

CPRE 491 Weekly Report 06

Date:

03/06/2017

Project Title:

Performance Livestock Analytics

Group Number:

DEC1708

Team Members & Roles:

Jacob Johnson - Key Idea Holder

Jeffrey Murray - Key Idea Holder

Michael Rhodas - Team Leader

Rachel Hartman - Communication Leader

Ken Kohl - Webmaster

Client & Advisor:

Dustin Balsley & Prof. Daji Qiao

Weekly Summary

This week we primarily worked on the project design document as well as continued initial development, talked with our client about the use of Firebase, and finally spoke to our advisor to develop a plan of attack over Spring Break.

Past Week Accomplishments

- Jacob: Continued setup of Firebase installation and examined the concept of cocoapods for library encapsulation for iOS projects. Created our initial draft of the project design document and then helped the rest of our team fill in that document before I gave it a final round of review for submission.
- Jeffrey: Continued work on the pdf scraper, added a simple drag and drop gui that allows for a user to drag pdfs to be converted. Not too essential right now, but something that I want to be easy to use for every iteration of the green book. Continued working on the developer tutorial. Worked on the design document.
- Michael: Started making a test app interface. Researched into how firebase works and how to set it up with our pdf scraper's data.
- Rachel: Read and researched how to build iOS applications. Continued to do research on firebase. Worked on the design document. Worked on developing my own starter application.
- Ken: Updated team website. Talked with ISU specialist about using an RFID reader. Worked on a tutorial for IOS development.

Pending Issues

- Jacob: Spring break is a little bit of a wrinkle in our game plan but I'm optimistic we will be able to get a good amount done when we return. Minimum viable product should be just a couple of weeks out.

- Jeffrey: Get into working on something a bit more real than the tutorials for iOS. I plan to use the tutorial as a reference to start working on some basic test features to the application.

- Michael: No current issues.

- Rachel: Catch up on what the team is working.

- Ken: Get a better grasp of IOS development

Individual Contributions

Name	Contributions	Weekly Hours	Cumulative Hours
Jacob	Firebase, Design Document, Trello	2	29
Jeffrey	GUI additions to finished pdf scraper, tutorials, design document	3.5	25
Michael		4	26
Rachel	Research, design document, and tutorial application	3	22
Ken	Research, website, design document, tutorial	2.5	24

Plan for Coming Week

- Jacob: Help get the rest of the team through Firebase and iOS UI tutorials. Possibly start on next sprint task.

- Jeffrey: Gone all week, hoping to get time to work on a test iOS app before coming back from break.

- Michael: Finish a test app over spring break.

- Rachel: Take a job from the Trello board.

- Ken: Not available.

Summary of Advisor Meeting

This week during our advisor meeting we were able to discuss our successes with Firebase thus far and do some recap of the work we have previously done. We also looked through our design plan and identified some strengths and weaknesses there. Finally discussed our current Trello situation, organized our next sprint goals, and finally discussed a timeline to reaching our minimum viable product and the steps it is going to take to get there.