IRON PULSE FITNESS

Final Project Database System F–6

IRON PULSE FITNESS

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GET IN TOUCH WITH US

Iron Pulse Fitness is an implementation of a GYM membership system that will be developed as a web application. The components of Iron Pulse Fitness consist of customers, courses, and admins. We provide various GYM classes with professional personal trainers.

WHAT WE OFFERS?

Iron Pulse Fitness offers several professional classes such as:

1. HIIT
2. YOGA
3. ZUMBA
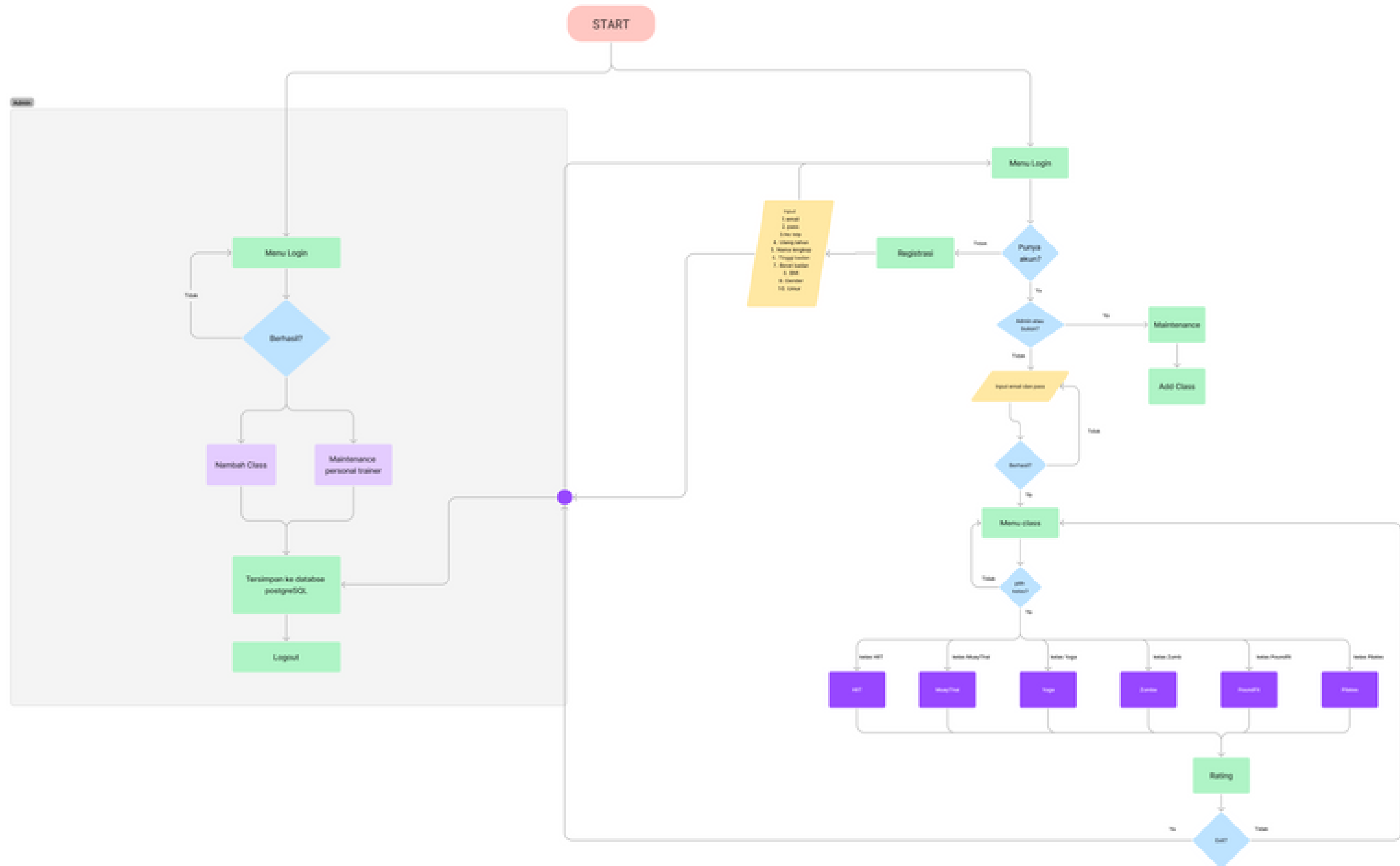4. MUAY THAI
5. PILATES
6. POUND FIT

OUR FEATURES

1 Login and Register

2 Login has two types: admin login and member login

3 Users have the ability to rate personal trainers

4 User passwords are already encrypted.

Flowchart

OUR DATABASE COMPONENTS

here are some tables we use in our database:

ACCOUNT

user_id	SERIAL
name	VARCHAR(255)
email	VARCHAR(255)
pass	VARCHAR(255)
phone	VARCHAR(20)
bdate	DATE
age	INTEGER
weight	FLOAT
height	FLOAT
bmi	FLOAT
gender	gender_enum
admin_priv	BOOLEAN
accountimg_url	text

PERSONAL_TRAINERS

personal_trainer_id	SERIAL
name	VARCHAR(50)
gender	gender_enum
accountimg_url	text
rating_sum	INTEGER
rate_count	INTEGER

PERSONAL_TRAINERS

class_id	SERIAL
duration	INTEGER
personal_trainer_id	INT
difficulty	difficulty_enum
calorie	INTEGER
workout	workout_type
pt_name	VARCHAR(255)
capacity	integer
booked	integer

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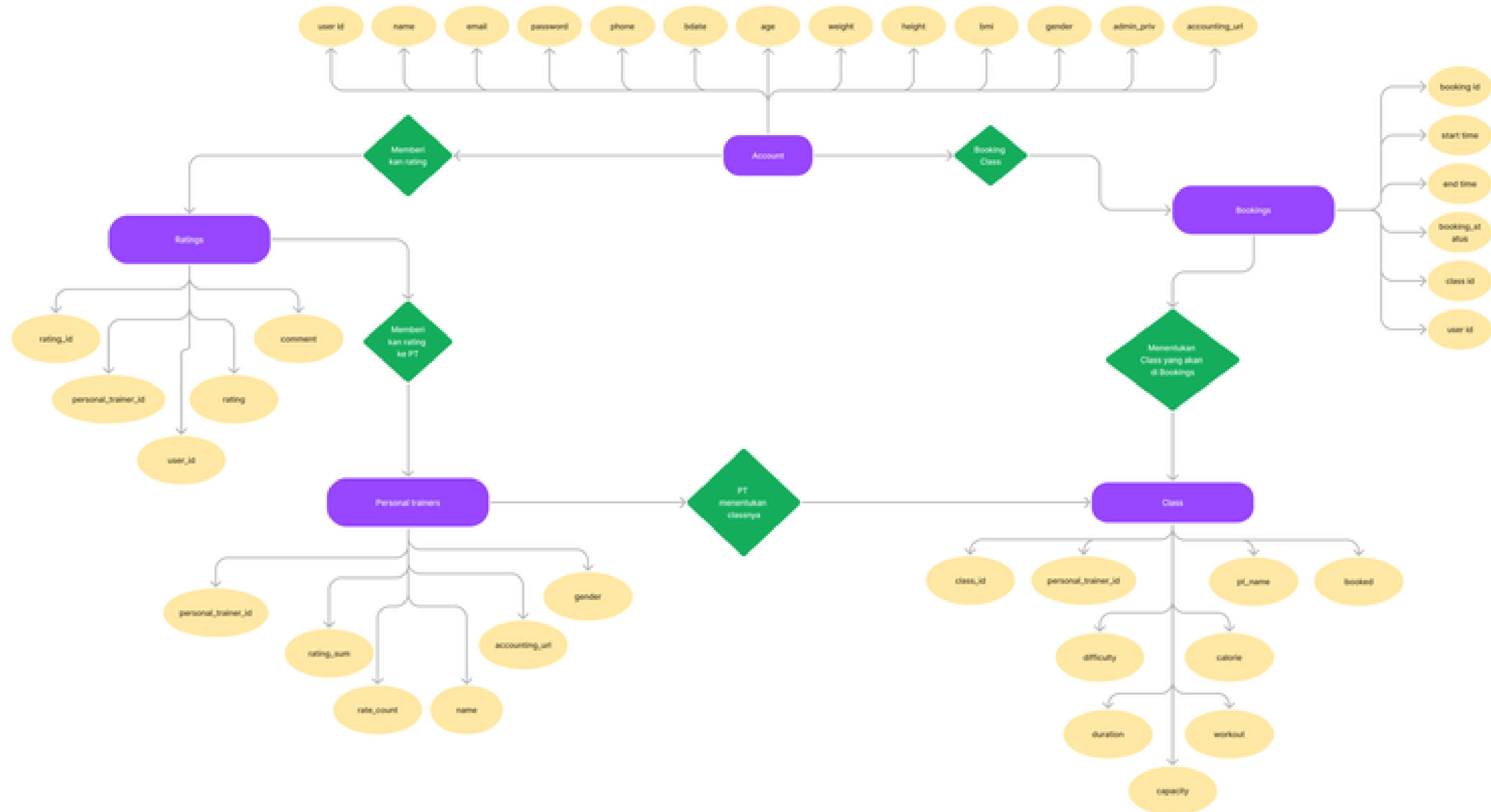
BOOKINGS

booking_id	SERIAL
start_time	timestamp
end_time	timestamp
class_id	INT
user_id	INT
booking_status	booking_enum

RATINGS

rating_id	SERIAL
personal_trainer_id	INT
user_id	INT
rating	FLOAT
comment	TEXT

Table Relational

THANK YOU