**To Do List Application**

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CSC475: Platform Based Development

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**Briefing on the App**

For the week three assignment, I created a To Do List application that allows the user to enter tasks, delete tasks, and set tasks as complete. When the user enters the app, they’re directed to the adapter page titled “todo\_activity”. This page is initially blank. The user adds a new task by selecting the floating action button to the bottom right of the screen. This is where the user enters a new item on the list, then leaves any important notes regarding the task. After the task is entered, the user is then brought back to the initial screen, and the new task is displayed.

**Difficulties**

I struggled a lot with this program. It was my first true app build and first time ever using SQLite. I struggled getting the app to display on my tablet; it kept crashing or not pulling up due to logic errors. Kotlin is the same as Java in many ways, but also different at the same time. Most of the errors in logic I encountered was from not translating Kotlin to Java as far as how I understood each line. Lastly, this build required a lot of classes to get it to work. It was easy to get tangled up in the code, which is what lead to most of the bugs I encountered.

**Skills Acquired.**

It wasn’t all bad. Through several trials and error, I became more comfortable with Android Studio and Kotlin, and I’m now able to navigate the software better. Knowing the different classes, functions, and UI available will be useful in the future. Additionally, I also acquired knowledge on SQLite that will help with all kinds of different projects. Granted, I only have preliminary knowledge on SQL, like steps to building and what all is needed, but code memorization will take some time.

**Screenshots**

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