

EE 491 WEEKLY REPORT 6

Date: 10/18/2016

10/10/16-10/17/16

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 met with Dr. Chen on Thursday afternoon to ask him about our circuit design, and then we met as a team on Thursday night to improve our design based on Dr. Chen's comments. On Sunday morning, we met with our client Jeremie Vens to discuss our current schematic. We feel that our design is ready for breadboard build and testing.

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

- Xi Zhu: Attended two meetings with professor and client. Discussed the issues and get the idea of the original design.
- Brandon Floyd: Attended two meetings with our advisor and our client. Worked with our Garmin contact during an impromptu meeting on Sunday to figure out further details with our prototype circuit.
- Stephen Julich: Attended two meetings this week. One regularly scheduled meeting with our team advisor and another impromptu meeting with our client on Sunday in the TLA. Picked up the FRDM board and hardware that I ordered from ETG. I installed the Kinetis tools for programming and wrote a simple program. Had a short meeting with Dr. Phillip Jones for advice on project resources..
- Amna Aftab: Attended two group meetings one with advisor and another with client on sunday. Finalized the design to go with for our prototype and ordered parts. Managed meeting minutes and worked on gantt charts for project planning document.
- Francis Wagner: Attended a client meeting, advisor meeting, and team meeting. Coordinated weekly report. Coordinated project planning document.

Pending issues (if applicable)

- N/A

○ **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.	3	16
Brandon Floyd	See above past week accomplishments.	4	18
Stephen Julich	See above past week accomplishments.	5	23
Amna Aftab	See above past week accomplishments.	4	20
Francis Wagner	See above past week	9	26

	accomplishments.		
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o **Comments and extended discussion**

- We deserve to be commended for having a face-to-face client meeting on Sunday morning at 10 AM.

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

- We will spend Tuesday afternoon in the TLA working with a breadboard to create our circuit design for testing. We will have our weekly advisor meeting on Thursday afternoon, and we hope to order op amps, good resistors, potentiometers and switches at a team meeting on Thursday evening.

o **Summary of weekly advisor meeting (if applicable/optional)**

- Dr. Chen critiqued our circuit design, and we left the meeting with a more sophisticated circuit. We also decided to begin every advisor meeting with each team member summarizing his or her weekly accomplishments.