sdmay18-15: Building wireless lab space on a college campus
Week 1 Report
September 3 - September 9

Team Members
Alec Sauerbrei — *Curriculum Lead*
Colin Ward — *Communications Manager*
Hope Scheffert — *Documentation Manager*
Omar Taylor — *Software Design Lead*
Tyler Much — *Physical Design Lead*
Dalton Handel — *Networking Lead*

Summary of Progress this Report
Over the past week our team has been getting acquainted with the project and each other. We've spent time researching the different technologies that we will need to leverage in our design such as Software Defined Radios (SDRs) and Faraday Cages. We had a meeting this week in which we discussed the project roles that we would each need to assume, as well as outlined the work that we need to do to prepare for the upcoming presentations in class.

Pending Issues
The presentation slides need to be created, and we need to get familiar with our team website.

Plans for Upcoming Reporting Period
Reach out to Doug and Julie to see if they've received the example design documents from a team from Dakota State which is working on a similar project. We would like to see if we can get our hands on an SDR so we can start to learn how those work.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Alec Sauerbrei	Research on Faraday cages and SDRs. Slide development for presentation.	2.25	2.25
Colin Ward	Research on Faraday cages and other signal blocking techniques. Pricing some existing models of Faraday cages. Created slides and prepared for class presentation.	3	3
Hope Scheffert	Researched Faraday cages, what exactly an SDR is and what Raspberry Pi's are, as I'm not familiar with either of them. Minor work on the presentation. Also set up bare bones of website.	2	2

Omar Taylor	Researched Faraday cages and SDRs. Helped a little with slides.	2	2
Tyler Much	Researched Faraday cages and signal blocking materials.	2	2
Dalton Handel	Researched Faraday cages and SDRs. Thought about how to set up a network.	2	2