EE 491 Weekly Report 9 (Spring Break)

Date: 3-13-17 -- 3-20-17

Group Number: May1735

Project Title: Cy-Mote

Advisor: Dr. Daniels

Team Members:

Kyle Fischer - Team Lead

Michael Linthicum - Communications Lead

Daniel Shauger - Concept Holder Lead

Sam Neff - Webmaster

Nick Juelsgaard - Schedule and Planning Lead

Summary of the Week:

Software team took a break. We spent this week getting our first board to work. We had several issues with the power components. The most important issue is that the Voltage regulator chip isn’t the correct chip. We ordered a variable supply version instead of a fixed supply version.

Past Week Accomplishments

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Accomplishments | Time worked | Cumulative Time |
| Kyle Fischer | break | 0 | 39 |
| Michael Linthicum | Nothing, we planned Spring Break as break. | 0 | 37 |
| Daniel Shauger | Break | 0 | 25 |
| Sam Neff | Put first 2 PCB’s together, troubleshot, and tested. | 11 | 44 |
| Nick Juelsgaard | Started assembling and testing PCBs with Sam | 12 | 52.5 |

Pending Issues:

* Kyle Fischer - none
* Michael Linthicum - None
* Daniel Shauger - Same as previous week
* Sam Neff - The boards don’t work. 3.3 rail is held to 0.5 Volts
* Nick Juelsgaard - Board issues. Need a new regulator

Comments and extended discussion

Plan for coming week

* Kyle Fischer - format all characteristics for PC wrapper to use.
* Michael Linthicum - Continue work on PC wrapper and update LSM9DS0 code to LSM9DS1.
* Daniel Shauger - Continue wrapper
* Sam Neff -
* Nick Juelsgaard - PCB

Summary of weekly advisor meeting:

None.