EE/S E Senior Design: sddec20-28

Micro-Mouse Maze Runner Showcase
Week 3&4 Report
Client: Dr. Phillip Jones
Advisor: Dr. Phillip Jones

Team Members:
Richard Anderson
Austin Chesmore
Tyler Fuchs
Jorge Gomez
Aaron Walter
Joshua Wooi

Bi-weekly Summary
- Our team presented our project to our peers in senior design 2 and received some feedback that we will work towards.

Past Weeks Accomplishments:
- Two versions of a chassis were created for the micromouse.
- DC-DC boost is functioning correctly
- Sensors are functioning correctly and can transmit data

Pending Issues:
- CNC machine availability
- Wifi connection
- PCB frame

Individual Contributions:

Team Member	Contribution	Prev Week	This Week	Report Total	Total
Richard Anderson	Scheduling meetings, clion, c++ flood fill, c++ a*	1	6	14	8
Austin Chesmore	Meetings , worked on dcdc boost, sensors and 3D modeling	6	7	13	23
Tyler	Wifi connection within GUI and maze cutting	4	5	9	17

Fuchs					
Jorge Gomez	Worked in Solid works to create a first draft of a chassis. Brushed up on Eagle for PCB design. Worked on the PRIM presentation.	5	4	9	19
Aaron Walter	More progress on microcontroller code. Prototype for event based networking in works.	6	7	13	32
Joshua Wooi	Continued work on Micromouse frame design. Started a build with schematic templates.	4	3	7	16

Plans for Coming Week:

- Model rough layout of pcb as practice
- Begin assembling final prototype