Senior Design Team may23-45: MicroCART Team

Week 7 Status Report (9/29-10/6)

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

Weekly Progress Summary

- Completed Design Document: Project Requirements
- Started Design Document :Project Plan
- Flight Training
- Continued initial part selection

Pending Issues

- Trouble connecting to crazyflie
  - Got the Crazy Flie Firmwaree connected but it still won't connect
  - Tyler will try a different crazy flie amd see if that fixes the problem

Individual Contributions

Team Member	Contributions	Hours	Total Hours
Austin Beinder	- Researched IMU, voltage regulator, Propeller selection - Working on watching all recommended youtube videos about quadcopter control/simulation - Flight training: 4 battery cycles	4	13

Cole Hunt	● Flight training: 3 battery cycles ● Helped with the crazy flie software ● Flashed crazyflie with vendor firmware	2	7
Connor Ryan	● Flight training: 3 battery cycles ● Worked on Requirements documentation ● Started project planning documentation	3	9
Emily Anderson	● Absent: Onsite Interview with Relativity	X	X
Gautham Ajith	● Flight training: 3 battery cycles ● Helped with crazy flie software ● Worked on Requirements documentation	3	9
Grant Giansanti	● Flight training: 3 battery cycles ● Looked at crazyflie firmware ● Looking at how to interface with the raspberry pi pinout and compared it to how the crazyflie works	4	10
Tyler Johnson	● Flight training: 6 battery cycles ● MP-4: Can't launch GUI 　○ I am going to try a different crazy flie on friday ● Design Document- Project Plan	4	11

Comments:

Next Week Plans

- MP-4: Troubleshoot
  - I will reach out to the past senior design team with the issues.
- Continue flight training
- Finish initial part selection
- Design Document: Project Plan
- Look at crazy flie website for more debugging tips