ER Diagram Exercise 1

1.Find out the entity type
- Employee
- Dipartment
- Project
- Dependent (Weak Entity Type)

2.Find out the relationships
- Manages
- Work pf
- Supervision
- Controls
- Dependents of (identifying relationship type)

3.Describe the ER Diagram in words.

The ER diagram describe how entities interact department. The entity describe things that exists either physically or logically of a department. The diagram structured by the these relationship manages,workof , supervision , controls , dependents of.

The department have a name ,contact number , the location its multivalued that means that department have many locations and number of values its the derived attribute. The department connect with a many entities in the diagram.As the way department connect with in two relationship that Manages in one to one relationship its have a attribute that start date and other relationship is works_for its connect in a one to many relationship.

 Department have a one to many relationship with project that is control .it means a department got a many project.Project works on the employees in many to many relationship.name , number , location are the attribute of projects. The works on have a attribute hours.the project dealt to finished before a time.

Dependent is relationship to employees in dependents of relationship its the weak entity that the entity not considerable in department as important.attributes of dependents name , sex , birthdate , relationship.one employee has a many dependents so its the one to many relationship.

Employee relate with another employee (supervisors). Relationship with supervisors connect with supervisions that relationship is one to many and the employee important attribute and its have a many attribute include name ,bdate ,sex, address, number .ssn the name has 2 attribute that the first name,last name, middle name.

All this things structure as get full er diagram of deoartment.