

ER Diagram Workshop - FlexiFit Gym

Entity List

Member: MemberID (PK), Name, MembershipType, StartDate, ContactInfo

Program: ProgramID (PK), ProgramName, Schedule, Duration

Trainer: TrainerID (PK), Name, Specialization, ContactInfo

Session: SessionID (PK), SessionDate, SessionTime, Type

Attendance: AttendanceID (PK), Status, CheckInTime

Payment: PaymentID (PK), PaymentDate, Amount, PaymentType

Relationship Documentation

Member – Program: M:N (via MemberProgram)

Program – Trainer: M:N (via ProgramTrainer)

Member – Trainer: M:N (via Session)

Session – Attendance: 1:N

Member – Payment: 1:N

Session – Payment: 1:N

Assumptions

- Membership fees are paid once at the start or periodically.
- Programs are predefined (Yoga, Zumba, Weight Training, etc.).
- A member can participate in multiple programs simultaneously.
- Attendance is tracked per session.
- Personal training sessions are booked separately.

ER Diagram

