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SNHU | CS499

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Artifact One Refinement

The artifact that has been enhanced for this milestone is a Mobile App I developed as part of the course requirements of CS-360, involving Android Studio development. The application aims to allow users to enter their weight to keep track of their changes in weight on a day-by-day basis. The user can login to a previously crated account or create a new account where they can then sign in with. I wanted to include this artifact in my ePortfolio because it showcases my ability to create an application using Android Studio, a well-known and widely used application to develop numerous android-based apps. It also shows many core aspects of software development with the inclusion of a local room database, xml layouts and a Java based backend.

For this project, my intent was to meet course-outcome #4: 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. The enhancement I was able to make was to provide the user feedback when creating or logging in to an account. There is now a brief pop-up that will notify the user if they are able to login with their username and password or if they have created a new account. This visual feedback will aid the user and hopefully prevent confusion when creating new accounts or attempting to login into an account using a username and password that doesn’t exist within the system. I feel that I have been able to meet this course’s outcome by making this enhancement.

In my reflection, most of my time was spent analyzing my code to refamiliarize myself with its structure and the syntax I formatted everything in. The challenge I faced was reframing the scope of the enhancements that needed to be made to the project. I was too broad with what I suggested initially, and smaller more meaningful changes were implemented instead. Hopefully this meets the intent of the course and its work going forward.