

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

Meeting Minutes - Week 15

April 27, 2015

**Attendance:**

**Team Members:**

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

**Advisors:**

Dr. Phillip Jones  
Paul Uhing  
Matt Rich

**Agenda Items and Discussion**

- 1) Project poster
  - Printed out and laminated
  - Needs to be mounted to backing board
- 2) Final design document due 04/28/15
  - Complete except a few final touches
  - Need all team member's contributions by tonight
- 3) IRP presentation
  - PowerPoint is finalized
  - Team will meet Wednesday to review and practice
- 4) Camera data
  - All components and system profiles are in place and ready to implement X, Y and Z position data for flight analysis and computer controlled flight
- 5) Manual flight tuning is complete and considered a finalized task

- 6) Zybo battery regulator v2.0
  - Built and tested
  - Output is incorrect voltage
  - Low battery indicator not working
  - At the time of the meeting, the cause of these issues has not been determined
  
- 7) Website
  - Going through minor format changes and updating with latest documents
  
- 8) GUI
  - Adam recommended building new version from scratch because system from last year has may extra components that need to be removed
  
- 9) YouTube video channel
  - Play lists are ready
  - Some videos need descriptions