

MEETING MINUTES

CAPSTONE MEETING

Date: September 16th

Time: 2:30pm

Meeting called to order by: Team 3

IN ATTENDANCE

Dylan, Andrew, Branson, Aaron, Ethan, Jonathan

OLD BUSINESS

- Discussed meeting held on 9/6 with ME team and professors
 - ME team is now only completing the design, not building
 - They will however support our ability to test our full project
 - Professor Rentschler plans to contact Proton about project details
- Reviewed each member's signoff progress
- Looked at VFD options in the Capstone lab
 - Most likely option a 3hp Z1000 drive

NEW BUSINESS

- It has been decided that we will downsize to a ½ horsepower system.
- Reviewed each member's signoff progress
- Looking into using an Arduino to control throttle motor to get cheaper DAQ.

MEMBER UPDATES

- Dylan: Completed braking control sign-off and working on sizing components for newly discussed downsized system.
- Andrew: Completed user interface signoff and ordered user interface subsystem BOM. Also looking into how an Arduino will talk with the DAQ.
- Branson: Continuing work towards power distribution sign-off. Close to being finished.
- Aaron: Completed DAQ sign-off and looking into cheaper DAQ options.
- Ethan: Completed throttle control sign-off and working on 3-D printing components.
- Jonathan: Continuing work towards sensor sign-off. Close to being finished.

ACTION ITEMS

- Dylan: Size and source downsized components for ½ horsepower system.
- Andrew: Assist other subsystems needing sign-off and look into DAQ to Arduino communication.
- Branson: Complete revisions for power distribution sign-off.
- Aaron: Source a cheaper DAQ option.
- Ethan: Finish printing throttle control components and begin testing motor control with Arduino.
- Jonathan: Complete revision for sensor sign-off.

NEXT MEETING

Next meeting will be held on September 23rd @ 2:30pm

Motion to adjourn was made at 3:30pm and passed unanimously.