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CS 5002 Self Assessment
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Individual Contribution

I primarily contributed to the android app. This component allowed us to alert parents when appropriate. Android Studio was new to me and was a challenge at first. Although I'd worked with Java before, adjusting to the mobile platform took some time. I took things very slowly when working on this. I also worked on creating a WiFi access point from the raspberry pi. This was crucial for communicating with the android application. This was done with HostAPD, another piece of new software.

Overall, I learned some basics of mobile app development as well as some information about Linux daemon services. HostAPD runs as a daemon and we eventually created our own service to run the REST API on the raspberry pi. This gave me an understanding of how to create, start, enable, stop and disable linux services through the "systemctl" command.