Kaetochi Okpukpara

Professor Sherin Aly

CS499

7/20/2025

Milestone Two Narrative

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

My artifact is a weight-tracking mobile app that I coded in CS360 during 2025 C-1 (Jan - Mar).

1. 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 selected this item as it struck me as a project that I could enhance and improve and is one of my best coding projects so far, showing off my coding knowledge. Specific components that showcase my skills and abilities in software development are database functionality, UI/UX skills and Java/XML/Android Studio knowledge. The artifact was improved with the addition of a meal tracker alongside the weight tracker.

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

I met the following course outcomes with this enhancement:

* Design, develop, and deliver professional-quality oral, written, and visual communications that are coherent, technically sound, and appropriately adapted to specific audiences and contexts
* Demonstrate an ability to use well-founded and innovative techniques, skills, and tools in computing practices for the purpose of implementing computer solutions that deliver value and accomplish industry-specific goals (software engineering/design/database)

These were the course outcomes I planned to meet. I plan to meet the other course outcomes in the following weeks of this course.

1. 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 about new Java libraries, like GridLayoutManager, to make my app look more modern. I ran into a few little errors that were quickly fixed, and the challenges of making the app look put together and making the enhancements not look too different from the original app’s contents.