Weekly report

1. **My *Goals* from last week**
   * + Analyze, test and learn about Swift Navigation’s RTK GPS.
     + Connect the geophone sensor with the Particle Electron and obtain cellular data transmission.
2. **My *Accomplishments* this week**
   * + Analyzed, tested and learnt about Swift Navigation’s RTK GPS.
     + Obtained documentation on interfacing the Swift Nav. RTK-GPS with the Pixhawk flight controller.
3. **My *Goals* for next week**
   * + Work on integrating the hardware, i.e. the RTK-GPS and the Pixhawk.
     + Initiate the thesis document.
     + Plan on retrieval of sensors, perform a background study on Vision-Based Control.
   1. Meeting with Dr. Becker on Friday 11 A.M.
4. **What I need Dr. Becker to do:**

* Assistance with thesis document writing.
* Vision Based Control- Plan, Approach, Software used, Where to start.