CS Android Programming: Homework 0: Android Studio Setup

Submission All submissions should be done via github. Refer to the course home page (or piazza) about setting up your github and how to submit assignments. We will post the invitation link for hw0.

Overview This assignment will get you familiar with Android Studio and github, and ensure that you have a working environment.

For most of you, this will likely take less than 15 minutes. However, if you have trouble setting up Android Studio then it could take much longer. Don't wait until the last minute, and please ask for help if you need it.

Directions For this project, you will create an app that displays your EID. Simple as that. You are given a hw0 directory with nothing but a blank README.txt template and a .gitignore file.

Use Android studio to create an empty activity Kotlin project (API 34, minimum API 31) in this directory. Use the "Empty Views Activity" template. (Do NOT use the Empty Activity template). Android Studio will create many files and you will add these to your git repository and push them.

Take a screenshot of your emulator when it is running your app (that displays your eid). We are asking for a screenshot of your emulated phone, NOT of your code. Include this screenshot in your submission in a file called screenshot.png (or screenshot.jpg or any valid image format). It should be in the hw0 directory, along with the files generated by Android Studio.

Please submit all of the files generated by Android Studio. You should be able to enter a new directory, download your repository, and build it within Android Studio. You can test this correctness property yourself, without asking course staff if your push worked. You can also visit github in a web browser and see the latest version of your repository.

Please create a README file in your hw0 directory and add it to your repository. Copy the items listed below into your README file and fill them in. I hope the information they request is self-explanatory. For homework, your collaborator list should be empty, but if you talk to someone deeply about an assignment, just note that in the README. We prefer the file to be named README.txt. But you can call the file README or README.md or anything sensible.

1. Name:
2. EID:
3. Email:
4. How many hours you worked on this assignment:
5. Slip days:
6. Collaborators:
7. AI contributions:
8. Comments:
9. Video demo: None