1. Find out the entity type
Employee (Fname , Bdate , Minit , Address , Hours , Name , Salary , Lname , Sex , Sno) -
Strong Entity
Department - (Number , Name , Locations , Number_of_employees)
Project- (Name , Number , Location)
Department - (Sex , Birth_date , Relationship , Name)

2. Find out the relationships

Works_For
Manages
Works_On
Dependents_of
Supervision

3.Describe the ER Diagram in words

1. Works_For
Many EMPLOYEE works on a Department , Department has many EMPLOYEE

2. Manages
One EMPLOYEE can Manages one department. One Department Manages by one EMPLOYEE

3. Works_On
Many EMPLOYEE works on many Projects , Many Projects have many EMPLOYEE

4.Dependents_of
One EMPLOYEE dependents of many Department , many Departments in one EMPLOYEE

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