

## CPRE 491 Weekly Report 12

Date:

04/17/2017

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

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### Weekly Summary

Started work on our final presentation slides for a run through with our advisor this week. Also met with our client to show off our alpha build which he was very excited about. Received some more detailed vision for next semester and the end goal for the project. Finally spent some time getting the entire team comfortable with the existing alpha code and worked through some navigation refactoring. Final features are going in now for our semester presentation.

### Past Week Accomplishments

- Jacob: Worked on and populated slides for our final presentation. Talked the rest of the team through my alpha contributions and getting everyone up to speed on Swift and iOS development paradigms I was able to figure out through that process.
- Jeffrey: Worked on integration of the barcode-scanning application into the current vet med application. I was able to get the view integrated into the current application, but because the application is a collaborative project, I am unable to put it on to an actual device.
- Michael: For some of the week, I worked on researching more into creating a web service and getting our application switched to a SQL architecture. Worked on creating the firebase connection between the user and their personal medications list.
- Rachel: I worked on navigation for our application. I researched best practices and needed to understand how to create segue to different view screens.
- Ken: Rebuilt the tableView of all the medications along with making it selectable and searchable. Also continued to update the team website.

## Pending Issues

- Jacob: Waiting on a fairly major navigation refactor to be polished up to make sure we are done with our first user story set by the end of the semester. I'm confident, but it will take a full team effort.
- Jeffrey: Looking into the signing issue and determine whether it's possible to actually put the application on my phone without a group development account.
- Michael: No current pending issues.
- Rachel: Working on finishing up navigation issue.
- Ken: Need to update the website along with modifying it display the advisors and clients information.

## Individual Contributions

Name	Contributions	Weekly Hours	Cumulative Hours
Jacob	Code lessons, meetings, and final presentation work	4	67
Jeffrey	Integration of barcode application into main application, research on signing of applications.	5	
Michael	Looked into converting the application to a SQL database. Almost am finished with creating the user based medications lists.	6	44
Rachel	Navigation, changes to segues, remodeling application	4.5	42
Ken	Finished the allmedications screen and worked with the website.	7	46

## Comments

N/A

## Plan for Coming Week

- Jacob: Polish up our project plan and design documents for submission. Help the team complete our final presentation slides and rehearse for that. Make sure our development goals get met by the end of the semester.
- Jeffrey: Continue research on signing issue, otherwise look into changing the application to storing barcodes with created medications. Work on final presentation slides and prepare to present them Wednesday morning.
- Michael: Finish any work still needed to be done on the app. Finish making the connect to user based medication lists. Make slides for the final presentation and prepare for a rehearsal Wednesday morning.
- Rachel: Finish work on navigation. Polish presentation. Work on helping others
- Ken: Get the website ready for the final presentation along with clean code to send data to other screens.

### **Summary of Advisor Meeting**

Talked through the new vision our client provided us. Also talked through possible expansions for the project next semester. Finally, discussed our final presentation expectations and got some guidance on how to present our project.