ER Diagram Exercise 1

1.Find out the entity type
  EMPLOYEE (ssn,sex,name,fname,lname,minit,Bdate,Adress, salary):strong entity
  PROJECT(Name,Number,Location):strong entity
  DEPARTMENT(Name,Number,Location):strong entity
  DEPENDENT(Name,sex,B_date,Relationship): Weak entity

2.Find out the relationships
  WORK_ON()
  WORK_FOR()
  MANAGES()
 DEPENDENTS_OF()
SUPERVISION()
WORK_ON()

3.Describe the ER Diagram in words

Employee works_for Department:- one employee works for one department at the same line one department has many employee.(M:1)

Employee manages Department :- one employee manages one department at the some time one department at the same time one department has manages one employee(1:1)

Employee works_on project:- many employee work on many project at the same time many project has works on many employee (M:N)

Project control department :- one project control one department at the same time one department has control many project(N:1)