

MEETING MINUTES

CAPSTONE MEETING

Date: October 30th

Time: 2:30pm

Meeting called to order by: Team 3

IN ATTENDANCE

Dylan, Andrew, Branson, Aaron, Ethan, Jonathan

OLD BUSINESS

- Team has wired VFD to motor as well as mounting it.
- Team is working on interfacing torque sensor with DAQ.
- Communicated with Mechanical team about couplings and mounting table timeline.

NEW BUSINESS

- Team got past VFD alarm issue and resolved power issue to get motor working.
- Team is continuing to work on interfacing torque sensor with DAQ and is almost complete.
- Working on meeting with Mechanical team to receive couplings and discuss the rest of project plans.
- Received additional order for e-stop, wire & 3-prong plug for VFD, mount for DAQ, etc. and working on implementing these products.

MEMBER UPDATES

- Dylan: Wired VFD to motor and resolved power issue to get motor working and continuing to work on motor and VFD
- Andrew: Working on user-interface as well as DAQ to torque sensor interfacing and display.
- Branson: Wired VFD to motor and resolved power issue to get motor working and continuing to work on motor and VFD
- Aaron: Working on DAQ to torque sensor interfacing and DAQ set up.
- Ethan: Working on throttle control system by programming Arduino and got throttle clamp 3D printed and assembled.
- Jonathan: Working with DAQ to torque sensor interfacing.

ACTION ITEMS

- Dylan: Continue with working on control wiring and motor.
- Andrew: Continue with torque sensor to DAQ interfacing and user interface setup.
- Branson: Continue with working on control wiring and motor.
- Aaron: Continue with torque sensor to DAQ interfacing and user interface setup.
- Ethan: Continue with throttle control system coding and design.
- Jonathan: Continue with torque sensor to DAQ interfacing and user interface setup.

NEXT MEETING

Next meeting will be held on November 6th @ 2:30pm

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