Enhancement One Narrative - Software Design and Engineering

**Briefly describe the artifact. What is it? When was it created?**

The artifact that I am working on is a Weight Tracker application that was created in CS-360 Mobile Architecture.

**Justify the inclusion of the artifact in your ePortfolio. Why did you select this item? What specific components of the artifact showcase your skills and abilities in software development? How was the artifact improved?**

I chose this artifact as it was one I struggled with the initial creation of and I wanted to show my improvement. With this milestone, I focused on improving the structure and description of the code which I felt I did overall. I also went through the addrecordactivity and weightactivity classes to add additional user feedback, showing feedback on both failed and successful actions.

In addition to making sure the code was structured correctly and had appropriate comments, I decided to improve on the overall user interface of the application. I expanded on the original app and added a better layout that was more appealing, as well as reformatted a couple of the pages.

**Did you meet the course objectives you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?**

Upon reviewing my enhancement checklist, I realized most of the enhancements I had planned were in the software design category, so I did a bit of adjustment and added some additional enhancements I plan to do in the next milestones. I was not entirely sure if I missed the mark on categorizing my enhancements, but I am hoping that I was able to add enough to show improvement throughout this course.

**Reflect on the process of enhancing and modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?**

I learned that I needed to improve significantly with my comments throughout code. I have struggled with remembering to do this in a few classes, but I think this assessment of my artifact has really helped me remember why it is so important. There were certain sections of my code that I did not remember the exact purpose of, but was able to piece together and research the info needed to add proper comments.