

Coding Conceptualization

Leaderboard:

To make the leaderboard in our app:

1. First get the geological location of all our users (with google play permissions settings)
2. Second we need to collect information about the most a person has lifted/the longest a person went without ever not going into the gym, and the longest stress workout intervals a person went through. This will be through a video insert format.
3. Using this data we plot it into a leaderboard with a bunch of others within a local area, nationally and even internationally
4. And using a quick sort algorithm we can sort by name and the best gym accomplishments.
5. The user can also opt out of the actual leaderboard, by using the opt out button on the leaderboard settings.
6. We will output this information via a table, this table will similar to a scroll table

Explain the Architecture of your app:

This leaderboard code occurs when the user chooses the leaderboard option on the app. So When the user logins and wants to see the leaderboard, from the main menu, the user just has to tap on the leaderboard button on the main menu app, and they get to see it. And while the user is there they can interact with the leaderboard in multiple ways, such as sorting it based on names alphabetically, or sorting based on highest achievements or by area. The leaderboard code will end when the user wants to go back, to the main menu or even exit the app. These starting points are optimal as it helps reduce the amount of confusion that might come up when navigating the app.