1.Find out the entity type
EMPLOYEE
DEPARTMENT
PROJECT
DEPENDENT

2.Find out the relationships
EMPLOYEE WORK ON PROJECT
EMPLOYEE WORK FOR DEPARTMENT
DEPARTMENT CONTROLS PROJECT
DEPARTMENT MANAGES EMPLOYEE
DEPENDENT DEPENDENT OF EMPLOYEE

3.Describe the ER Diagram in words ?

➢ Is the ER diagram it have lots of entity these are EMPLOYEE,DEPARTMENT,PROJECT,DEPENDENT and that entities have lots of attributes.

The department has name number locations and the number of employees. Name and number are the key attributes. Number of employees is the derived attribute. And the locations is the multivalued attribute.

The employee has first name, last name , address , date of birth , name , salary , sex and employee ID. employee ID is the key attribute.

The project has name , number and location. Name and the number is key attribute.

The dependent weak entity has name , sex , birthdate and the relationship. Name is the partial attribute.

The department controls there projects. , the employees works on there projects. , employees works for the department. department manages employee with there start date attribute. Employees works on projects with hours attribute . A Supervisor supervise supervisee from the employee. And a employee dependents of with identifying relationship type there dependent.