Past week accomplishments

Name: DaZhawn Davis
Time spent: 17 Hours(From beginning of semester to 10/4)
What I did this week:
For this week I have been researching linux command line to compile and run our source codes. In fact, I had to install command line such as, Cmake which compile all the code needed in order to actually run code.I also had to run the ioasim.c file to initialize the main emulation system. In addition, I helped group members with the installment of the linux virtual machine.
Plans for next week:
For next week, I will keep working on the emulation of the code and get more familiar with the command used to compile the code.I'm also planning on looking deeper into the simulation folder to study the codes.

Name: Andrew Whitehead
Time spent: 12 Hours (From 10/4 to 10/11)
What I did this week: More intensive research on the physical layer and the sublayers with layer two of 5G networking. Worked on coding projects using the C programming language and Linux to revamp my knowledge and skills with them. Researched C++ code related to the given code. Researched low latency Linux and spoke to my faculty mentor about operating systems. Installed Ubuntu and the Virtual Box on laptop.

Plans for next week: Edit XML file within SIMU and print out the results of given code

Name: Rohan Willis
Time spent: 15 Hours (From 10/4 to 10/11)
What I did this week: This week I spent time reviewing the code in the repository, continuing research on the physical abstraction layer of our code. Also conducted research on the other layer of the 5G network, in conjunction with device to device communication. Lastly, I reviewed the Open Air Interface website to learn how to install their kernel and copy the necessary files to my computer.
Plans for next week: Install ubuntu on my computer and copy over the OAI files. Continue research on the physical abstraction code. Begin reviewing matlab coding.

Name: Ousmane Lioyd Ntutume
Time spent: 14 Hours (From 10/04 to 10/11)
What I did this week:
For this week I have learned more about the openairinterface content about 5G,as we had to dive deeper into the different layers of code . Besides, I worked on updating the website with the design document and the student bio.During this week, I also did some research on the right version of the software,Ubuntu 14.04, needed to implement the codes we are going to use.

Plans for next week: I plan to install the right version of Ubuntu(14.04) into my window laptop in order to access the source code and help my classmates understanding the current version's code. Furthermore, I will look into the signal processing simulation code and try to summarize each code for a better explanation.

Name: Nolan Cardona
Time spent: 14 Hours (From 10/4 10 10/11)
What I did this week: Performed research on signal modulation and work with outside sources to get a good understanding of how we can simulate communication between two towers. I generated a more detailed road map which details what we should expect to have done by the end of each week of the rest of this semester. I also talked to current electrical engineering professors about their thoughts on 5G communication as well as how they believe it will benefit the Ames area. This will allow for us to understand more features that we will seek to implement into the code.
Plans for next week: Run simulations on the virtual machine using the linux commands that have been supplied to the group during the weekly meeting. Manage to generate a full Gantt chart as specified by the professor to visually demonstrate the progress of the project. Make edits to the existing code that will allow for only certain details of the simulations to be displayed such as power, frequency, number of interferences, etc..

Individual contributions

Team Member	Contribution	Weekly hours	Total hours
DaZhawn Davis	- Searched commands that can be implemented into the code - Assisted in team software downloads	16	33
Andrew Whitehead	Researched and conducted mini coding projects	12	34
Rohan Willis	- Reviewed code - Reviewied OAI templates & files	15	30

Nolan Cardona	- More Detailed Map - OAI and Signal Modulation Research	14	34
Ousmane Lioyd Ntutume	- Reviewed the OAI. - Update the website - Research Ubuntu	14	29