CS 402: Android Development

Homework 1

You will construct an Android app, in Kotlin, that fulfills all the requirements listed below. I recommend you choose a topic that closely matches what you plan on for your final app. This is not required, but may help move your final project forward and provide a solid base to build up.

Requirements (3)

1. **3 unique Activities** - At least 3 Activities that are used in the app. The first one may contain a side menu, a bottom navigation bar, a tabbed scroll view, etc, but you will need to launch two other activities.
2. **4 unique UI elements** - Find four different View subclasses (TextView, Button, Slider, ImageView, as examples) and dynamically change them, or have them change another UI element.
3. **Navigation needs to work correctly** - Back button acts appropriately for Android and you're not creating an infinite amount of Activities (Activity finishes)

Notes

Grading

Completing all requirements gives a base score of 4 out of 5 (80%). To achieve a higher score, add additional content, ideas, design or extra detail. The more you add, the higher the potential grade.

Concepts included in your project, but not covered in class, are great ways to add points to your grade. Design is important and can also increase your score, but bad design should certainly be avoided to achieve a higher grade. Feel free to call out any non-obvious, or under the hood enhancements that might not be noticed on a cursory scan of the source code or run through of the application.

Submission

All submissions must be committed to your git repository and shared with BSUMobileDev with email MichaelZiray@BoiseState.edu Projects should compile, run and have all assets required for proper grading.