Iteration 1 Worksheet

Adding a feature

It was during one of our first group meetings that we decided our first feature. For our app Thrive we needed make sure for the first iteration that everything went smoothly, so we decided that a “workout suggestion” feature would be a good start as it would be straight forward to implement. The feature was coded in by most of the group members however some worked on the display part of the project etc.

Exceptional code

(Note: You must be signed into Gitlab for the link to work)

<https://code.cs.umanitoba.ca/3350-winter-2021-a02/thrive/-/commit/16952a112d9ae0caf69bc1cdc45de82b56d34cdb#328091f14f1bcab81af6de76dcf15b07daf71bef>

Directory location

app/src/main/java/com/example/comp3350/RegisterActivity.java

Lines 66, 76 and 86

These exceptional codes test whether numeric values for age, weight, and height are successfully converted to and integer after being entered in by our client. Since when the client originally enters this information it is a string variable so the parseInt() should be successful each time they are called as there should not be an issue with that type of conversion using parseInt(). However, ensuring that the information was correctly retrieved from our clients before being stored we needed to ensure it was in the correct format.

Branching

Solid

For our group we need to find a SOLID violation in group 5. Here is a link to the created issue. https://code.cs.umanitoba.ca/3350-winter-2021-a02/group5/-/issues/64

Agile Planning

For Iteration 1 we did not have any plans change. The reason for this was that when we planned out iteration 1 we wanted to ensure that it was completed without any issues which is why we specifically made sure to choose features that would be straight forward to implement. We understood that for this iteration we would have a little extra work figuring out coding in Android studio along with the starting point of the interface, so we decided to not overwhelm ourselves with the features we implemented. There are no links provided to any changed or pushed user stories or features as we did not have any.