EE 491 WEEKLY REPORT 5   **Date: February 22, 2016**

Group number: Dec1618
Project title: A Community Awareness System for Android Devices
Client: NSA, Dr. Daji Qiao, Dr. George Amariucai
Advisor: Dr. Daji Qiao, Dr. George Amariucai
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)**

For this week, we primarily focused on getting our project plan complete. We discussed the plan as a team and then split up the documents work among each member.

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

- ❖ Everyone contributed to and completed project plan v1.0 which was due on February 20, 2016.
- ❖ RSSI viability confirmed by Jason on February 20, 2016
- ❖ Achieved communication between application and application via messengers in android. Allows us to start building our network inter-application API

✓ Individual contributions

NAME	Individual Contributions	Hours this week	HOURS cumulative
Jason Wong	● Ping user on mesh logic added ● Fetch current routing table logic added ● RSSI native libraries such as iwlist added to build ● Contributed to the Project Plan: timeline, project statement, proposed solutions ● Started Peer API started ● Started BSSID integration into DNA lookup	9	29
Brad Anson	● Finished creating Camera object class that can be instantiated from within another activity to begin recording videos without requiring a preview, circumventing Android's intentions for invoking MediaRecorder objects ● Contributed to project plan: Summary and references	5	20
Adit Kushare	● Researched communication between two apps/ intents. ● Worked on recording audio in the background without using a button. ● Contributed to the project plan. ● Tinkered with wordpress website for group.	3	20
Erik Fetter	● Built an app to utilize a Service and messengers to do bidirectional communication between two applications ● Worked on some of the requirements, the deliverables, and planning sections of the project plan	4	16
Matt Gerst	● Successfully compiled project using Gradle ● Setup group website ● Contributed to the project plan	3	13
Shikhar Vats	● Worked on the Project Plan v1.0	2.0	17.5

	● Almost done with the sending and receiving SMS Service(have to fix a couple of bugs)		

✓ **Plan for coming week (please describe as what, who, when)**
  - ❖ Jason needs to work on integrating BSSID lookup to associate peers with their BSSID for RSSI purposes.
  - ❖ Work on integrating the Communication API into our main repository so we can start implementing the functionality- Erik, Adit, Brad

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

Discussed the project requirements and specifications needed to get a better understanding for our project plan. We were tasked with finding the viability of RSSI integration during adhoc mode.