

ER Diagram Exercise 1

1.Find out the entity type

- ❖ EMPLOYEE
- ❖ DEPARTMENT
- ❖ PROJECT
- ❖ DEPENDENT

2.Find out the relationships

- ❖ EMPLOYEE TO EMPLOYEE :- ONE TO MANY
- ❖ EMPLOYEE TO DEPENDENT :- ONE TO MANY
- ❖ EMPLOYEE TO PROJECT :- MANY TO MANY
- ❖ EMPLOYEE TO DEPARTMENT :- ONE TO ONE
- ❖ EMPLOYEE TO DEPARTMENT :- MANY TO ONE
- ❖ DEPARTMENT TO PROJECT :- ONE TO MANY

3.Describe the ER Diagram in words

- ❖ ONE SUPERVISOR SUPERVISING MANY EMPLOYEE
- ❖ ONE EMPLOYEE DEPENDENTS_OF MANY DEPENDENT
- ❖ MANY EMPLOYEE WORK_ON MANY PROJECT
- ❖ ONE EMPLOYEE MANAGES ONE DEPARTMENT
- ❖ MANY EMPLOYEE WORKS_FOR ONE DEPARTMENT
- ❖ MANY PROJECT CONTROL BY ONE DEPARTMENT