* ****Entities****
* ****Gymnasium****: Represents each gym location.
* ****Member****: Represents individuals who have memberships.
* ****Session****: Represents different sport sessions available.
* ****Coach****: Represents the instructors leading the sessions.
* ****Relationships****:
* ****Gymnasium-Member****: One-to-Many relationship (one gymnasium has many members).
* ****Session-Gymnasium****: Many-to-One relationship (many sessions are conducted at one gymnasium).
* ****Session-Coach****: Many-to-Many relationship (a session can have up to two coaches, and a coach can lead multiple sessions).
* ****Member-Session****: Many-to-Many relationship via a **Registration** entity (a member can register for multiple sessions, and each session can have up to 20 members).

[Gymnasium] --- (1,N) --- [Member]

GymName MemberID

Address LastName

PhoneNumber FirstName

Address

DateOfBirth

Gender

[Session] --- (N,1) --- [Gymnasium]

SessionID GymName

SportType Address

Schedule PhoneNumber

MaxMembers

[Session] --- (N,N) --- [Coach]

SessionID CoachID

SportType LastName

Schedule FirstName

MaxMembers Age

Specialty

[Member] --- (N,N) --- [Session] via [Registration]

MemberID RegistrationID

LastName MemberID

FirstName SessionID

Address

DateOfBirth

Gender