

CprE 491 WEEKLY REPORT 13

Date: August 29, 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 had the first meeting with our advisors last week. In the meeting our advisors got us up to speed with the project's progress, since they were working on the project during the summer. We discussed what our goal would be for the semester. Apart from the first advisors meeting, we also had our first team meeting, where we divided the goals into gitlab issues and assigned people to each issue.

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

- ❖ Divided the goals into gitlab issues.
- ❖ Created sub-tasks as needed for the issues, and assigned the roles to the people.

✓ 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 on new weighted graph visualization 	<ul style="list-style-type: none"> Integrate new weighted graph library into visualization activity 	5	5
Brad Anson	<ul style="list-style-type: none"> Create new gitlab issues for all teammates/goals Specified UX for on-demand requests 	<ul style="list-style-type: none"> Have a rough draft of how an on-demand request will be grabbed by a user 	2	2
Adit Kushare	<ul style="list-style-type: none"> Started reasearch on background service and communicating data between service and application (Binding to service) 	<ul style="list-style-type: none"> Implement the periodic collection of data within the service. 	2	2
Erik Fetter	<ul style="list-style-type: none"> Work on finding a good way to store sensor data on the device 	<ul style="list-style-type: none"> Resolve my current research and work on implementation for storing sensor data 	3	3
Matt Gerst	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> 	3	3
Shikhar Vats	<ul style="list-style-type: none"> Started research on using the bluetooth RSSI values to estimate the distance between the devices 	<ul style="list-style-type: none"> To come up with a concrete approach to be able to use the RSSI for our purpose 	2.5	

✓ Plan for coming week (please describe as what, who, when)

We all plan to continue working on our decided issues.

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

Our advisors got us up to speed with the progress of the project over the summer. We discussed the new goals for the semester, and their expectations.