

sdmay23-13: Prosthetic arm

Week 4 Report

September 12 - September 16

Team Members

Erik Raman — *Software*

Jack Vetsch — *Electrical*

Jacob Eisbrenner — *Mechanical/ Electrical*

Scott Bolek — *Electrical*

Sean Gray — *Software/Electrical*

Jeremy Wallace — *Electrical*

Leo Forney — *Software*

Summary of Progress this Report

First meeting with team advisor occurred. This meeting set up a series of project goals and overall understanding by all parties involved. Sub-team creation allowed everyone to do a little more focused research on their area of expertise.

Pending Issues

The large group size has found issues with getting all team members together for meetings other than once a week.

Plans for Upcoming Reporting Period

Plans for the upcoming week include completing as much if not all, research, coming together to create a final plan, and flushing out outcome goals for the semester.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Erik Raman	Research on MCU and high-level software solution	4	4
Jack Vetsch	Research on EMG signals acquisition and touch sensing signal	4	4
Jacob Eisbrenner	Research on mechanical aspects of hand and EMG signals	4	4
Scott Bolek	Research on Amplifier design and signal propagation	4	4

Senior Design Weekly Status Report

Page 2 of 2

Sean Gray	Research on touch sensing hardware and signal propagation	4	4
Jeremy Wallace	Amplifier design and document management	4	4
Leo Forney	Research on MCU and high-level software solution	4	4

Gitlab Activity Summary

Nothing to report.