

## **Tasks Achieved**

What we've mainly achieved in this sprint is the finishing of the research and the framework. All of the difficult implementations, like the menu screen, tips layout, language settings, and formats, have been dealt with. We set up this framework so that we can work on implementing the bulk of the app, the actual pages, texts, and translations, in a modular fashion, expanding the same code to improve modularity and help contain and therefore fix any bugs.

## **What Went Well**

We were able to implement much of the coding framework, which uses all the appropriate libraries, along with modularizing it all. The research and applications of the first part helped us immensely, as now we are set up to implement the pages we need very quickly, essentially, it is a matter of writing the text needed, and implementing a few Android Operating System system calls to allow the app to reach Settings to allow the user to change certain parts of the settings very quickly, using a link from our app. Since we have this framework set up, teamwork will be much easier in the future, as there should be little to no merge conflicts, except involving the extension of the menu and the adding of new pages, which are easy conflicts to resolve.

## **What Could've Been Improved**

While we did our best, to great success, to abstract and modularize everything so we could expand on it in the future instead of reusing the same code. While we did do well on this aspect, we did struggle to have concrete examples for the pages we wanted to implement in the future. While we have the functionality for aspects such as language selection, text-to-speech, and the framework for navigation to different pages down, we have few examples of those things working on an example, which would not be ideal should we need to show this to a client at the end of a sprint or a manager, or in this case, our TA.