**Entity Relationship Model for the Gym Management System**

1. **Entities :**

* **Gym :**

**Attributes :**

Name.

Address.

PhoneNumber.

* **Membre :**

**Attributes:**

MemberID.

LastName.

FirstName.

Address.

* **Coach :**

**Attributes :**

CoachID.

LastName.

FirstName.

Age.

Specialty.

1. **Relationships :**

* **Registers At :**

One Member can register at one Gym (One-to-One).

A Gym can have many Members registered (One-to-Many).

* **Attended At :**

One Member can attend many Sessions (Many-to-Many) .

One Session can be attended by many Members (Many-to-Many) .

* **Leads :**

One Session can be led by one or two Coaches (One-to-Many).

One Coach can lead many Sessions (Many-to-Many).

* **Helds At :**

One Gym can be held by one Sessions (One-to-One).

One Session can held one Gym (One-to-One).

