



1. Find out the entity type

Dependent(Name,Sex,Birt\_date,Relationship)-weak entity

Project(Name,Number,Location)-weak entity

Department(name,location,Number)-strong entity

Employee(Sss,Bdate,name,Address,salary,sex)-strong entity

2. Find out the relationships

Employee-Dependent-one to many

Employee-Department-many to one

Employee -project-many to many

Department -project-one to many

### 3. Describe the ER Diagram in words

There are four entities in the diagram. It has four attributes. One employee works many dependent but one employee has one dependent relationship one to many (weak entity)

There are four entities in the diagram. It has three attributes. One department has many employees but one employee must work in one department this relationship one to many

There are four entities in the diagram. It has three attributes. One project has many employees but one employee works in many projects relationship many to many

There are four entities in the diagram. It has six attributes. One department does many projects but one project does one department relationship one to many