

Senior Design Team may23-45: MicroCART Team

Week 14 Status Report (11/18-12/01)

Members:

- Austin Beinder
- Cole Hunt
- Connor Ryan
- Emily Anderson
- Gautham Ajith
- Grant Giansanti
- Tyler Johnson

Weekly Progress Summary

Question:

- 1) Where is the charger for the batteries?

Pending Issues

- Confused by ESC protocols

Individual Contributions

Team Member	Contributions	Hours	Total Hours
Austin Beinder	<ul style="list-style-type: none">• Continued working on converting sensor• Helped with design doc• Recorded a video on how to connect to a crazyflie• Communicated with Colton Glick to grab version of previous test stand, now on gitlab for real	6	66
Cole Hunt	<ul style="list-style-type: none">• FreeRTOS on Pi Research	6	37

	<ul style="list-style-type: none"> • Crazyflie Firmware • Design Doc 		
Connor Ryan	<ul style="list-style-type: none"> • Assembled PCB • Design doc/presentation • Website 	10	54
Emily Anderson	<ul style="list-style-type: none"> • Helped with presentation and design doc • Closed out hello world gui stuff on git lab and started looking at actual gui code 	6	38
Gautham Ajith	<ul style="list-style-type: none"> • Worked on actuation and on test scripts • Design doc 	7	37
Grant Giansanti	<ul style="list-style-type: none"> • Working on final presentation • Designed and tested pwm code on pwm expansion module 	6	40
Tyler Johnson	<ul style="list-style-type: none"> • Very sick this week unfortunately • Help make presentation • Made edits on our previous design docs with updates • Got the CAD design for the stand and started redesigning it 	6	41

Next Week Plans

- Final Presentation
- Redesign Test Stand
- Test software on rev 1 hardware
- Work on tutorial