

**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**

Wrote peer evaluations for Dr. Neihart. Also, picked up case and started work on getting the case ready to house the PCB and CC3200. Also worked on the poster as well.

Wrote Case information for poster usage. Finished up poster. Switched out new diodes for Power Supply.

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

- Adam Cha - Wrote peer evaluations for Dr. Neihart. Also, picked up case and started work on getting the case ready to house the PCB and CC3200. Also worked on the poster as well.
- Adam Dau - Filled out peer evals for Dr. Neihart. Picked up case and cured it at home. Did test painting on old case and implemented it on new case. Also worked on filling out poster.
- Joseph Freeland - Peer evaluations
- Wei LinLin - Wrote peer evaluation. Worked on filling the poster.
- Milan Patel - Wrote peer evaluations & prepare poster.
- James Tran - Wrote peer evaluations & prepare poster.

o **Pending issues (if applicable)**

- Adam Cha - Finished the case and test the project inside the case.
- Adam Dau - Need to test if Joey's router will work on campus. Need to finish poster
- Joseph Freeland - none at this time
- Wei LinLin - Help testing the project inside case and combined software part. Prepare the final presentation
- Milan Patel - none at this time
- James Tran - none at this time

o **Individual contributions**

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<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>Hours cumulative</u></b>
Adam Cha	Wrote peer evaluations for Dr. Neihart. Also, picked up case and started work on getting the case ready to house the PCB and CC3200. Also worked on the poster as well. Wrote Case information for poster usage. Finished up poster.	13	138
Adam Dau	Filled out peer evals for Dr. Neihart. Picked up case and cured it at home. Did test painting on old case and implemented it on new case. Finish poster and submit it.	13	83
Joseph F.	Peer evaluations	2	75
Wei LinLin		3	48
Milan Patel	Peer evals & Poster	5	136
James Tran	Switched out new diodes for Power Supply and Poster design	5	184

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o **Comments and extended discussion**

None

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

**Adam Cha**

Task	Date	Expected outcome
Finish painting and curing the case and get it ready to have the PCB and CC3200 installed into it	4/17/17	Have a finished project

**Adam Dau**

Task	Date	Expected outcome
Have poster finished and start on final document. Also finish painting and fitting case.		

**Joseph Freeland**

Task	Date	Expected outcome

**Wei LinLin**

Task	Date	Expected outcome
Have poster finished and test the whole project.		

**Milan Patel**

Task	Date	Expected outcome


**James Tran**

Task	Date	Expected outcome
Poster Design		Finished Poster

**o Summary of weekly advisor meeting**

**Tasks (Due 1-2 Weeks):**

1. Include in presentation that we are sampling 1000 samples/sec.
2. Measure on oscilloscope of iphone
3. Write an end of the year peer evaluation.
  - a. Describe your role in the project
  - b. How you think you performed
  - c. What you think your grade should be
  - d. Your peer evaluations of your teammates (Letter grade for each of your teammates as well)
  - e. NEEDS TO BE EMAILED TO NEIHART BY END OF THE WEEK

**Things To Keep In Mind:**

Watch out for the gain shifting if we put a huge voltage, we need to protect the circuit