

CprE 491 WEEKLY REPORT 24

Date: November 14, 2016

Group number: Dec1618

Project title: A Community Awareness System for Android Devices

Client: NSA, Dr. Daji Qiao, Dr. George Amariuca

Advisor: Dr. Daji Qiao, Dr. George Amariuca

Team Members/Role:

- Jason Wong: Team Leader
- Erik Fetter: Communication Leader
- Matt Gerst: Team Webmaster
- Shikhar Vats: Key Concept Holder
- Brad Anson: Key Concept Holder
- Adit Kushare: Key Concept Holder

✓ Weekly Summary (Short summary about what you did this week)

This will be our final week report for the project. We spent this last week in getting everything sorted out, finishing up the final, working on the final documentation and the presentation, and getting the website updated. Matt is trying to get rid of the bugs happening during the file transfers.

✓ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Next Week Goals</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Jason Wong	<ul style="list-style-type: none">● Successfully integrated RSSI information into visualization● Removed edge lines from visualization as requested by client	<ul style="list-style-type: none">● Work on poster● Work on final documentation	20	71

Brad Anson	<ul style="list-style-type: none"> • Successfully spread out the Sensor Graph timestamps • Fixed issue graphing sensor data from too many devices • Improved user notifications for complete/incomplete file transfers • Tested Busy Network/Router Distance • Disabled Rhizome • Added features to allow a user to select between Rhizome/MSP transfers, as well as allow a user to see the latest video that's on the mesh by device. 	<ul style="list-style-type: none"> • Work on poster • Work on final documentation • App manual 	20	128
Adit Kushare	<ul style="list-style-type: none"> • Successfully completed all audio functionality which includes, requesting on demand audio, periodic collection of audio in background and other devices being able to request/search these periodic files on target devices. • Improved the UI by adding a new android time picker widget. • Improved list view looks and overall activity colors. 	<ul style="list-style-type: none"> • Work on poster/presentation/documentation. • Clean up code and add comments. • Work on manual for app. 	10	80
Erik Fetter	<ul style="list-style-type: none"> • Start work on poster and final presentation 	<ul style="list-style-type: none"> • Work on poster and final documents 	6	51
Matt Gerst	<ul style="list-style-type: none"> • Worked on the stability of file transfers over the MSP tunnels. 		13	70
Shikhar Vats	<ul style="list-style-type: none"> • Finishing up the work on the UI. • Worked on the final poster for our final presentation 	<ul style="list-style-type: none"> • Finish up the documentation required for the project. • Cross check if all the requirements have 	12	90

		been met for the final submission. <ul style="list-style-type: none">• Help Adit and Erik out with their UI issues		
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✓ **Summary of weekly advisor meeting (if applicable/optional)**

Our last advisor meeting went well. We reviewed our poster, and the presentation with Dr. Qiao, and Dr. Amariucaí. Apart from that we did a final demonstration of our app to them. We got valuable feedback which we would be working on before the final submission of the project.