

Weekly Status Update - 09

Team Members:

Calvin: Communication lead, meeting facilitator, and hardware/software dev
Sam: Communicator, meeting facilitator, and Software Engineer
Mitchell: Technical Lead
Douglas: Hardware Lead

Past Week Accomplishments:

The work for visualizing the data is complete for now, final integration with the sensors will be implemented after the sensors are hooked up. The data is sent over websocket and displayed using Chart.js. PCBs are ready for soldering, wheel motors need more time to be tested as they need to be assembled and some instructions are unclear on how complete the build should be for testing of these parts.

Pending Issues:

Awaiting raspi camera and intel compute stick, the components should be in over the next week or two.

Proper soldering methods are not known, and will need advice and instruction in order to ensure that soldering is accomplished properly.

Individual Contributions:

Team Member	Contribution	Weekly Hours	Total Hours
Sam Westerlund	Finished working on data visualization for now, waiting to continue developing once sensors have been hooked up.	4	45
Calvin McBride	Retrieved camera and intel compute-stick from ETG. Made measurements and marks in preparation	4	40

	for machining components.		
Mitchell Freshour	Assembled PCBs for soldering and mapped out electrical build requirements	3	43
Douglas Kihlken	<i>[Douglas has not communicated his status for this week.]</i>		

Plans for Coming Week:

Sam will start working on getting the lidar working on the raspi and displaying a lidar map.

Calvin will inventory parts to see what was all ordered and what was missing to determine total remaining budget, as well as begin machining parts.

Mitchell will begin soldering PCBs and assembling motors for testing.