**Design completion milestones**

1. Establish two-way communications between two RFM12B modules communicating through Il Mattos.
   1. Drone able to transmit telemetry back to the basestation at 1 instruction per second.
   2. Base able to transmit data to the drone at 100 times per second
2. Achieve two-way communications using two transceivers at each end.
3. Using a HID controller with the radio communications system to allow transmission of potentiometer readings.
   1. Sustain data rate from previous milestone.
4. Integrating a UI that is used to send new K values to the drone without affecting the data rate.

**Planned project activities**

* Test communications using two transceivers on each end. Mon am and Mon pm JT
* Attaching UI to communications system to send K values. Mon am MI
* Tune communications code to enable efficient transmission and receiving of data Mon pm MI