

491 Weekly Report 6

Team: Dec15-13
Date: 3/2/2015
Advisor: George Amariuca
Project: Ad Hoc Mobile Network
Members: Cole Cummings (Team Leader)
Holden Rehg
Cody Lougee
Ethan Niemeyer

Summary

This week we spent some time researching iOS applications and specifically the Multipeer connectivity. We believe that it is possible to use this to create a true mesh network. We met with ETG and are going to get admin privileges in the TLA to use XCode, we also are going to try to find a way to dual boot OSX on our machines so that we do not have to use the TLA any time we want to code because that would be inconvenient.

Group Meeting Notes

Checked multiple labs and tested XCode, mostly couldn't find any except in the TLA and we need admin privileges. We found a usb-boot version of OSX but were not able to test it yet. We also looked into Multipeer Connectivity and discussed what we had read on our own. It looks like it will work. We do not have many devices to test on.

Advisor Meeting Notes

We will be able to get some iPads to test our app on. Talked about where we are going to work and who we should contact to get OSX computers set up.

Accomplishments

Found some leads on how we can set up our OSX environment.

Plans For Next Week

Get OSX dual booted. Get XCode running and start playing with iOS applications.

Pending Issues

Still waiting on ETG to grant us access to XCode and also do not have a working alternative to using the TLA yet.

Individual Contribution

Team Member	Hours	Descriptions
Cole Cummings	5	Studied swift and looked into running OSX on Windows.
Holden Rehg	3	Studied swift and ios application architecture.
Cody Lougee	4	Studied swift more and looked for ways to setup OSX for the group (virtualization, dual boot, etc.)
Ethan Niemeyer	4	Studied swift and continued studying DSR.

Total Contribution

Team Member	Hours
Cole Cummings	20
Holden Rehg	19

Cody Lougee	21
Ethan Niemeyer	20