

EE 491 WEEKLY REPORT 11

Date: 11/28/2016

11/15/16-11/27/16

Group number: MAY1729

Project title: Garmin Power Sensor Test Fixture

Client: Jeremie Vens

Advisor: Professor Degang Chen

Team Members/Role:

Amna Aftab/Key Concept Holder #1

Brandon Floyd/Team Leader

Stephen Julich/Webmaster

Francis Wagner/Team Communication Leader

Xi Zhu/Key Concept Holder #2

o **Weekly Summary (Short summary about what you did this week)**

We spoke with our client via Google Hangout on November 11. Later that week, we submitted Project Plan Version 2. In the past week, we have begun preparing our final presentation.

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

- Xi Zhu: create parts for the design on Cadstar.
- Brandon Floyd: Applied ordered op-amps to the prototype circuit. Tested the results and ordered more of the model I preferred.
- Stephen Julich: Worked through some tutorials and examples for enabling ADC and GPIO functionality with Kinetis Design Studio Processor Expert.
- Amna Aftab: Testing the prototype design with the recently ordered resistor and op amps. Based on our preferred specifications for the opamps, finalized on couple op amp models.
- Francis Wagner: Completed Project Plan Version 2 and began working on Design Document Version 2. Coordinated weekly report.

Pending issues (if applicable)

- N/A

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Xi Zhu	See above past week accomplishments.	6	37
Brandon Floyd	See above past week accomplishments.	3	34
Stephen Julich	See above past week accomplishments.	4	38
Amna Aftab	See above past week accomplishments.	2	36
Francis Wagner	See above past week accomplishments.	2	42

o **Comments and extended discussion**

- N/A

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

- We will meet with Dr. Chen on Thursday to finalize our plans and designs before our presentation on December 5.