

Databases

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

The artifact I chose was from the CS 360: Mobile Architecture and Programming course taken in March of 2025. The program was created to help a user keep track of their weight and weight goals. The user has the ability to add their weight, delete weights, and edit/change their goal weight.

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 artifact because I wanted to showcase my ability to improve a previous program's database management. Previously, the program used SQLite to handle user information. Now, it uses MySQL to handle login information.

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?

Yes – this is the outcome I had planned to meet with this enhancement.

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 I need to improve my understanding of API's and MySQL. I had previously believed I had a good grip on the concept but I struggled with connecting the Android Studio project with the PHP.