MEETING MINUTES

CAPSTONE MEETING

Date: September 25

Time: 2:30pm

Meeting called to order by: Team 3

IN ATTENDANCE

Dylan, Andrew, Branson, Aaron, Ethan, Jonathan

OLD BUSINESS

- Finished getting all subsystems signed off in order to move on to minimal function design.
- Explored cheaper options in order to downsize the project and make it more cost effective.
- Created BOMs for all subsystems in order to get signed off and order all materials.
- Since they will not be a bike to physical test on this semester adjusting project to work with this as well as the reduced budget.

NEW BUSINESS

- Scheduled meeting with mechanical engineering team to discuss future plans
- Planning for process once ordered materials have arrived to get minimal function design
- Planning which subsystem will still need to be created without the bike and how to optimize subsystems that will not work without the bike in order to prioritize the most important subsystems.

MEMBER UPDATES

- Dylan: Completed braking control sign-off and redesigning the downsized system in order to get new components ordered.
- Andrew: Completed sign-off and got BOM signed off, researching most efficient way to communicate the DAQ to the throttle control.
- Branson: Completed subsystem signoff, Working towards reduced cost BOM
- Aaron: Completed signoff and found option for cheaper DAQ, got BOM signed off and ready to be ordered
- Ethan: Completed sign off, got BOM ordered, working towards getting pieces 3D printed for assembly.
- Jonathan: Got sensor system signed off and exploring cheaper options.

ACTION ITEMS

- Dylan: continuing work in sizing and research on components for reduced system.
- Andrew: Planning for minimal function design and communication with DAQ and Arduino.
- Branson: Researching into power supply system to complement the new components
- Aaron: Waiting on BOM components and continuing research on design for assembly once the components arrive.
- Ethan: Redesigning 3D printed components and programming Arduino with stepper motor.
- Jonathan: Continued work on new sensor components for reduced cost.

NEXT MEETING

Next meeting will be held on September 25th @ 2:30pm
Motion to adjourn was made at 3:30pm and passed unanimously.