

**CprE 491 WEEKLY REPORT 20**

**Date: October 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)**

Having advisor meetings every alternate week has been working good so far. We made considerable progress as compared to before when we had meetings every other week. We have a new UI, which still needs to be polished for the final demo. Major part of the last week was spent in fixing the build issue that most of us were having on our machines.

✓ **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"><li>● Fixed bluetooth issues by disabling existing batphone bluetooth functionality</li></ul>	<ul style="list-style-type: none"><li>● Work on writing RSSI files to Rhizome</li></ul>	7	32

Brad Anson	<ul style="list-style-type: none"> <li>Developed a light graph to display both local and remote sensor readings</li> <li>Helped team with build issues</li> <li>Benchmarked MSP.. It's really slow.</li> <li>Moved VideoRequests to start using MSP/MDP.</li> </ul>	<ul style="list-style-type: none"> <li>Combine Services</li> <li>Add LimitLines to Graph for when there is no data</li> <li>Add Timestamps to Graphs</li> <li>Start work on storing periodic sensor data</li> </ul>	10	70
Adit Kushare	<ul style="list-style-type: none"> <li>Completed MSP audio file transfer.</li> <li>Resolved bugs with file transfer to the point where the file is played on the client device.</li> </ul>	<ul style="list-style-type: none"> <li>Create an UI interface/activity to view and request audio from.</li> <li>Resolve bugs with list activity.</li> </ul>	10	42
Erik Fetter	<ul style="list-style-type: none"> <li>Work on Sensors and sensor activity</li> </ul>	<ul style="list-style-type: none"> <li>Turn sensor activity into material type UI</li> </ul>	4	26
Matt Gerst	<ul style="list-style-type: none"> <li>Worked with Adit to integrate audio recording with Network API</li> <li>Implemented unicast file sharing using MSP</li> </ul>	<ul style="list-style-type: none"> <li>Finish audio recording NetworkAPI integration</li> <li>Work with Brad to integrate Video recording with the NetworkAPI</li> </ul>	6	30
Shikhar Vats	<ul style="list-style-type: none"> <li>Got the dependency issues figured out. Started working on the UI v 0.1. Have some issues that need fixing before the demo</li> </ul>	<ul style="list-style-type: none"> <li>Fix the bugs and crashes caused due to the new UI</li> </ul>	14	37

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

For this week's meeting we demoed our first version, since the last semester, of the final product to our advisors. They were happy with the progress. For the rest of the meeting we discussed about the bugs, fixes, and making some more changes to the project. We decided to again meet after two weeks with a better version of the product as this arrangement seems to be more effective than our previous one.