# CPRE 491 Weekly Report 03

Date:
02/12/2017

Project Title:
Performance Livestock Analytics

Group Number:
DEC1708

Team Members & Roles:
Jacob Johnson - Key Idea Holder
Jeffrey Murray - Key Idea Holder

Client & Advisor:
Dane Kuper & Prof. Daji Qiao

Michael Rhodas - Team Leader
Rachel Hartman - Communication Leader
Ken Kohl - Webmaster

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**Weekly Summary**

This week we continued our research into the various iOS development technologies, worked to analyze the feasibility of using the Swift language for our project, met with our project advisor a second time to brainstorm project solidification questions for our client, and setup a meeting with our client for tomorrow morning to finalize our project scope and gain access to the existing code base.

**Past Week Accomplishments**

- Jacob: This week I setup a sandbox git repository and began developing a new iOS application from scratch to gain experience with project setup and application testing with xCode's device emulators.

- Jeffrey: Discussed questions for the client and cleared up some questions we had in general about the project. Continued work on iOS tutorials and learning. Did a bit of research on app design and good examples of applications that are good at this.

- Michael: Met with our advisor to discuss questions to ask the client on Monday.  Learned a little more about developing on an ipad with xCode.  Met with our team to discuss what we learned so far and what to talk about with the client.

- Rachel: Continued to work on getting familiar with xcode and how developing an IOS application. Since we have not meet with client I have been doing some research about application design for when we meet with them.

- Ken: Found that computer I had obtained is too old to be of use in this project. I have since made steps to check out a computer from the university along with attempting to use a virtual computer to develop on. Also did further research on IOS development.

**Pending Issues**

- Jacob: As the team's key idea holder my main difficulty now is the lack of a solidified project scope. However, meeting with our client tomorrow should provide a great deal of insight and get us ready for actual development on the project.

- Jeffrey: Understanding what the client wants for the project and ideally beginning to look through the code that they want migrated to iOS. Getting started with actual development for iOS rather than continued tutorials.

- Michael: Contacting the client has been difficult.  After them missing a meeting Monday morning, we got another rescheduled to 2pm that afternoon.

- Rachel: Figuring out what are project is and what we need to be researching/learning in order to work on our project.

- Ken: Understanding project. Obtaining a computer for IOS development.

**Individual Contributions**

| Name | Contributions | Weekly Hours | Cumulative Hours |
|------|---------------|--------------|------------------|
| Jacob | Project testing and setup/deployment research | 3 | 9 |
| Jeffrey | Research, tutorials | 2 | 8 |
| Michael | Meetings, Research | 4 | 10 |
| Rachel | Research, tutorials, Clent questions | 2 | 10 |
| Ken | | 2.5 | 8.5 |

**Plan for Coming Week**

- Jacob: This week we will meet with our project client and ask him the questions we created in our last advisor meeting. This should give us a better grasp of the product/project goals and provide us the information we need to begin development on the process. Our next steps will likely need to be defining functional goals for the project and beginning to assign goals for our first phase of development.

- Jeffrey: Hopefully after meeting with the client we will have a better picture of what our goal is and we can start the design process for the application as well as get started with the analysis of their existing code for the web application.

- Michael: After meeting with the client, it should be more clear what we will have to design.  We will be able to put our research to use.  Also, we will start the design document.

- Rachel: After meeting with client on Monday I should be able to research design concepts that we could potentially use. Aslo get all of the client's answer to our questions on a document so we refer to it in the future.

- Ken: Find a more permanent solution for Xcode development. Meet with client to learn more about the project and what research/dev we should be doing.

**Summary of Advisor Meeting**

This week during our advisor meeting we came up with a series of questions to ask our project client in our meeting tomorrow morning. These questions will serve to inform our project goals and development timeline moving forward.