What is an entity?

In relation to databases, an entity is a single person,place or a thing about which data can be stored.

Explain weak entity?

Ans: a weak entity is an entity that can be uniquely identified by its attributes alone. Therefore it must use a foreign key in conjunction with its attributes to create a primary key.

A weak entity set will not have a primary key.

**Consider the following information about a Bank Database and construct an ER model for the given description**

**1)**Branches have a department name, location, and starting year

**2)**Each employee in the branch has an employee id, name, designation, salary and address

**3)**Each Branch has one or more Employees and each Employee belongs to exactly one Branch

**4)**Account has an Account Number ,Balance

**5)**Each branch has many Accounts, where each account is opened by a customer in a branch

**6)**Each Customer has a Name, Address, PhoneNumber, IdProof Number, Type of ID, Date of Birth

**7)**Account can be a Savings Account or a Current Account.

**8)**Savings Account will have interest rate and minimum balance, Current Account will have a Withdrawal limit

**9)**One Customer will have only one Account.

**10)**Every Branch is supervised by a Manager who is also an employee.