

Weekly Report #6

- 1) In last week's team meeting, most of our drone parts have arrived which allows us to move forward with the project and start the initial stages of construction and software implementation. The two main Hexsoon drone sets were one of the few orders to arrive, the team laid out a plan of how we will begin initial construction in the following week. The initial plan is to review how we are going to construct the first drone, as well as 3D model the prop guards using Inventor software. Several measurements were taken of the drone motor base plates and screw dimensions to start modeling the prop guards.
- 2) For the upcoming weeks, our team hopes to accomplish a constructed 3D model of the needed prop guards in Inventor, and finish the construction of the initial drone. We also hope to receive the last pieces needed to complete our drone construction.
- 3) The team met on Wednesday, February 22 with Rob to discuss what the plan is moving forward to make up for lost time. This plan involved weekly meeting times and action plans based on the parts that we have. These action plans include powerpoint lectures on how to successfully build our drones, while our team also self learns how to program the SWARM.
- 4) Current website link: http://dasp.mem.edu/~swarm_sp23/index.html







- 5) Each team member has spent around 2 hours on the project this week.
- 6) Anzam Sheak and Austin Worrell