

Location Lab

What Project I Chose:

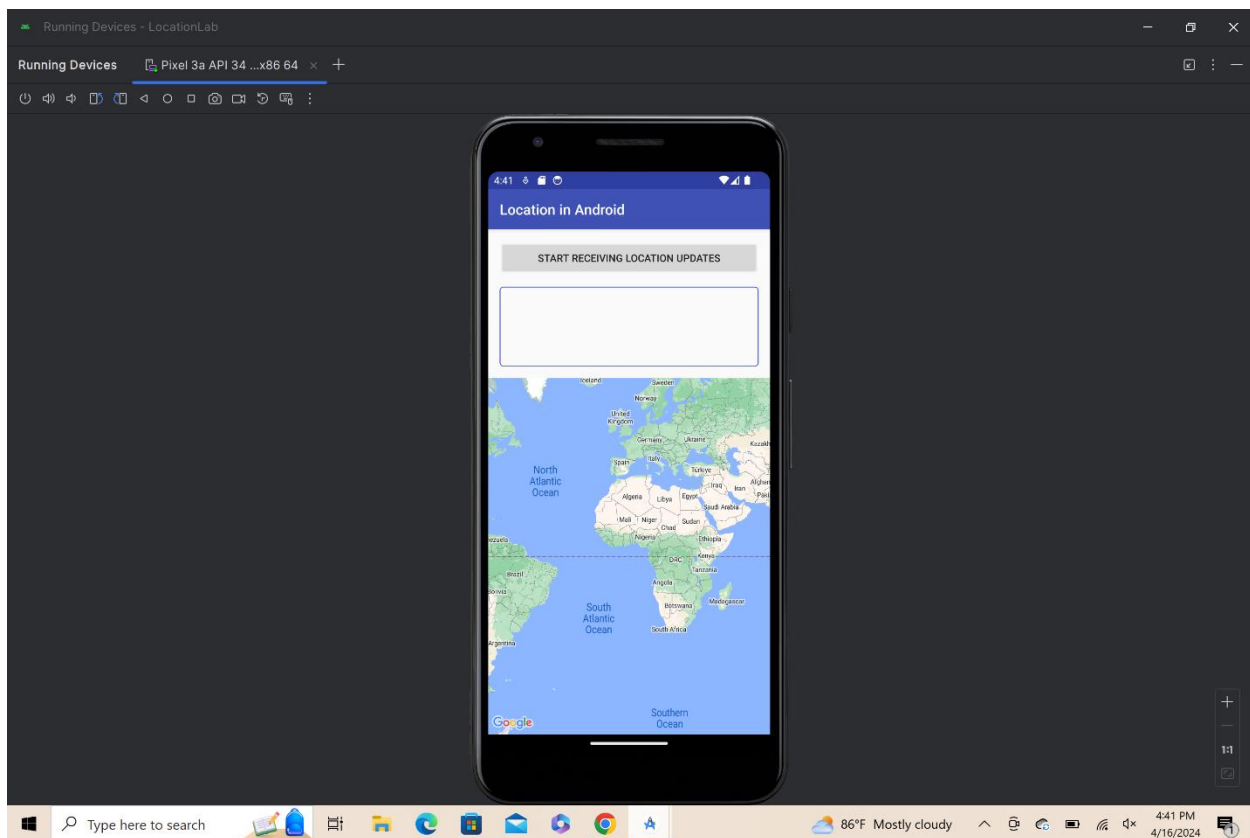
The project I chose was to make the map display location. I decided on this project because completing it would give me a good knowledge of how to use the Google Maps function in Android Studio.

How My Project Works:

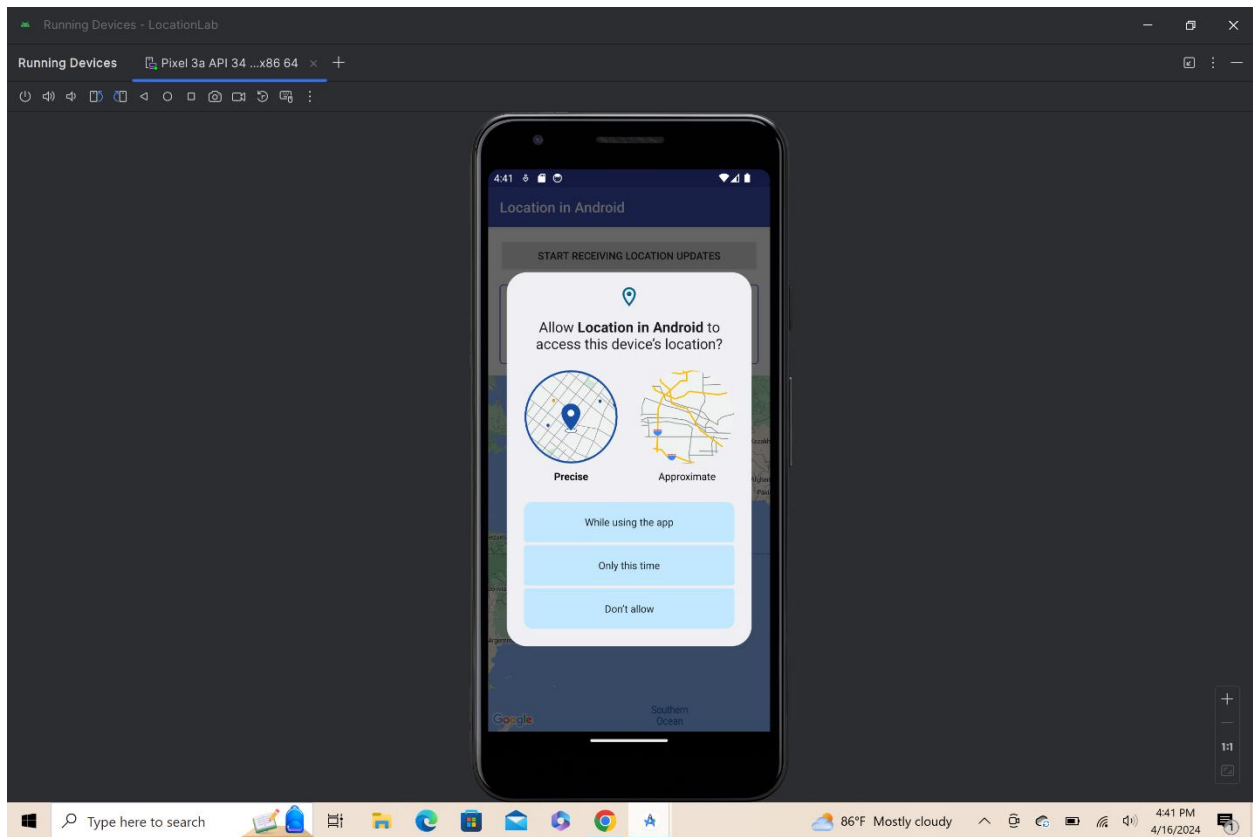
My project takes the original concept and adds a map that will show the user their location. Upon starting the app and giving permission for the app to use location, you are taken to the main screen. On this screen, the user can turn on the location tracker. Once the location tracker is activated, the user will be able to see its coordinates and its location on a Google Map.

More info in the following screenshots:

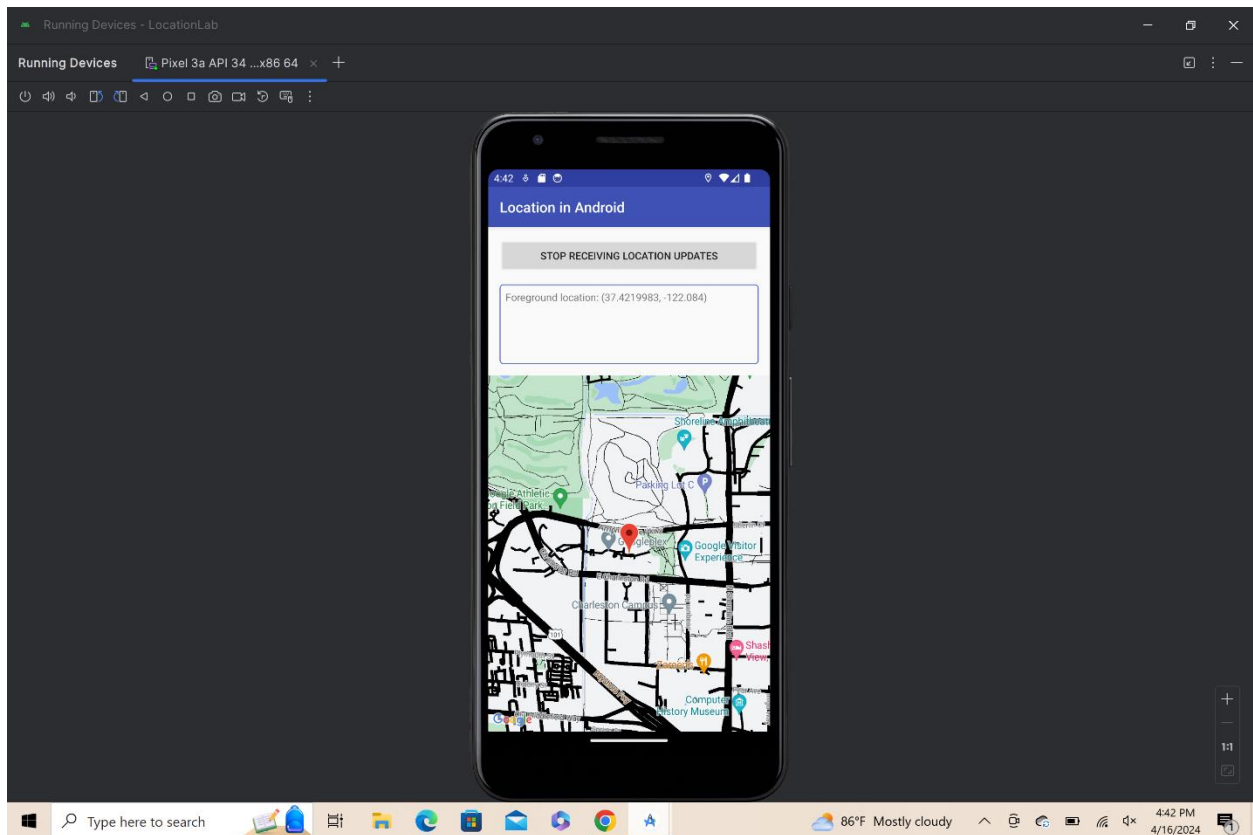
This screenshot shows what the app will look like on first launch.



This screenshot shows what happens first when you attempt to get the location. It needs permission to get it.



The final screenshot shows how the app looks when it is running.



What Did I Learn:

During the creation of this app, I learned a lot about how to use the Google Maps function in Kotlin. I also gained more insight on troubleshooting with the emulators. Along with that, I learned about how to get an API key for the Google Maps function.