**CS 360 Module Three Assignment**

Getting the Android Studio project with the correct build and API was not difficult. However, when I first started the application and started building the required elements like the text view, edit text, and button I was slowly learning how to compose a basic layout. For instance, I learned the difference between a linear layout and a constraint layout as I was trying to implement constraints for the button field below the edit text field. Then I removed the constraints and made the layout in a vertical format, while also implementing a gravity attribute that is centered horizontally. I wanted the Say Hello button to be below the edit text field for now so the layout would appear symmetrical. I am still getting familiar with Android Studio’s XML and formatting layouts to appear visually satisfying.

I edited the TextView to be centered horizontally with the layout\_marginTop field set to only 30dp, as there is no text for now, I will most likely modify this in future assignments. The EditText child field is below the TextGreeting child for now until text is included. I also made the EditText child centered horizontally with the marginTop at 50dp. Lastly, I added the button to Say Hello with the marginTop set to 50dp. As of now the layout is very simplistic and future attributes and a MainActivity class will be added to add more functionality to the layout and app.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated