MEETING MINUTES

CAPSTONE MEETING

Date:	October 9th
Time:	2:30pm
Meeting called to order by:	Team 3

IN ATTENDANCE

Dylan, Andrew, Branson, Aaron, Ethan, Jonathan

OLD BUSINESS

- Discussed with Mechanical Engineering team about plans to downsize to 0.5 horsepower motor and their new role.
- Finishing BOM's and ordering materials.
- Discussing plans with VFDs that are available in capstone room.

NEW BUSINESS

- Discussed the scope of work for the Mechanical Engineering team.
- Discussed plans to begin mock setup and programming for the dynomometer.
- Discussed estimated arrival of parts and picking them up.

MEMBER UPDATES

- Dylan: Successfully submitted BOM, ordered motor subsystem components.
- Andrew: Successfully submitted BOM, ordered DAQ subsystem components.
- Branson: Successfully submitted BOM, ordered power subsystem components.
- Aaron: Successfully submitted BOM, ordered DAQ subsystem components.
- Ethan: Successfully submitted BOM, ordered throttle subsystem components.
- Jonathan: Successfully submitted BOM, ordered sensor subsystem components.

ACTION ITEMS

- Dylan: Continue waiting on materials and continuing research on materials and components for downsized system, as well as VFD information.
- Andrew: Continue waiting on materials and researching for minimal function design relating to user interface, as well as throttle control and DAQ communication.
- Branson: Continue waiting on materials and continuing to go over VFD settings and manuals to help with setup and wiring.
- Aaron: Continue waiting on materials and continuing research into Data Acquisition and Labview programming.
- Ethan: Continuing research into designing 3D components and continuing to program Arduino with a stepper motor.
- Jonathan: Continue waiting on materials and researching for sensor integration with DAQ.

NEXT MEETING

Next meeting will be held on 10/14/2024
Motion to adjourn was made at 3:30pm and passed unanimously.