The artifact that I used for this enhancement was an event tracking app. I created it when I took Mobile Architecture and Development last fall. It is an app that allows users to keep track of events and their dates. I selected this item because it is one of the most complex projects that I had to choose from. I believed that I would benefit more from working on this project than by working on a simpler one. This app showcases my skills in databases through the way that it handles its database. The database holds the information about the events as well as the users. I improved the artifact by adding a link between these two categories of information. Now every event is only visible to and editable by the user who created the event.

I met the course outcomes that I planned to meet with this enhancement. I do not have any updates to my outcome-coverage plans.

The enhancement turned out to be a very frustrating one. It should have been a fairly straightforward update to the code. However, the app continually crashed or simply did not perform the functions that I was asking it to. Extensive debugging eventually led me to the realization that, while changes had been made to the code creating the database, the actual database had not been updated to reflect the new code. This meant that anything referencing the new field I added to the events table was failing.