





# ***IRON PULSE FITNESS***

Final Project Database System F-6





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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**



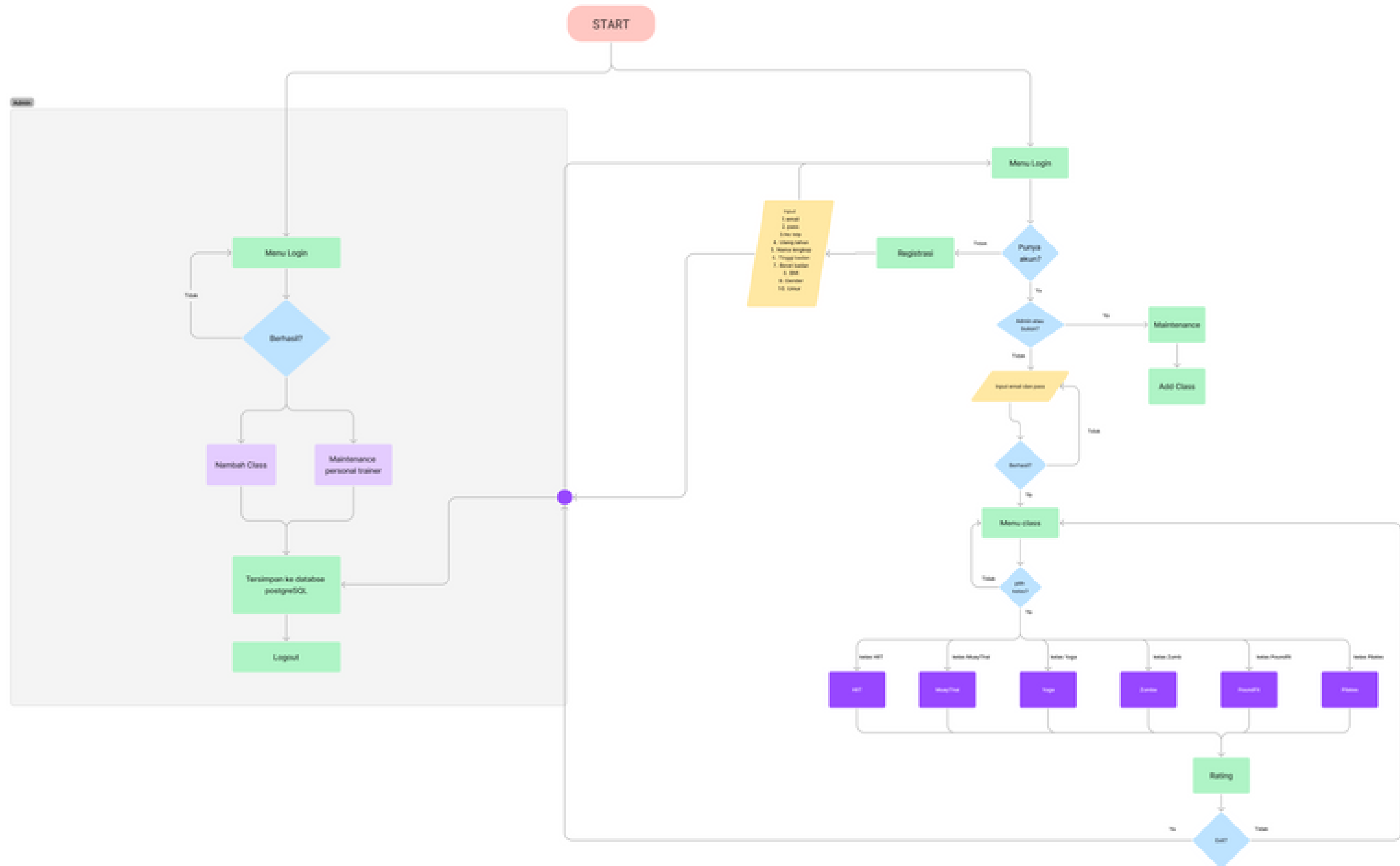


# ***OUR FEATURES***

- 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
accounting_url	text

## PERSONAL\_TRAINERS

personal_trainer_id	SERIAL
name	VARCHAR(50)
gender	gender_enum
accounting_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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# ***OUR DATABASE COMPONENTS***

here are some tables we use in our database:

## ***BOOKINGS***

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

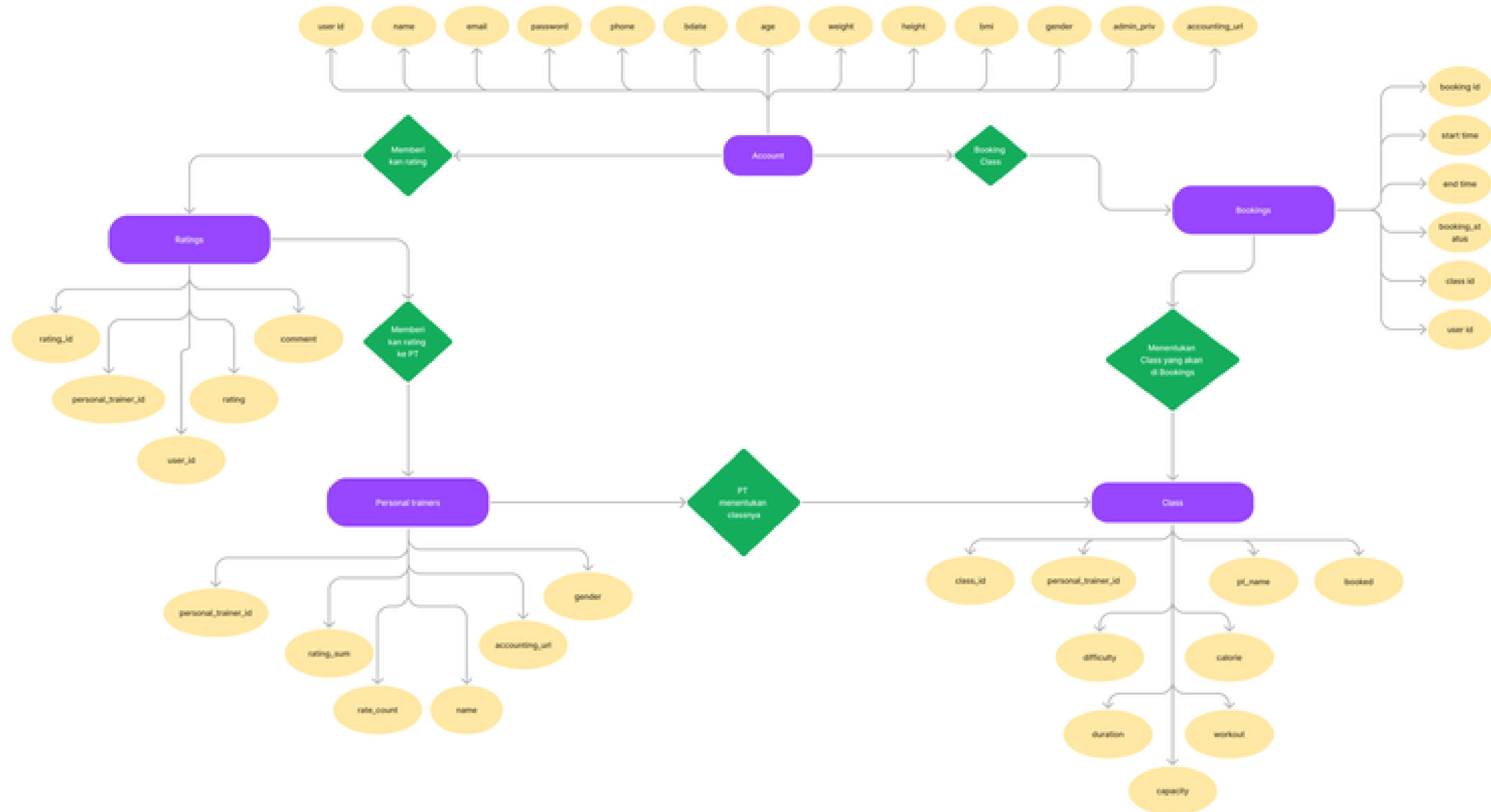
## ***RATINGS***

rating_id	SERIAL
personal_trainer_id	INT
user_id	INT
rating	FLOAT
comment	TEXT





# Table Relational



***THANK YOU***

# BUKTI DISKUSI

