sdmay19-34: Context-Aware Clothing Recommendation
Week 4 Report
October 2 - October 9

Team Members

Ethan Wieczorek — *Lead Developer*
Will Parr — *Communications/Meeting Facilitator*
Christian Ehlen — *Lead Quality Assurance Engineer*
Nicus Hicks — *Head of Report Development*
Tyler Witte — *Software Project Manager*
Nickolaus Eaton — *Hardware/FW Project Manager*

Summary of Progress this Report

Each member this week worked on a deliverable, with the goal of creating the basic framework for the project going forward. In doing so, we've found a number of issues that we've begun fixing and preparing for ahead of time, such as issues running React Native.

Pending Issues

Many of us are having issues with React Native, and a work around has to be found. We will be pursuing a group meeting where we all get NPM and react running on our computers and are all on the same page with the starting application before we each start adding features to the gitlab.

Plans for Upcoming Reporting Period

This week will be taken by preparations, as each of us individually gets to the same point with a baseline app and getting familiar with the Firebase project. By the end of the next week we will have google authentication on the react native side and be able to log in through a google account and have the user's account ID stored in the program's state. We will also have a fully functional weather UI that talks to the Dark Sky weather api.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Ethan Wieczorek	- Received access to and started researching and learning the firebase database system. - Enable google account authentication and registered our application through firebase. - Made a ReactJS web google account login to interface with the firebase authentication system.	6	23.5
Will Parr	- Resolved issues with React Native - Helped with API work - Created a React App for my assigned task	6	25

	• Taught how to install expo differently when having issues • Troubleshooted members issues		
Christian Ehlen	• Installed a Node package for the weather API • Created Toolbar to display the weather	6	17.5
Nicus Hicks	• Created a multi-tab app that receives and displays important weather information. • Got projects running using Expo • Looked into locations service	7	16.5
Tyler Witte	• Set up Firebase Database • Started learning how to implement Firebase and interact with it in applications.	6	17.5
Nickolaus Eaton	• Began learning react native applications for api integration of calendar • Researching how to make decisions based on calendar information	6	17.5

Gitlab Activity Summary

We have our beginning react application in our git repository and will be adding more to it as the next weekly period terminates. Everyone has access to our gitlab and all have the initial starting application.