Matt Lee

CS 499

September 20, 2020

Milestone Two

The artifact that I am going to enhance for milestone two is the final project for CS 360. We created an app that allowed a user to track their weight based on the information they input. Firstly, the user would have to log into the program or sign up to the program if they did not already have an account. All this information in stored inside a database that the app uses to check if the user already exists. Once the user logs into the app they would then come to a screen that would display the weights they have previously into the app. It would also allow them to add new weights whenever they wanted, as well as delete and update previous entries. Again, all this information would be stored inside a database that would be connected to their profile. This app was first created at the beginning of April 2020 and was completed for submission in June of 2020.

I am including this artifact into my ePortfolio is because this is an app that I am proud of creating it was a challenge to create because I haven’t used much Kotlin so having to learn that while also trying to create this assignment was fun. As well as I believe the entire artifact showcases my skills in programming because it is a multifile program with different objects that are all connected. It also contains many different types of variables as well as classes inside the program. For the specific component of this artifact I am going to showcase I want to showcase my skills in software design and engineering. To showcase these skills I will be adding comments throughout the code and making sure that the formatting of the code is constant throughout the program. By creating comments, it will improve the artifact as it will allow outside parties to understand what each section of the code is accomplishing.

As for meeting the objectives that I planned I feel that I have meet them with the adding comments to the code as well as making sure the formatting is correct. My plan in Module One was to do a code review then add the comments to the code as well as check the formatting. Once those were finished, I planned to review the comments and make sure they describe exactly what the code was doing.

As for my process of enhancing the code, I went section by section and added comments to the code that I felt would help improve the person attempting to try and understand the code. Once that was done, I double checked the comments and made sure I was not missing anything to help improve it anymore. One thing I learned was how important comments are even for the person who created the code because there were moments were I wasn’t quite sure of what the code was trying to do and really had to sit there and think about it for a bit. Which was also the challenge was trying to remember exactly what the code was doing to add comments months after completing the assignment. I also think a challenge that I faced was trying to figure out how long of comments I wanted to put to meet the needs of the line of code.