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The artifact I’m using for Enhancement Two: Software Design/Engineering is my CS-360 Mobile Architecture and Programming Weight Application. This is a full-stack mobile app built for Android devices, and I originally created it during the winter of 2024. I chose this project for my ePortfolio because it touches on several core areas of computer science. It shows that I can handle both front-end and back-end development, and it also integrates a database, highlighting my experience with MySQL and general database design. For this enhancement, my goal was to develop my own algorithm to add more functionality to the app. I implemented a progress-checking algorithm that provides live updates on how close the user is to reaching their goal weight. These dynamic updates give the user an easy way to track their progress and understand whether they’re moving in the right direction. This enhancement took more time than my previous one because it involved more problem-solving and debugging. Through this process, I learned that developers can build nearly anything if they have a clear idea and put in the effort. I didn't face any major issues implementing the algorithm, and I was able to test it thoroughly to ensure it worked as expected.