This artifact is an Android application for tracking weight entries. It allows users to add, view, edit, and delete weight entries. The application consists of multiple components, including database management, user interface design, and event handling. It was created for the Mobile App Development class project.

I selected this artifact for inclusion in my ePortfolio because it demonstrates my skills and abilities in the following:

* **Database management:** I implemented SQLite database operations to store and retrieve weight entries.
* **User interface design:** I designed intuitive user interfaces using XML layouts and integrated interactive elements such as buttons and list views.
* **Event handling:** I implemented event listeners to respond to user interactions, such as adding, editing, and deleting weight entries.

The artifact has been improved by incorporating new features, such as inline editing and deleting of weight entries directly from the list view. I have also redone the interface to make it more efficient for users to navigate.

The enhancement aligns with my outcome-coverage plans by reinforcing my proficiency in database management, user interface design, and event handling. I did run into some issues with a layout resource not showing specific buttons, so I modified the code for the edit and delete buttons.

During the process of enhancing and modifying the artifact, I learned the importance of user-centered design and iterative development. Incorporating inline editing functionality required careful consideration of user interaction patterns and interface design. Additionally, I encountered challenges related to efficiently managing database operations and ensuring the smooth integration of new features. Overall, the enhancement process provided valuable insights within software development and the importance of continuous improvement.