

Objectives to Work on Before Next Meeting

Mechanical Engineering - Pep, Roshan, Lily

1.0 - Initial Drawings/Design/CAD

- 1.1 - We will work through the CAD on the components we talked about in the meeting.

Deliverable: Have the component where the fan attaches to done, and then start to work through the gears and nozzle

Electrical - Jeff

1.0 - Power & Wiring Architecture

- 1.1 - Design the abstract block diagram from Arsh's image

Deliverable 2: System Diagram (You could use something like Eraser)

Software - Ayaam & Vivienne

1.0 - SITL Simulation

- 1.1 - Continue your work on the simulation, and also slowly familiarize yourself with ArduPilot's documentation and how we can easily implement it for our system. Also, Ayaam, since Vivienne couldn't make it, update her on what you have done with the Sim so far.
- **Deliverable 1:** Work through the simulation, and then, as we get through CAD design, we can provide proper dimensions and dynamics.