Entities

Client: People who select a trainer and subscribe to that trainer from the application via their credit cards.

Trainer: People who are selected and subscribied by clients and assigns a training program to their client's.

Training Program: A workout given for the client

Training session:

Dietician: People who give a meal-plan to the client

Diet Program: The meal-plan which dietician gives to the client

Gym: Place where clients works out

Trainer Finder Application: The application which makes clients find a trainer

App Admin: Administirator of the app who is responsible from the app

Workout videos: Videos about some exercises at the app for clients to help them

Subscription: The entity which contains all the act of subscription which a client does for having training sessions with a selected trainer

Attributes

Client: Application account, application account client id, name, age, gender, weight, health status, training background, subscribed trainer, credit card

Trainer: Application account, application account trainer id, name, age, gender, weight, health status, mothertongue, experience, subscribied clients, written training programs, price

Training Program: Exercises, repetition and set amount of exercises, name of the program which indicates that who wrote this program for who

Training session: Starting and ending time, the name of the trainer and client who had that session, the class of the session

Dietician: Name, age, background, experience, degree of profession, Application account, application account dietician id, client name

Diet Program: Meals, time period of the meals to be eaten, name of the dietician who had written the program and the name of client which the program had been written for

Gym: Weights, machines, strecthing bands, medical equipents, address, staff, trainers, dieticians

Trainer Finder Application: name, Platforms which this application is available at, category of the app, price of the app, Publisher of the app, owner of the app

App Admin: Tasks, position

Workout videos: Name of video, name of the Publisher, view count, publish date

Subscription: Subscription start and end date, subscription fee, subscription id, subscription details

Relations

This is an app of a Gym and the app takes all the necesary datas from the database.

From the app, Clients can subscribe to as many trainers as they can, but all clients must be subscribed to at least a trainer, meanwhile a trainer doesn't have to be assigned to any clients.

After subscribed to a trainer (1 trainer is enough), clients can access all the workout videos at the app

App Admin assigns a dietician to the client

Trainers assign as many training programs as they can to their clients

Clients go the Gym (the app only belongs to a one gym) to workout

At the Gym, trainer/trainers of the clients help the client to work out (clients who does not have a trainer aren't allowed to work out)

Clients have to go to the room of their dietician at the end of the each session. Because unlike the trainers, dieticians must see their clients face to face to assign meal-plan/meal-plans in the healthiest way