1. Find out the entity type
1)Employee(Strong Entity)
 This entity has many Attributes these are:-
1)Ssn
2)Sex
3)Bdate
4)Address
5)Salary
6)Name
1. Fname
2. Lname
3. Midname
These are composites attributes

2)Project(Strong entity)
This entity has many attributes these are:-
1)Name
2)Number
3)Location

3)Department(Strong entity)
This entity has many attributes these are:-
1)Name
2)Location
3)Number

4)Dependent(weak entity)
1)Name
2)Sex
3)Relationship
4)Birth_date

2. Find out the relationships
1)Dependents_of(weak relationship)
2)Supervision
3)Works_on
4)Manages
5)Works_for
6)Controls

3.Describe the ER Diagram in word
1)Many to one Relationship:-
    1) Employee supervision employee is partial participation.
    2) Employee works for Department is total participation.Department has many attributes
      .These are :-1)Name
                  2)Location is **Multivalued** attributes
                  3)Number and name are primary keys

    3) Employee dependents of Dependent
      Employee to Dependent is partial participation and Dependent to Employee is total
      participation

    4) Department controls Project
      Department to Project is partial participation.and project to Department is total
      participation.
2)Many to many

1) Employee works on project is total participation.works on has descriptive relationship.(Hours)

3)One to one
   1) Employee manages department
   Employee to Department is partial participation.And Department to Employee is total Participation.Manages have descriptive relationship(start_date)

Attributes
Number_of_employee is **Derived** attributes
Location of department attribute i
Employee works for Department is **Total participation**
Employee supervision Employee **Partial participation**