**WEEKLY PROGRESS REPORT**

**Sightline Capstone Project**

**Week 9**

**9 March 2019**

**Tai:**

**This week:**

* Review schematic from Kimball
* Do research for serial communication between SLA hardware and Qgroundcontrol. One way to access the serial parameter is update the firmware from Pixhawk 4 to Master (developer version), so I can be able to access the Serial parameter.
* Do research about Mission Planner. Since mission planner is different than Qgroundcontrol. We need to use ardupilo firmware and setup, so we need to redo everything again with different setup which might require a lot of work. As well as, Pixhawk 4 is optimized for Qgroundcontrol, and Mission planner wasn’t. So It’s a better if I choose to stick with Qgroundcontrol rather than Mission planner.

**Next week:**

* Meeting with Sightline
* Serial communication research
* Flight test

**Question:**

**What is baud rate of SLA 1500?**

**Kimball:**

**This Week:**

* Rev 2.0 Schematic review

**Next Week:**

* Rev 3.0 Schematic
* Layout Meeting at Sightline with hardware manager
* Continue Layout
* Quadcopter testing

**Comments/Questions:**

None at this time

**Adel:**

**This Week:**

**Next Week:**

**Questions:**