**WEEKLY PROGRESS REPORT**

**Sightline Capstone Project**

**Week 5**

**9 February 2019**

**Tai:**

**This week:**

* Test the connection and video output when connected SLA hardware to Pixhawk 4 and Qgroundcontrol
* Study about the quadcopter and Pixhawk 4, how they connected together.
* Learn more about Radio control, how to use RC to control quadcopter.

**Next week:**

* Do some tests with quadcopter and pixhawk 4 and SLA hardware
* Try to use RC to control quadcopter.

**Question:**

I can’t make the SLA hardware stream the video to Qgroundcontrol. There is a way but we need to purchase a wifi module and some accessories. Is there another to stream a video to Qgroundcontrol or to SLA Panel wirelessly?

**Kimball:**

**This Week:**

* Set up Tenergy TB6B battery charger. Created battery specific instruction for use posted on [Github](https://github.com/phamtaiece/Capstone-Sightline/tree/master/Project_working%20space)
* Soldered Xt-60 connectors to batteries, PMB, and quadcopter
* Finished devices, symbols, and footprints needed for Eagle schematic
* Continued I/O research for schematic
* Built case for transporting quadcopter

**Next Week:**

* Attach Pixhawk 4, telemetry, GPS, and Sightline equipment to quadcopter and prepare for test flight
* Continue Schematic

**Questions:**

None at this time

**Adel:**

**This Week:**

**Next Week:**

**Questions:**