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

2. Find out the relationships

-Employee WORKS_FOR Department

  N   :   1

-Employee MANAGES Department

  1   :   1

-Department CONTROLS Project

  1   :   M

-Employee WORKS_ON Project

  M   :   N

3.Describe the ER Diagram in words

Many Employees Works on a Department. A Department has many employees. So this is one to many relationship

An employee Manages a Department. A Department manages by an Employee. So this is one to one relationship.

A Project has many Employees. All Employees work on all Projects. So this is many to many relationship.

A Department controls many Project. A Project controls by a Department. So this is one to many relationship