

Phone Capability Testing Application (Platform: Android)

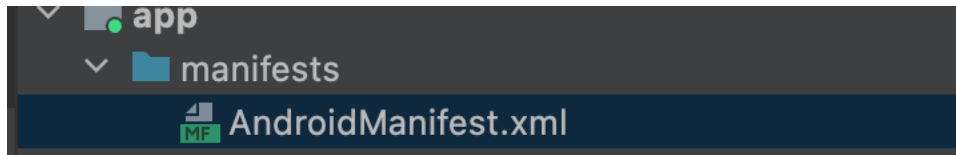
Developer Guide

This guide is to help any and all prospective developers who would like to involve themselves with improving and rebuilding the application or if willing, enhance the user experience.

This guide shall act as an insight exclusively for Android Studio, the IDE exclusively used for building the application.

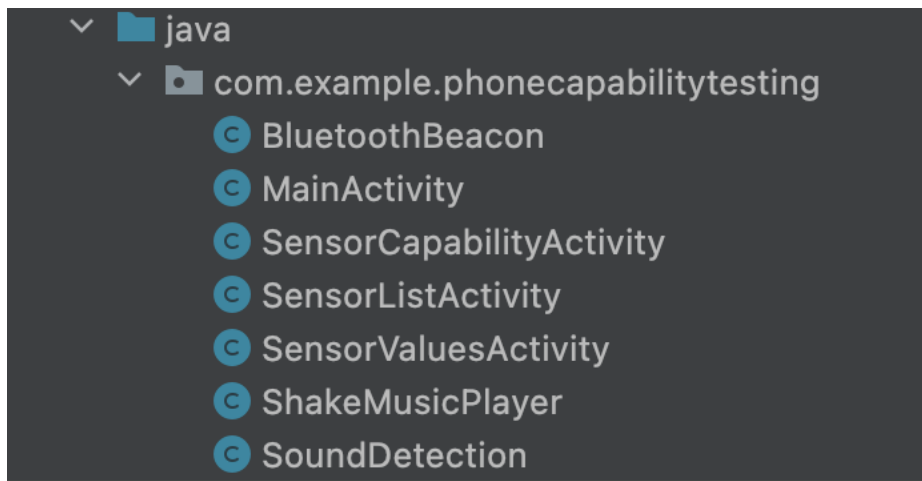
Application Manifest

A manifest contains startup parameters and application defaults. Any changes to the application manifest can be done through accessing the “AndroidManifest.xml” from the folder as seen in the image below.



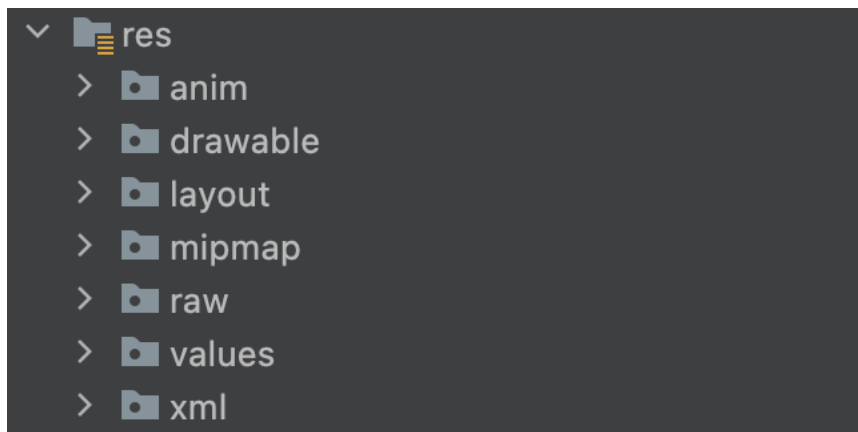
Application Build Files

The core files that help in defining each of the functions and their operability's can be accessed through path in the image below. Here any changes to the code can be made through accessing the Java class files. Additional activities can also be added by creating new class files in the folder from the image.



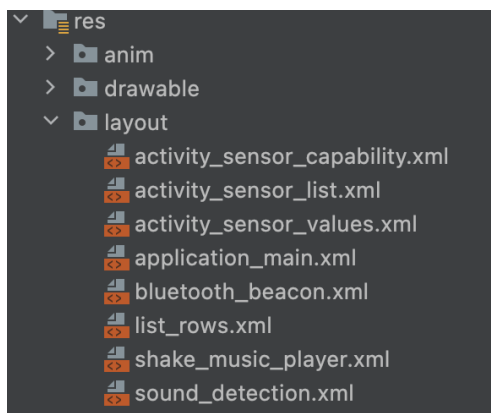
Application Resource Files

The various resource files that are required for the functionality of the application can be found from the folder seen in the image below. Any resources required to be added or accessed can be done through accessing the folder in the image.



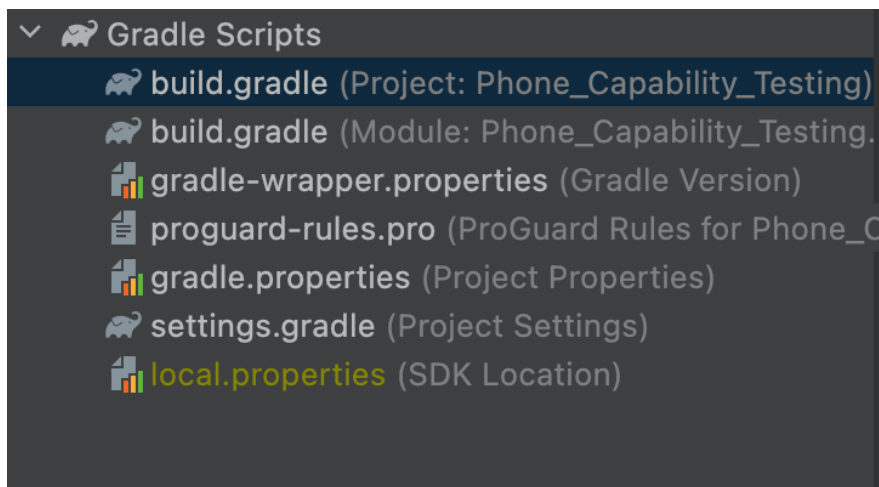
Activity Layout Files

If you wish to change or modify the layout of each of the functions or add new layout for any of the additional functions, you wish to implement into the application can be done through the following folder shown in the image below.



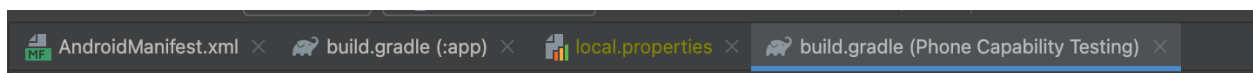
Accessibility Changes, Implementation Imports and Application Properties

If you wish to make changes in terms of accessibility as in the min or max android version or version mapping, optimizing imports, implement resources from the internet and change the properties of the application, it can be done through the folder from the image below.



Opened File Access

When you have multiple files, use the access bar as shown in the image to navigate between different files.



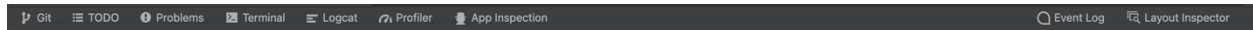
IDE Tool Bar

Access the various functions of the IDE (Android Studio) such as run the program, debug the program, choose the emulator, SDK manager, Gradle sync, settings, application builder, device manager and Git tools through the tool bar as shown in the image below.



Application Run Script

The run script of the application in terms of profiling, inspection, log catalog, problems (bugs), TODO list, event log, layout inspector, and Git logs can be found from the tab as shown in the image below.



Please feel free to reach out to me in regard with any questions or queries you might or will have on prudhvi2911@gmail.com. Any constructive updates and criticism will be readily accepted. Thank you for all the support and help.