

CprE 491 WEEKLY REPORT 16

Date: September 17, 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)**

We continued working on our individual issues. We were not able to make it to the weekly team meeting this week, as most of us had midterms in the coming week.

✓ **Past week accomplishments (please describe as what was done, by whom, when)**

- ❖ There was no major accomplishment this last week, but we all made progress in our parts. All progress mentioned in the individual contributions table.

✓ **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 updating visualization UI to make	<ul style="list-style-type: none">● Begin working on RSSI integration.	3	16

	action tooltip bigger and easier to click.			
Brad Anson	<ul style="list-style-type: none"> Cleaned up old video disposal in Rhizome Looked into Widgets, background screen control, notification control, and anything else I could plant a SurfaceView in 	<ul style="list-style-type: none"> Keep trying to figure out ways to place a SurfaceView somewhere that would allow for non-activity dependent requesting 	5	20
Adit Kushare	<ul style="list-style-type: none"> Implemented service for background raw sensor data collection stored to a file. Working on moving this over to a SQL database. 	<ul style="list-style-type: none"> Keep working on UI cleanup and work on implementing on demand portion of services 	3	18
Erik Fetter	<ul style="list-style-type: none"> Can build with my VM now after getting things set up 	<ul style="list-style-type: none"> Finish data storage module for app and help Matt with developing the network API if possible 	3	10
Matt Gerst	<ul style="list-style-type: none"> Worked on further developing the Network API 	<ul style="list-style-type: none"> Start working with the others parts of the project to integrate them with the Network API 	3	10
Shikhar Vats	<ul style="list-style-type: none"> Got the bluetooth rssi and calibration to work on the nexus 	<ul style="list-style-type: none"> Integrate my work with Jason's visualization activity 	2.5	14

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

We updated the advisors with our progress, and discussed further about the challenges in front of us. Right now we seem to have hit a roadblock as far as the video streaming from another device is considered. We discussed about some android apps that allow the complete monitoring of the other devices without alerting the user of the device. We need to do more research on the topic.