

CprE 491 WEEKLY REPORT 23

Date: November 7, 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)

✓ 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">● Working out bugs with RSSI. RSSI discovery mode now enabled without asking for permission every 3 minutes	<ul style="list-style-type: none">● Continue improving visualization stability.	6	51
Brad Anson	<ul style="list-style-type: none">● Prepared for presentation● Smoothed out graphs● Added back in all On Demand Requests over Rhizome● Added a FragmentDialog to let the user choose the transfer medium	<ul style="list-style-type: none">● Spread out timestamps● Correctly display stored data, make line connecting points consistent● Experiment with a busy network.	16	108

	<ul style="list-style-type: none"> Created a Notification for MSP File Transfers to show progress Large refactor of MediaRequestReceiver Added Mesh Error sending/receiving Prevent recording failures from crashing the app 			
Adit Kushare	<ul style="list-style-type: none"> Completed Search. Now users can request audio files from target devices closest to the date and time specified. Audio activity now also properly requests DB information from target device and returns a full searchable list of all recordings from past 5 hours in a list view. 	<ul style="list-style-type: none"> Fix bugs with repeated audio file transfer. Polish up the UI for final Demo. 	13	70
Erik Fetter	<ul style="list-style-type: none"> Tested and fixed Sensor Request Button and corresponding dropdown/text label for peer selection Work on presentation with George 	<ul style="list-style-type: none"> Tweak look and feel of Sensor Activity. 	9	45
Matt Gerst	<ul style="list-style-type: none"> Worked on making MSP file transfers more stable. Helped Adit integrate new audio functionality with the Network API 	<ul style="list-style-type: none"> Continue work on the stability of the MSP File Transfers 	11	57
Shikhar Vats	<ul style="list-style-type: none"> Continued working on the UI for the other activities, especially the contacts activity. 	<ul style="list-style-type: none"> There's not a lot of work left with the UI. Will get everything cleaned and finished up by the dead week. 	10	78

✓ **Summary of weekly advisor meeting (if applicable/optional)**