CS 481

Final Deliverables

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| Item | Responsible | Due Date | Completion % | Notes |
| Antenna Masts | Nikolai, Zane | 4/27/20 | 95% | Zane is going to mount an Arduino Feather on a pipe to act as a relay on his roof. Test connectivity between his house and Nikolai’s. Nikolai has an antenna mast complete and mounted. |
| LoRa Network | Nikolai, Zane | 4/27/20 | 95% | Zane then needs to attach the GSU to his garage and Nikolai will then test the full connectivity of every point-to-point connection |
| GSU | Zane | 4/27/20 | 80% | Zane needs to finalize the enclosure and 3D-print it, then mount it and incorporate the sensing program into the main program |
| Encryption | Joel, Nikolai | 4/30/20 | 60% | Joel needs to fix a memory leak problem with his encryption program. Nikolai will then integrate into the GSS program. |
| GSG | Tyrel | 4/27/20 | 100% | Tyrel has got the GSG working and its connection to an MQTT server. |
| Simulation | Tyrel | 4/30/20 | 80% | Final touching up of the simulation and making use of the data coming in from the GSS once it is fully working and providing real data. |
| Powerpoint Presentation | Everyone | 4/27/20 – dry run  4/30/20 - revised | 25% | Have planned out what to put in the presentation and the structure. Need to create the powerpoint. |
| Wiki | Joel, everyone else a smaller amount | 4/30/20 | 75% | Need to review the Wiki and compile all the images that we have all created/taken during the project. |
| Design Report | Everyone | 5/14/20? | 25% | We all need to contribute to getting this finished after Expo. |
| Expo Poster | Zane | 4/27/20 Draft  4/29/20 Final | 25% | Zane will have a draft ready on Monday then we will revise it and submit it to the Expo |
| Project Portfolio | Everyone | 5/14/20? | 75% | Update the portfolio with the Covid-19 contingency plan to get something working. Update with project learning this semester |