**Fulkscord Status Report #2**

Date: May 6, 2021

To: Mr. Fulk

From: Leo Xu, Kaustubh Khulbe, Niranjan Mathirajan

Subject: Status Report #2

Accomplishments: This week, we finished up our Login page along with our Signup page, which now makes real-time database queries to Firebase. We are successfully able to create new users and store them inside our database.

Over the course of this week, Kaustubh was able to successfully integrate Firebase into Fulkscord and our respective Login and Signup activities, which Niranjan and Leo worked on. Furthermore, Niranjan and Leo were able to set up RecyclerViews in preparation for displaying a list of friends for a user, along with messages.

Problems/Risks: This week, we had an immense amount of trouble with ascertaining the cause of why Leo’s application would not send a query to Firebase, only to figure out that the problem was with Leo’s emulator selection. Furthermore, while creating RecyclerViews, Niranjan and Leo had issues with properly configuring the RecyclerView Adapter. Moreover, Kaustubh had problems with proper querying to Firebase, as our initial queries were duplicated.

The following weeks, we may have to test out an agglomeration of emulators to make sure that our app runs properly on all devices and is responsive. This could prove to be a problem if our app doesn’t already run on all devices. Finally, we could have impediments with ScrollView methods.

Next Steps: Next week, we will focus on adding friends and successfully implementing messages in our application. We will aim to leverage the RecyclerViews built this week to make live updates to our users’ messages.