Entity–relationship model Checkpoint

Entities:

1. **Gymnasium:**
   - Attributes: gym_id (unique identifier), name, address, telephone number.

2. **Member:**
   - Attributes: member_id (unique identifier), last name, first name, address, date of birth, gender.
   - Relationship: Registers at (association with Gymnasium).

3. **Session:**
   - Attributes: session_id (unique identifier), type of sport, schedule, capacity (maximum members allowed).
   - Relationship: Held at (association with Gymnasium), Attended by (association with Member).

4. **Coach:**
   - Attributes: coach_id (unique identifier), last name, first name, age, specialty.
   - Relationship: Leads (association with Session).

Relationships:

- **Registers at:**
  - Connects Gymnasium and Member.
  - Indicates that a member is registered at a specific gymnasium.

- **Held at:**
  - Connects Session and Gymnasium.
  - Indicates that a session is held at a specific gymnasium.

- **Attended by:**
  - Connects Session and Member.
  - Indicates that a member can attend a specific session.

- **Leads:**
  - Connects Session and Coach.
  - Indicates that a coach leads a specific session.

ER Diagram