Mapping Table

Requirement	Assumption	Representation
Administrative Staff should be equipped with features to manage room bookings	Room bookings are only needed for group sessions, personal ones can happen in general space	Room is only a part of Group Session
Billing and Payment Processing	Card payments are assumed to be dealt with elsewhere, we only charge based on hours of sessions + membership	Payments not present in diagram

Datapoints

datapoint_id
goal_id
member_id
value
created_at

Members

member_id
name
height

PersonalSessions

session_id
member_id
trainer_id
start_date
end_date

Trainers

trainer_id
name

Availability

availability_id
trainer_id
start_date
end_date

GroupBooking

member_id
session_id

GroupSessions

session_id
session_name
room_id
start_time
end_time

Rooms

room_id
room_name

Equipment

equipment_id
name
last_maintained_date
maintenance_frequency
maintenance_task_
description