

EE CprE SE 492 - MAY15-28  
MicroCART Senior Design Team

Meeting Minutes - Week 6

February 16, 2015

**Attendance:**

**Team Members:**

Paul Gerver  
Joe Benedict  
Adam Campbell  
Jacob Rigdon  
Matt Vitale  
Matt Post  
Ravi Nagaraju  
Tyler Kurtz

**Advisors:**

Dr. Phillip Jones  
Paul Uhing

**Agenda Items and Discussion**

1) Logging

- Standardized across OmniCoor and MicroCART
- One remaining logging issue with GUI - Diagnosed, and Matt will be fixing the issue

2) Website

- Moving forward will be making the site in Weebly, then looking into long-term usability

3) Sensor Board

- It was suggested that only the gyroscopes (no accelerometer) be used for the initial PID tuning in order to expedite the process towards the manual flight demonstration (I don't think this was accepted by the client, clarification is needed)

4) PID milestone

- Client would like to see the quadcopter rotate on an X or Y axis. Be able to hold the position ( $10^{\circ}$ - $20^{\circ}$ ) until the joystick is moved back to neutral position and the quadcopter should return to level orientation