1. Find out the entity type
   - **Strong Entity**
     Employee-(Name,Salary,Sex,Address,Ssn,Bdate)
   - **Strong Entity**
     Department-(Name,Number,Location)
   - **Strong Entity**
     Project-(Name,Number,Location)
   - **Weak Entity**
     Dependent-(Name,Sex,Birth_date,Relationship)

2. Find out the relationships
   1. Employee relates as works_for with Department many to one relationship.
   2. Employee relates as manages with Department one to one relationship.
   3. Employee relates as work_on with Project many to many relationship.
   4. Project relates as controls with Department many to one relationship.
   5. Employee weak relates as dependents_of with Dependent one to many relationship.

3.Describe the ER Diagram in words
Entity and Attribute Description
   1. Employee:-Name,Bate,Salary,Sex,Address,Ssn
        Primary key is Ssn
        Here Location attribute is multivalued
   2. Department:-Name,Number,Location
         Primary key are Name and Number
         Location is multi valued
   3. Project:-Name,Number,Location
          Primary key are Name and Number
          Descriptive attribute is hours
          Location is multi valued
   4. Dependent-Name,Sex,Birth_date,Relationship
          Primary key is Name
          Here Dependent entity is weak entity
Relationship Description
   1. Employee relates as works_for with Department many to one relationship.
   2. Employee relates as manages with Department one to one relationship.
   3. Employee relates as work_on with Project many to many relationship.
   4. Project relates as controls with Department many to one relationship.
   5. Employee weak relates as dependents_of with Dependent one to many relationship.

Data flow Description
   1. Employee relates with department Both of relationships are full participation
   2. Employee relates with Project Both of relationships are full participation
   3. Project relates with Department Both of relationships are partial participation
   4. Employee weak relates with Dependent Both of relationships are partial participation