

ER DIAGRAM EXERCISE

1..Find out the entity type

- Project
- Department
- Employee
- Dependent(weak entity)

2..Find out the relationships

- 1.Employee work for department -one to many
2. Department manage employee-one to one
- 3.Department control project-one to many
- 4.employee work on project-many to many
- 5.employee depend-on depend -one to many
- 6.one employee supervision many supervisee

3.Describe the ER Diagram in words

1. Employee has
 - 1.Ssn – primary key
 2. name – composite attributes
 - fname
 - minit
 - lname
 3. Bdate
 4. Address
 5. Salary
 6. Sex
3. Department has
 1. Name -Primary Key
 2. Locations - Multivalued Key
 3. Number - Candidate key
 - 4.num of employee-derived attribute

3.Project Entity has

1. Number – Primary key
2. Name – Candidate key
3. Location-single

4.dependent Entity has

- 1.name -primary key

2.sex

3.birth-date

4.relationship

5.employee manage department

Manage--relative attribute

6.