

10/23/2014 - 5:03PM Short meeting with Dr. Frank

Denia Del Cid

Alejandro Cabrera

Dr. Michael Frank

Informed of microcontroller, rf device, and rf controller

No choice of battery because lack of motor details

Denia voiced concern over teams decision to use battery at higher current than battery's rating

Dr. Frank briefly mentioned battery safety precautions [Li-ion batteries tend to overheat and explode when used at higher current] and different types of power sources

-Lithium polymer

-Nickel metal hydride

-Super capacitor

Meeting reschedule TBD through email confirmation

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10/30/2014 - 4:00PM ME Staff Meeting #3

Tyler Noyes

Dr. Nikhil Gupta

Grayson Jones

Dr. Scott Hezler

Timothy Muller

Dr. Leonard Tung

Ryan Gilbert

Alejandro Cabrera

Denia Del Cid

Dr. Gupta questioned our first major concern and Tyler outlined prototyping.

Water-proofing was a concern

Solution was to splash proof chassis and shield electronics, possibly modulate design

Linear voltage regulating was a concern

Solution was to add a transformer or use a switching regulator

There is no maximum number of pages and formatting will not be weighted as heavily on this report versus others.

Comments on Milestone #1 were received:

1. "Instead of listing features of electronics, keep it to 'this component is better than that because [of] these reasons.'"  
"Interesting project, intrigued with how it turns out."
2. "First speaker had trouble with speaking evenly without stopping, got better after time"  
"First and second speakers were very quiet, 3rd speaker spoke very well"  
"From the back of the room you can't make out the presenters name at the bottom of the slide"

- “Very good presentation and transitions.”
3. “Well presented, but didn’t have the slides mastered, thus looking back to referencing the slide instead of the audience.”

Overall meeting was excellent and Professors believe we are on track.

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11/2/2014 - 12:30PM Biweekly meeting

Tyler Noyes                                      Absent: Ryan Gilbert

Grayson Jones

Timothy Muller

Alejandro Cabrera

Denia Del Cid

Discuss prototype, purchase orders and objectives for the next two weeks.

Important Dates:

SPDC conference Atlanta, Ga 04/11/2014 - 04/12/2014

Midterm Presentation 11/18 - 11/20

List of purchases by the end of this week (11/2 - 11/8)

Locomotion Team:

Prototype list for both tread and whegs.

Sourced and ready to be ordered

Meeting with Dr. Chuy sometime this week

Chassis Team:

Research prototype delivery system

Electrical Team:

Finalize control selection.

4 buttons/ 2 joysticks.

Meet with Dr. Clark by the end of the week.

Webmaster:

Changes to the website will be made by 11/10 or 11/11

All teams:

Submit list of components that need mounting to chassis team

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