

Group Number: May1725

Project Title: Wireless Energy Measurement System

Advisor: Nathan Neihart

Team Members/Role:

- 1) Joseph Freeland (Co-Lead)
- 2) Milan Patel (Co-Lead)
- 3) Adam Cha (Communications Lead)
- 4) Adam Dau (Webmaster)
- 5) James Tran (Key Concept Holder)
- 6) Wei LinLin (Key Concept Holder)

o **Weekly Summary**

We worked on the webapp and the design of how we want our power information to be viewed by the user. Also, we finalized our PCB for analog measurements.

o **Past week accomplishments (please describe as what was done, by whom, when)**

- Adam Cha - Viewed updated website and made suggestions for how data will be displayed on webapp.
- Adam Dau -
- Joseph Freeland - Set up web server with various Javascript libraries, began UI design, and design of ADC code (sending values over the network)
- Wei LinLin - learning concepts about the web server
- Milan Patel - Met with advisor to discuss/finalize PCB for analog measurements
- James Tran -

o **Pending issues (if applicable)**

- Adam Cha - Need to get data points for ADC to create linear line
- Adam Dau -
- Joseph Freeland - None

- Wei LinLin - None
- Milan Patel - None
- James Tran -

o Individual contributions

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<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours cumulative</u>
Adam Cha	Viewed updated website and made suggestions for how data will be displayed on webapp.	1	43
Adam Dau	Worked on web app graphing and connecting to database	3	27
Joseph F.	Worked on webapp	3	30
Wei LinLin	worked on web app	2	22
Milan Patel	Finalized PCB and housing specifications	7	56
James Tran		3	70

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o Comments and extended discussion

o Plan for coming week (please describe as what, who, when)

Adam Cha

Task	Date	Expected outcome
Create linear plot for converting analog to digital.	2/7/17	Needed to get accurate power readings from microcontroller.

Adam Dau

Task	Date	Expected outcome
Get web app connected to database.	2/1/17	Connect web app to database.

Joseph Freeland

Task	Date	Expected outcome
Create a Python web server with connection to SQLite database	2/7/17	

Wei LinLin

Task	Date	Expected outcome
work on web application	2/7/2017	

Milan Patel

Task	Date	Expected outcome
Send out order for PCB	2/8/17	Wait for it

James Tran

Task	Date	Expected outcome

o Summary of weekly advisor meeting

No meeting this week