

Meeting Minutes

CAPSTONE

Date: Sep 9

Time: 2:30 PM

Team: 3

IN ATTENDANCE

Dylan, Andrew, Branson, Aaron, Ethan, Jonathan

OLD BUSINESS

- Discussed plan for resubmitting detailed design for all subsystems.
- Discussed scheduling a meeting with our new instructor.
- Discussed any potential need to detail design updates or modifications.

NEW 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

MEMBER UPDATES

- Dylan: Continued working towards brake control subsystem sign-off. Talked VFD details with instructor
- Andrew: Completed signoff and ordered user interface subsystem BOM
- Branson: Continued working towards power distribution subsystem sign-off. Close to finished.
- Aaron: Continued working towards DAQ subsystem sign-off. Completed a turn in and got feedback. About to complete, turn in, and request another review.

- Ethan: Achieved throttle control subsystem sign-off. Researched potential ways to integrate system in alternate ways with DAQ.
- Jonathan: Continued working towards sensor integration subsystem sign-off. Prepared to turn in design after meeting.

ACTION ITEMS

- Dylan: complete work on and turn in the brake control subsystem sign-off.
- Andrew: Assist other subsystems needing sign-off, research interfacing UI system with current VFD options.
- Branson: complete work on and turn in the power-distribution subsystem sign-off.
- Aaron: complete work on and turn in the DAQ subsystem sign-off.
- Ethan: Assist other subsystems needing sign-off, and experiment/test ordered components in the throttle system.
- Jonathan: complete work on and turn in the sensor subsystem sign-off.
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NEXT MEETING

Next meeting will be held on 9/16/2024 Motion to adjourn was made at ~3:30 PM and passed unanimously.