

Weekly report

An Nguyen

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1 Plan for this week

1.1 Research

- Catch up with Shriya on mosquito net work
- Fly Hexacopter to test weight capacity and stability of the new net

1.2 Lab Management

- Research CNC machine and new 3D printers
- General lab maintenance for laser cutter, 3D printer and CNC machine
- Lab clean up

2 Done this week

2.1 Research

Talked to Shriya and Praveen.

I finished preparing the net to fly with the hexacopter, need a few spare parts that I will get Wednesday. I will fly the Hexacopter on Wednesday.

Praveen is working on monitoring the voltage/current on the wireless network. The more sensitive current sensors are still in transit due to a delivery mistake. I will talk to Praveen to see what we can do in the mean time. Most likely I want him to clean up the wiring and electronics so that they are more mechanically robust while we wave them around.

2.2 Lab Management

I fixed the CNC machine and cleaned up the lab some.

3 Plan for next week

3.1 Research

- Fly Hexacopter to test weight capacity and stability of the new net
- Research Pixhawk 2 order

3.2 Lab Management

- Research CNC machine and new 3D printers
- General lab maintenance for laser cutter, 3D printer and CNC machine
- Lab clean up

4 What Dr. Becker need to do

none