

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)**

There has been progress in everyone's work. We have hit a roadblock in retrieving the video from the other person's device on our device when the other device is locked. Brad has been doing research on this subject. Adit has been researching on the storage options for the files on the rhizome network.

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

- ❖ Shikhar calibrated the Nexus and htc device for the rssi values against the distance values.
- ❖ Adit was able to request the audio files from another device without needing their permission.
- ❖ Brad was able to get a live video feed from the other device.

✓ 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"> Research Android bluetooth API 	<ul style="list-style-type: none"> Work on integrating bluetooth rssi into batphone 	3	13
Brad Anson	<ul style="list-style-type: none"> Completed all of the work surrounding handling a camera service that handle network requests, indicating a new video was captured and uploaded 	<ul style="list-style-type: none"> Fix bugs, demo was sloppy Work on allowing the remote user to receive video requests from anywhere 	7	15
Adit Kushare	<ul style="list-style-type: none"> Implemented Background audio service when phone is locked. 	<ul style="list-style-type: none"> On demand audio collection. Implement service toggle switch. Clean up home UI. 	9	15
Erik Fetter	<ul style="list-style-type: none"> Setting up build on virtual box/android studio so I can test and build batphone again 	<ul style="list-style-type: none"> Continue working on storage methods, specifically SQLite backed by a file. 	2	7
Matt Gerst	<ul style="list-style-type: none"> Started implementation of the Network API and custom protocol 	<ul style="list-style-type: none"> Continue implementing and testing the API and protocol 	4	7
Shikhar Vats	<ul style="list-style-type: none"> Calibrated the rssi and the distance values 	<ul style="list-style-type: none"> Research on the transmission power of bluetooth 	3	11.5

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

We demoed our work so far to the advisor's, and discussed on the next steps. So far we have been on track, hope we continue the same.