1.EMPLOYEE(ssn,Bdate,name(fname,minit,Lname),address,salary,)
- 2.PROJECT(location, name, number)
- 3.DEPARTMENT(name,location, number)
- 4.DEPENTENTS(name,sex,birth\_date,relationship)

2. Find out the relationships.

SUPERVISION

WORKS-ON

WORKS-FOR

DEPENDENTS\_OF

CONTROLS

MANAGES

3. Describe the ER Diagram in words.

1. WORKS\_FOR - Many EMPLOYEE works on a DEPARTMENT , In a Department has many employees.

2. MANAGES - One Employee can MANAGES one department ,

3. CONTROLS - One DEPARTMENT can control many Project , many projects are controlled by one department

4 WORKS\_ON - Many EMPLOYEEs works on many PROJECTS,  
Many projects have many employees

5. SUPERVISION - One EMPLOYEE supervised by many EMPLOYEE ,  
many employees are supervised by one employee

6. DEPENDS\_OF - One EMPLOYEE dependents of many DEPENDENT ,  
many dependent dependents of in one employee.