

## Milestone 4

I decided to remake my app from the first project for android which i think was very beneficial to understanding how developers work in the real world. There are many parallels between the two platforms that i started to see in doing this project that i think will really help me in the thought and design of the app before i start developing. This is one area that i still struggled in even in this project as once i started developing i need to change the way in which some aspects of the app would work. However i do think i made an improvement from the first project. The next time i develop a big app like this i will definitely spend more time in the prototyping phase so that when i start development i will not have any obstacles. I also used this remake to refine the UI of the app so that it is more user friendly. I did this by simplifying a lot of things so that it is more fluid. Although it still was not perfect every mistake is lesson and i have learned a lot in making those mistakes. In the future i would like to take the work i have already done and keep refining because this is an app i would actually use. Some features that i would have like to have added are another activity for a page that would show all of the line items the user inputs and give them an option to delete entries. A classmate did a similar app that had graphs to give some visual representations. This was a great idea and i would like to, at some point, and something like this. Overall i think the app turned out good but more importantly i learned a lot that will help me in future app development.