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CS499

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Milestone Three 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. I believe this mobile app is one of my best coding projects so far, as it shows off my coding knowledge gained thus far. 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. This week, I finalized the database functionality.

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 course outcome 3 this week by adding a database for my meal tracker. These were the course outcomes I planned to meet this week, and 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?

This week, I faced more challenges than the previous weeks. Linking the database correctly was difficult, and brought many errors before I finally did things correctly. One error I ran into was that meals were not getting edited in the database when the edit popup was brought up and saved because I had not correctly retrieved meals’ IDs. This week’s experience made me more comfortable with SQLite and gave me knowledge of what errors to prevent in the future.