

COMP 3005 PROJECT

Health and Fitness Club Management System

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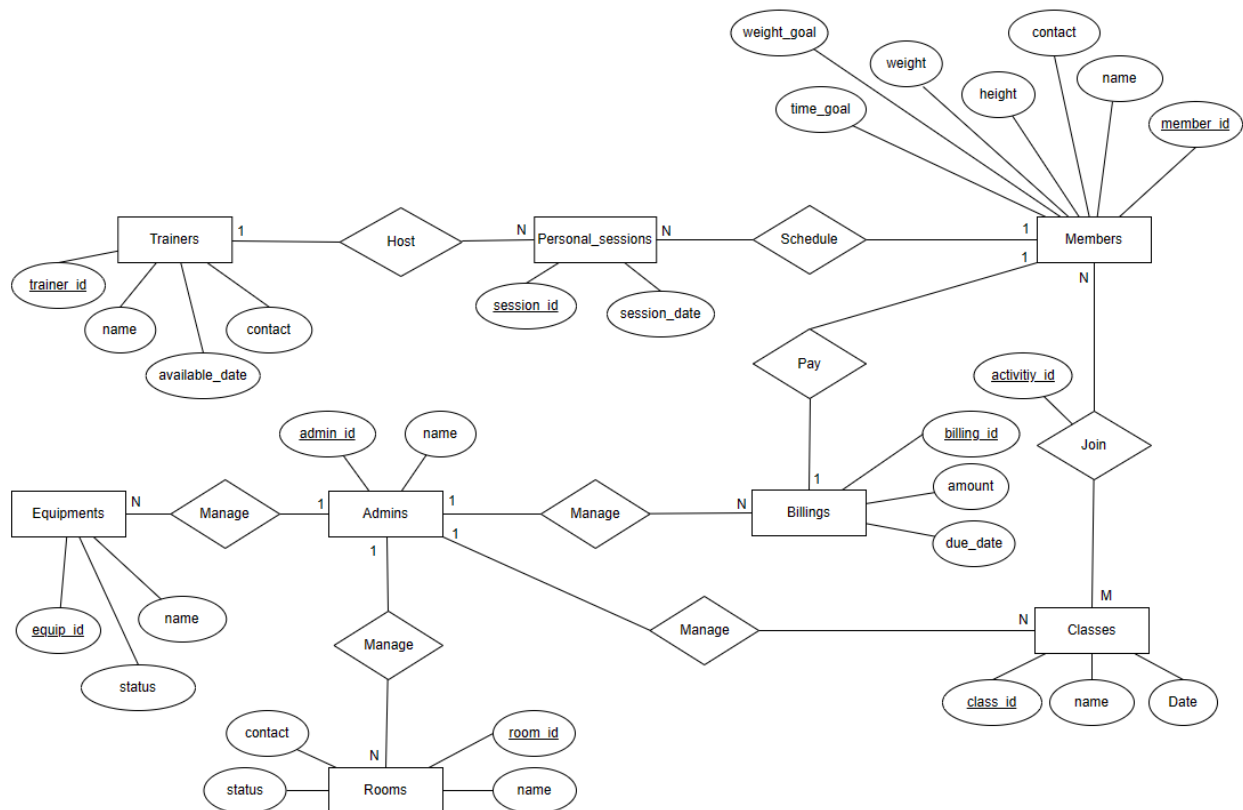
REPORT

2.1. Conceptual design

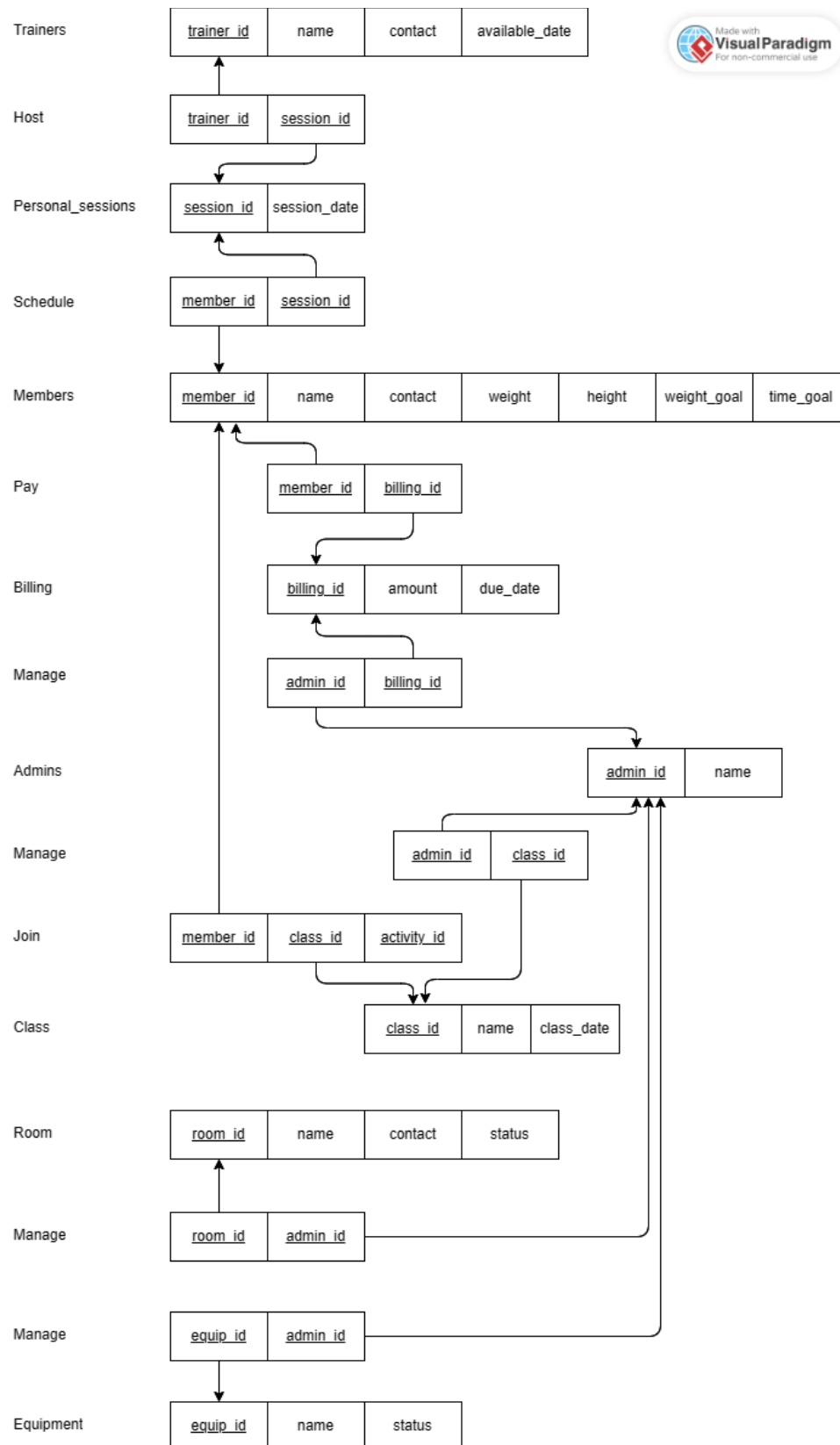
Assumptions:

- Personal session is 1-on-1 session with one trainer and one member.

ER-diagram:



2.2. Reduction to Relation Schemas



2.3. YouTube link: https://youtu.be/0T7_Oes0Aq8

2.4. GitHub link: <https://github.com/huynhnancy/HealthFitnessManagement>

2.5. Instructions:

Follow the instructions in the Command-Line Interface:

1. Member: Register, Update, Delete, Display profile, Schedule Personal Session, Reschedule Personal session, Cancel Personal Session, Register for Group Classes
2. Trainer: Register, Update new availability, Delete account, View member profile by name
3. Admin: View all information including members, trainers, admins, rooms, equipment, classes, billings, personal sessions, Room booking, Equipment tracking, Class Schedule Updating, Billing and payment processing
4. Exit: exit the application

It can check either the room is available to book and the trainer is available to book or not.