William Hinard
Group Project Write-Up

My tasks all revolved around the development of the UI. I had the most experience of anyone on the team in that realm, so that combined with my background in Psychology, it made sense for me work on the UI. For the first deliverable, Josh Gelenberg and I were tasked with creating all of the UI-Mockups. To do this, I used a design software called Sketch. It allowed me to create very clean lines, evenly shaped object, and exact relationships of colors. Because of this, I did not run into any problems during this stage.

For the second deliverable, v1.0 of the application, I started turning my UI-Mockups into Android designs. Most of the work I did for this deliverable was pulled from experience from our first project. Most of it was simple TextViews, ImageViews, and various layouts. The main problem I encountered was I did not know the best way to dynamically fill a vertical LinearLayout with multiple pieces of information. In our first project, the ArrayAdapter that I used just had one String which was easy to use. For this project, I had to learn how to create my own adapter to design my own row in a LinearLayout.

For the final deliverable, v2.0 of the application, I finalized all of the UIs, just putting the finish details on some of the displays and removing some of the hardcoded bits. Although just touch ups, I ran into a problem with using @strings for some of the displays. AndroidStudio was glitching and not showing me the error that you need to escape apostrophes in predefined strings in the strings.xml file. So, in my TextView, half of the string was not displaying. After restarting AndroidStudio out of frustration, the error was displayed and I was able to solve my problem.

Overall, I think my group worked exceptionally well together and we completed all of our tasks on time and with great precision. We did not run into any problems working together and I would work with them again.