

CprE 491 WEEKLY REPORT 21

Date: October 31, 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">● Worked on final presentation● Working out bugs with RSSI. RSSI discovery mode constantly stopping.	<ul style="list-style-type: none">● Continue improving visualization stability.	6	45
Brad Anson	<ul style="list-style-type: none">● Fixed SQLite tables to support multiple devices, long term, give table names a default convention● Attempted (failed) to remove charting library from source (will leave	<ul style="list-style-type: none">● Turn on periodic sensors● Figure out MSP Transfer issues● Deal with MediaRecorder IllegalStateExceptions	13	92

	<p>for now since it complicates the build)</p> <ul style="list-style-type: none"> Adjusted Graph timestamps to start from current time 	<ul style="list-style-type: none"> Add Notifications around file sending/receiving 		
Adit Kushare	<ul style="list-style-type: none"> Fix minor issues with audio playback due to media recorder resources not being released properly Progress on search and list functionality of audio request 	<ul style="list-style-type: none"> Improve audio activity UI. Edit the audio database schema to make it easily searchable Complete audio file search functionality 	5	57
Erik Fetter	<ul style="list-style-type: none"> Continue Work on Sensor Activity Add Sensor Request button for querying devices from sensor page 	<ul style="list-style-type: none"> Test request button and dropdown list for selecting peer 	6	36
Matt Gerst	<ul style="list-style-type: none"> Investigated issues with mesh performance. Worked on extending the functionality of the Network API and Commands Protocol to accommodate other aspects of the application 	<ul style="list-style-type: none"> Work on improving stability of the Network API and File Transfers 	12	46
Shikhar Vats	<ul style="list-style-type: none"> Fixed the bugs being caused by the new UI. Merged the new UI with the master for the demo to the advisors Worked on the presentation for meeting with George 	<ul style="list-style-type: none"> Start working on cleaning up the batphone structure. Start working on the UI for the other activities. 	10	68

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