

## **EE 492 WEEKLY REPORT 5**

**Date: 9/30/2016**

Group number: DEC1619

Project title: Drive Circuitry for Ultrasound Brain Simulator

Client &/Advisor: Dr. Bigelow

Team Members/Role: Zechariah Pettit – Team Webmaster, Honghao Liu – Key Concept Holder, Miguel Mondragon – Team Leader and Communications

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

TI Launchpad programming continues. PCB design work submitted to part shop for recommendations and spot-checking. Meeting with Dr. Bigelow cancelled due to group member conflict.

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

- ❖ Tom continued work on programming the TI Launchpad with occasional assistance from Zech.
- ❖ Miguel and Zech continued working on PCB design and Miguel continues exchange of emails with part shop regarding specific questions for PCB design.
- ❖ PCB designs so far completed were submitted to the part shop alongside some questions in order to check for glaring errors.

### ✓ **Pending issues (if applicable)**

- ❖ Testing parameters still being discussed with Dr. Bigelow.
- ❖ Reworking of design documentation and presentation slides needs to begin soon.

✓ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Honghao Liu	TI Launchpad Programming, Group Meeting	4	16
Miguel Mondragon	Analog Filter Design Work, Group Meeting, Administrative Tasks	4	21
Zechariah Pettit	Amplifier Circuit Design Work, Group Meeting, Website Design Work	4	16

✓ **Comments and extended discussion**

None.

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

- ❖ Meet with Dr. Bigelow next week cancelled (again) due to scheduling conflicts.
- ❖ Zech will be working on amplifier PCB design.
- ❖ Miguel will be working filter PCB design.
- ❖ Tom will be working on programming of TI Launchpad.