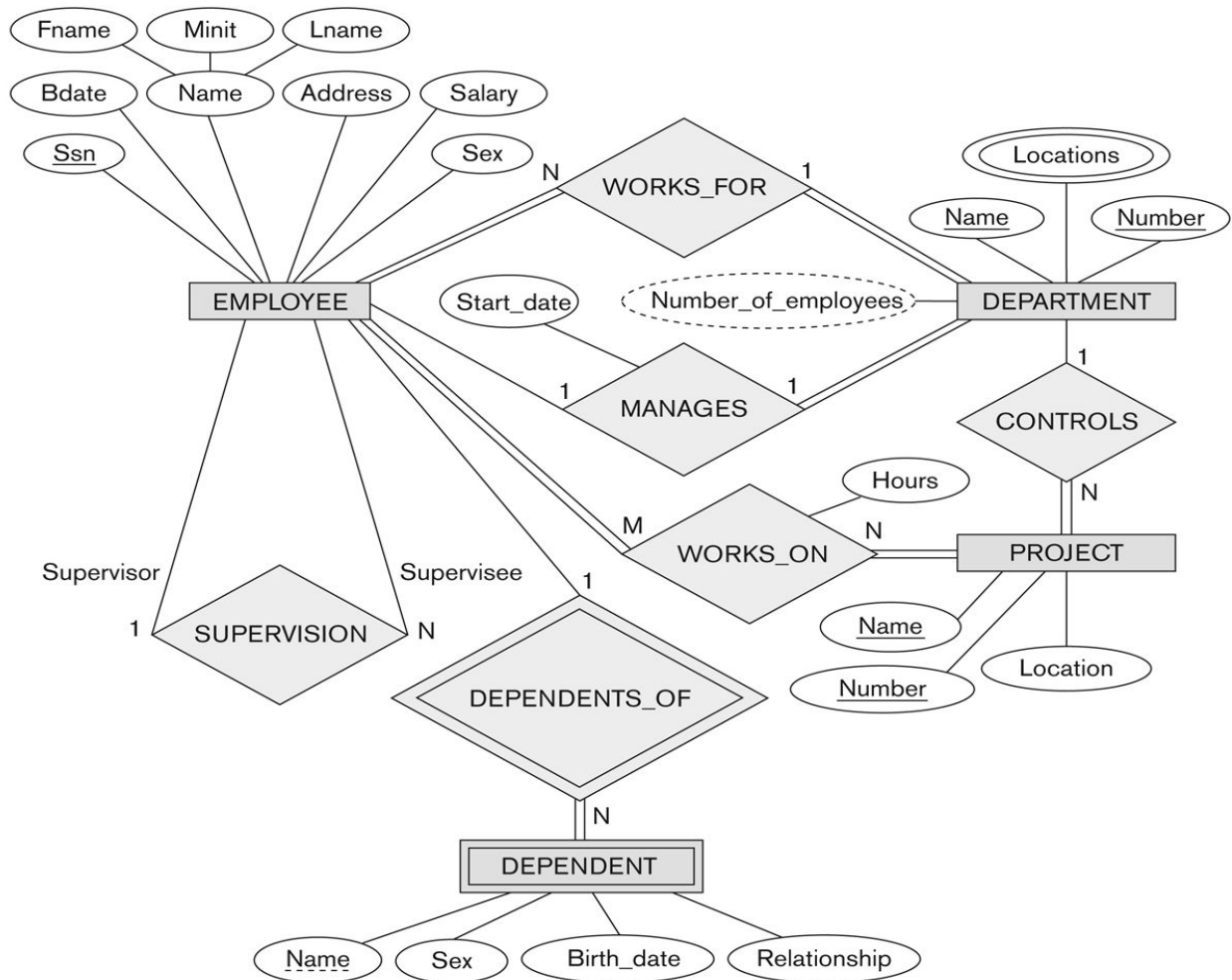# ER Diagram Exercise 1

1. Find out the entity type
   - Employee(Fname.Lname,Minit,Name,Salary,Sex,Address,Bdate,Ssn,)
   - Project(Name,Location,Number)
   - Dependent(Name,Sex,Birth_date,Relationship)-weak Entity
   - Department(Name,Number,Location)

2. Find out the relationships
   - Works_for
   - Supervision

- Works_On
- Manages
- Controls
- Dependent - Weak rlationship

3.Describe the ER Diagram in words

Employee work for Department many to one relationship,Partial participation. Employee manages Department one to one relationship. Employee supervision employee one to many relationship. Employee dependents of Dependent one to many relationship.Employee works on project many to many relationship.Department controls project one to many relationship.