Weekly report

1. **My *Goals* from last week**

* Testing Piksi RTK GPS system, once again and resolving issues.
* Writing my thesis documentation.
* Researching on computer vision and visual servoing.

1. **My *Accomplishments* this week**

* Tested the Piksi once again, I could only obtain an RTK float and did not obtain fix. I have contacted the support team and they have replied today. They have asked me to check certain parameter which I would do and they claim it might take more than 20 mins for an RTK fix in certain areas.
* I have initiated the process of writing my thesis document. I’m done with the introduction and would like some inspiration for the structure.
* I have searched on exclusive projects that give me step by step procedures on performing visual servoing using pixhawk. I couldn’t find any. I have downloaded certain papers that talk about the concept. I’m trying to decipher the right path from these.

1. **My *Goals* for next week**

* Confirmation of piksi working and integrate it on to a quadcopter.
* Give you a preliminary document of my thesis.
  1. Meeting with Dr. Becker on Friday 11 A.M.

1. **What I need Dr. Becker to do:**

* Help with quadcopter visual servoing, I could not get the contacts of students who did this. Since this is an application we are trying to do, given a step by step instruction would be useful in accomplishing the task. Help with this.