

## 2.1 Conceptual Design

Assumptions:

- Each personal training are one-to-one

I followed a similar approach as current gym for billing issues . I assume instead of having the user paying for each classes they partake , they just pay a fee that the gym admin will just charge their bank out (sendng invoice). The other design decision was based on my current knowledge of gym system.

## 2.6 Bonus feature

Some feature that I believe that was added that wasn't required are:

- For searching a member , if the trainer doesnt provide the full name , the system will give them the first user with the current letter in their name in ascending order( e.g, The trainer types j in the search bar, the first person that would appear will Janet)
- For user authentication, I've implemented a crucial algorithm. This algorithm checks whether the username entered is unique. If it's not, the system will inform the user before the session ends, ensuring the security and integrity of the system.