Final Project

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Submitted to:

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COMP 3005 - Database Management Systems

School of Computer Science
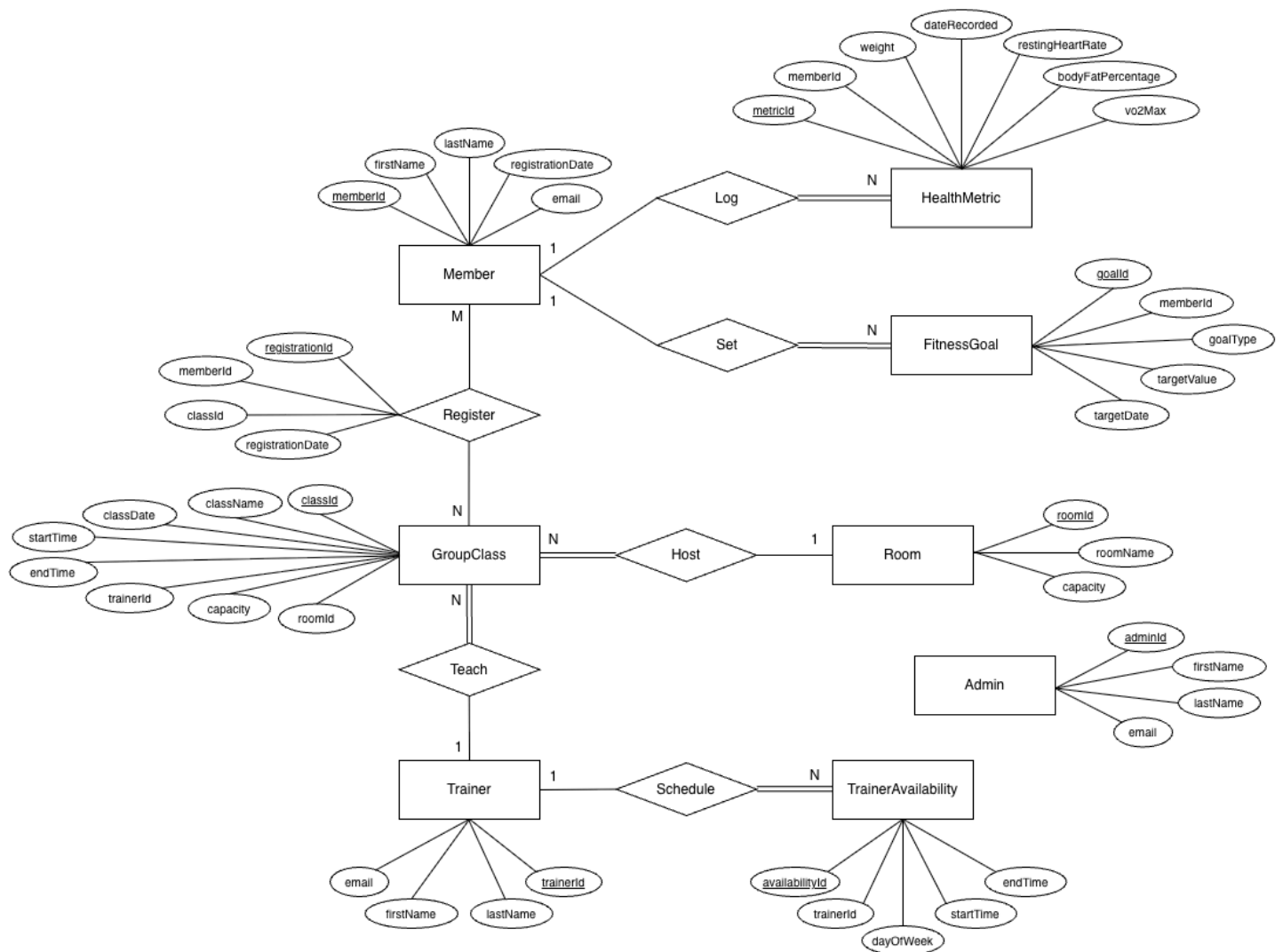
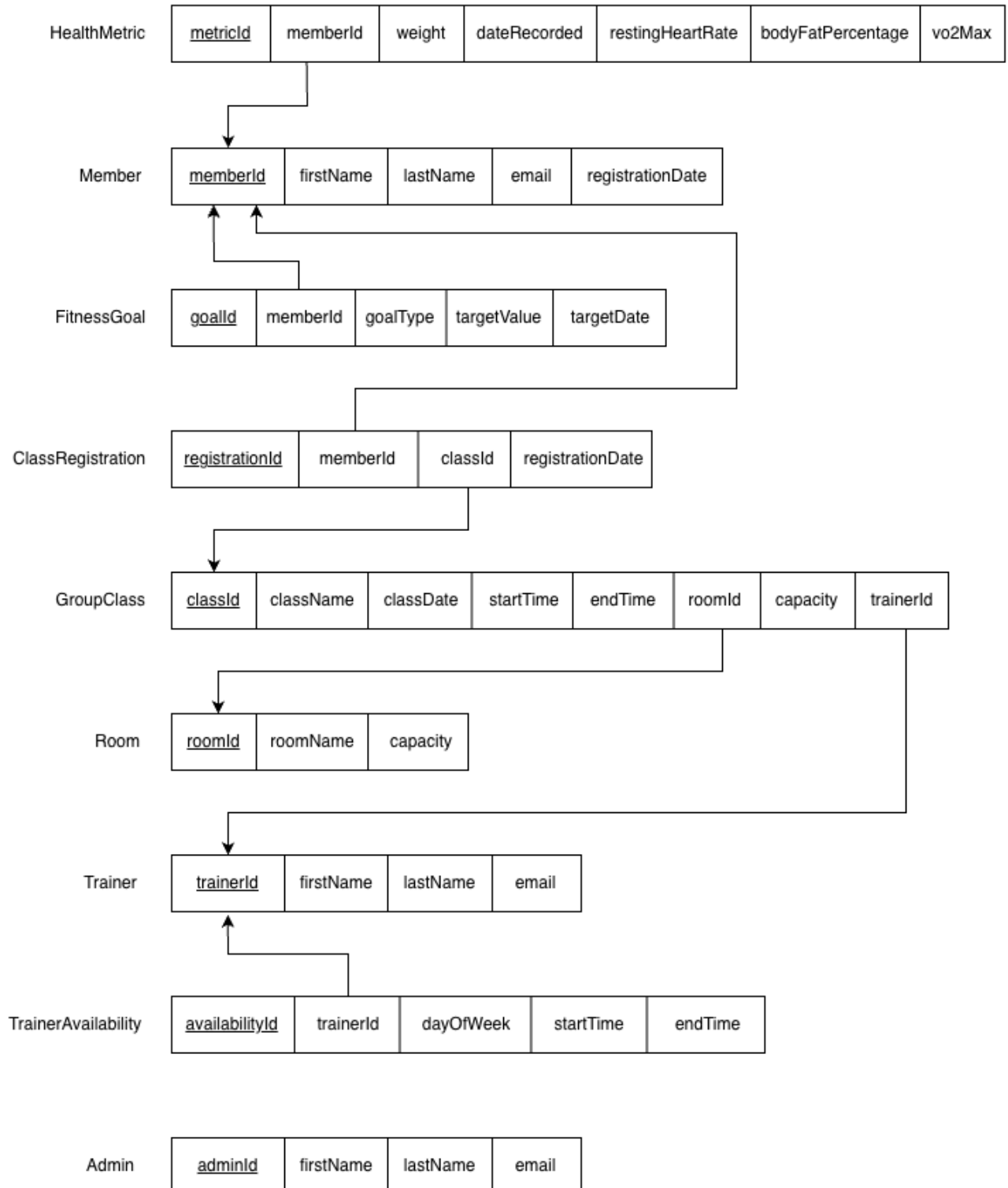Carleton University

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1.   ER Model

2. Relational Schema Diagram

HealthMetric | metricId | memberId | weight | dateRecorded | restingHeartRate | bodyFatPercentage | vo2Max

Member | memberId | firstName | lastName | email | registrationDate

FitnessGoal | goalId | memberId | goalType | targetValue | targetDate

ClassRegistration | registrationId | memberId | classId | registrationDate

GroupClass | classId | className | classDate | startTime | endTime | roomId | capacity | trainerId

Room | roomId | roomName | capacity

Trainer | trainerId | firstName | lastName | email

TrainerAvailability | availabilityId | trainerId | dayOfWeek | startTime | endTime

Admin | adminId | firstName | lastName | email

3.   Demo Video Link

The video demonstrating the whole project is an unlisted YouTube video and can be found at:

https://youtu.be/Y7Yt0YvT-3Y