Gym

A local gym has asked you to build a piece of software to help them to manage memberships, and register members for classes.

MVP

* The app should allow the gym to create and edit Members
* The app should allow the gym to create and edit Classes
* The app should allow the gym to book members on specific classes
* The app should show a list of all upcoming classes
* The app should show all members that are booked in for a particular class

Inspired By

* Glofox, Pike13

Possible Extensions

* Classes could have a maximum capacity, and users can only be added while there is space remaining.
* The gym could be able to give its members Premium or Standard membership. Standard members can only be signed up for classes during off-peak hours.
* The Gym could mark members and classes as active/deactivated. Deactivated members/classes will not appear when creating bookings.

**STRUCTURE**

* There is a gym
* Customers:
  + Can access many classes
  + id
  + name
  + (membership type)
  + (membership status)
* Gym Classes:
  + Can be accessed by many customers
  + id
  + name (XL STRENGTH, catchy names)
  + type (strength, extreme, Olympic..)
  + date
  + Start time
  + Duration or End time
  + (repeats)
  + (instructor)
* The Customers and Classes DB will be Joined as we have a Many to Many relationship
  + name = bookings
  + customer\_id
  + class\_id
  + (date of class) -> incase we want to limit some users to one class a day, some other parameters for so many sessions per month