sdmay18-17: MicroCart (Microprocessor Controlled Aerial Robotics Team)

Week 2 Report

September 11 - September 17

Team Members

Blake Pries — *Communications Lead*
Dane Larson — *Ground Station Lead*
Matthew Kelly — *Documentation Lead and Webmaster*
Tyler Imboden — *Quad Software Lead*
Jakub Hladik — *Test Lead*
Kyle Trost — *Team Lead*
Peter Thedens — *Repo Lead*
Austin Rohlfing — *Controls Lead*

Summary of Progress this Report

We largely spent this week reading code and documentation
Sub-team meetings were held to discuss components
Group meeting was spent informing whole team of components
Meeting also started with practicing with the training quad

Pending Issues

Need to discuss with prior team to learn how to run two other demos

Plans for Upcoming Reporting Period

Create issues for updating documentation and making other improvements
Continue work on understanding and documenting existing code
Look into updating VRPN to track quad and another object
Keep learning assigned focus areas

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Blake Pries	Continued code review and got added to the repository	2	5
Dane Larson	Groundstation meeting looking at Ground station code	4	10
Matthew Kelly	Groundstation meeting, Starting documentation on front end. Further reading of current documentation.	3.5	10.5
Tyler Imboden	Reviewed C code that runs on quad, flashed the project onto sd card (reviewed	5	12

	documentation), wrote order for batteries and monitors		
Jakub Hladik	Familiarized with testing framework, virtual quad code, testing scripts, and studied Ruby.	4	10
Kyle Trost	Organized regular team meeting, familiarized myself with existing file structure and read documentation and code to understand the quad software.	5	11
Peter Thedens	Review existing CI scripts and virtual quad	4	9
Austin Rohlfing	Read controls documentation and linked documents	3.5	6.5