Date: 2/20/20

Start Time: 3:30 pm

End Time: 4:45 pm

Present: Nikolai, Tyrel, Zane, Joel, Dr Sheldon

Location: Innovation Den

Agenda: Nikolai presenting status report

Outcomes: Nikolai

Has worked how to obtain the Unique ID from the Arduino and use that to create a simpler one that can be sent in the message between GSUs. Demonstrated this in the meeting

Tyrel

Working on interfacing the simulated data from his script with Unity

Has placed order for the DS3231 and batteries for them as well as 2500 mAh batteries for the Feathers.

Zane

Transferring the code from the Pro Mini over to the MKR board

Power saving measures

Convert the PIR and ultrasonic sensors from 5V to 3V and disable unnecessary circuitry

Work with Nikolai to work out total power consumption

Finalize the enclosure

Joel

We’re going to have him also work on the gateway and the server that will be situated in the Den.

To Do: Nikolai

Get the Arduino Feathers to go to sleep and wake up on a timer

Joel, learn about Linux servers and try set up a VM