sdmay18-38: Smart Wireless Ag Sensors for Measurement of Soil Water Contents
Week 10 Report
November 29 - December 5

Team Members
Colin Cox — *Software Development*
Wage Miller — *Circuit Development*
Jarrod Droll — *Sensor Development*
Rachel Hoke — *Sensor Development*
Scott Rowekamp — *Software Development*
Tyler Thumma — *Circuit Development*

Summary of Progress this Report
This week we learned more information about our testing process for when we have a completed product to test. We covered the three different areas of testing that we will be dealing with. First is lab testing to make sure our sensors are calibrated correctly. The second testing is system measurement within the greenhouse to work with overall functionality and communication/data collection of our device. The third part of the testing plan is the testing of the mobile application and the server backend to ensure as few bugs make it to production as possible.

Pending Issues
A pending issue that we can face with testing is timing problems with our set schedule for fabrication to meet our testing requirements.

Plans for Upcoming Reporting Period
Get designs approved by our clients. After our client has selected and approved the plan we plan on ordering parts and the board for the circuit board.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Colin Cox	Software Development	4	35.5
Wage Miller	Created the Testing Plan	4	35
Jarrod Droll	Created the Testing Plan	4	33.5
Rachel Hoke	Created the Testing Plan	4	34
Scott Rowekamp	Created the Testing Plan	4	34
Tyler Thumma	Created the Testing Plan		27.5