Entity relationship model of the gym

* **Step 1** In the Gym Management System we have the following entities
* Gym
* Member
* Sesion
* Coaches

Our design of Gym Management System consists of 4 entities; the specified entities will be our database tables in the design and implementation of gym management database schema.

* **Step 2** Entity has the following attributes:
* Gym = id, gym name and gym address
* Member = id, last name, first name, date birth and gender
* Sesion = type of session and shedule
* Coaches = first name, last name, age and specialty
* **Step 3** After we have specified our entities, it is time now to connect or establish a relationship among the entities.
* Gym the Member information (1 to many relationship).
* Gym the Coaches information (1 to many relationship).
* Gym the Session information (1 to many relationship).
* Coaches the Member information (1 to many relationship).
* Coaches the Session information (1 to 1 relationship).
* Session the Member information (1 to many relationship).

**ER DIAGRAM**

**Gym**

**Id,Name,Address**

**1**

**1**

**1**

**1**

**1**

**1**

**N**

**N**

**N**

**1**

**N**

**N**

**Coaches**

**L.N,F.N,Age,Speciality**

**Session**

**Type,Shedule**

**Member**

**Id,L.N,F.N,D.B,Gender**