Code Review

As a group we inspected the useraccount class. We followed the various steps of the Inspection process (Overview, Preparation, Inspection, Rework and Follow-up). We had the code accessible to everyone over the weekend to satisfy the Overview step. As for the Preparation each one of us went through the code individually and made a list of faults they found. During the inspection stage all of us collectively walked through the code segment and brought up the errors we spotted while preparing. There were a few errors that showed up when we were working collectively as well. One of us combined all the errors in an excel sheet that stated what the error was who was assigned to fix it. This excel sheet was then circulated among all the team members so the errors were available to everyone. Everyone worked on the errors they were responsible for and we regrouped for a follow up in 2 days and collectively made sure all the errors were fixed.

The first bug we found was that the add new goal button would not work as it was not linked to the fxml page. We had missed out on linking the actual button and its functionality. This error was assigned to Alex to be fixed. The solution that helped solve this bug was to create an fx id for the button and linking it to the functionality while doing that.

The next error that was found was that there was no check on the dates that were being input. The function should have checked that all input was provided to input the date. If that was not the case the function should have thrown an error but that did not happen. This could have led to inclusion of invalid input. This error was assigned to Ben to be fixed. The solution to this error was to add a check on the date that would return a true and this condition combined with the other conditions would give us a fool proof check.

Another bug that was found was there was a tag for an input bar that would need an input for a goal amount but actually had Price written in it. This was a minor error, but needed to be fixed so the UI would make sense. This change was assigned to Bolu. To fix this bug the tag on the input bar had to be changed.

There were a bunch of semicolons missing in this section of code. The errors could have caused a bunch of compilation errors when trying to run the code. It would have been difficult to locate these missing semicolons if we had not gone through the entire code finding out the location of these missing semicolons would have taken way too long. The identification and fixing of all these semicolons was to assigned to Carla. To fix this error the entire code was relooked at and all missing semicolons were fixed.

Having extra import statements was not necessarily a bug but we also missed out on a few of these imports. Missing these import statements would have cause a few functionalities to not work and throw up errors. This bug was assigned to Jowaki to fix. To fix this bug any libraries that might have been needed were added by going through the code and looking for any functions that were not accounted for. Any missing library was added to the list.

**Screenshot of the excel where the bugs were recorded:**