

## 491 Weekly Report 8

**Team:** Dec15-13  
**Date:** 3/23/15  
**Advisor:** George Amariuca  
**Project:** Ad Hoc Mobile Network  
**Members:** Cole Cummings (Team Leader)  
Holden Rehg  
Cody Lougee  
Ethan Niemeyer

### Summary

Right now we are working on learning Swift by creating a prototype texting application, and learning more about DSR by creating prototype routing tables. Hopefully we can combine these soon and have a working adhoc network app. Then we can work on testing/polishing it.

### Group Meeting Notes

Group meeting consisted of coding and planning prototypes.

### Advisor Meeting Notes

Advisor was worried about us getting slightly behind, since we are still learning the technologies for iOS and the DSR protocol implementation.

### Accomplishments

A simple messaging app prototype.

### Plans For Next Week

Finish prototyping peer to peer chat between single users. Start building adhoc routing, and communicating through multiple nodes.

## Pending Issues

Multiple simulators / emulators on a single iOS environment.

## Individual Contribution

<b>Team Member</b>	<b>Hours</b>	<b>Descriptions</b>
Cole Cummings	5	Worked on prototype application, ran into issues with hackintosh set up, seem to be resolved
Holden Rehg	6	Prototyping peer to peer chat application on iOS. Researching a solution to multiple emulators.
Cody Lougee	3	Found a viable virtualization solution and set up an OSX VM and installed Xcode. Played around with some swift coding.
Ethan Niemeyer	9	Implemented DSR protocol in Swift.

## Total Contribution

<b>Team Member</b>	<b>Hours</b>
Cole Cummings	28
Holden Rehg	25
Cody Lougee	28

