

3-2 Milestone

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Enhancement One: Software Design and Engineering

Project Description

This is a weight tracking app I created for my Mobile Development class. It helps users record their weight, set fitness goals, and track their progress. I chose to improve this app because it gave me good opportunities to practice important programming skills.

Improvements Made

I made several key upgrades to the app. First, I improved security by adding proper password protection. Now all passwords get encrypted before being stored. Second, I fixed how the app handles data by better organizing the database. This makes sure user information stays safe and properly connected. Finally, I added clearer progress tracking so users can easily see how they're doing.

Skills Demonstrated

Through these changes, I showed that I can implement security features correctly. I proved I understand how to structure databases properly. I also demonstrated my ability to add useful features that improve the user experience. These are all important skills for professional development.

Development Experience

Working on these improvements taught me valuable lessons. I learned security should be considered from the very beginning of a project. I realized how important good database design is. I also discovered how small interface details matter to users. The process helped me become better at solving technical problems while keeping the user in mind.

Future Plans

I want to continue improving this app. Next, I'll focus on making it faster and easier for everyone to use. I also plan to add more helpful features based on user feedback. This project has been great for developing my skills as a well-rounded programmer.