

Project May15-24 Advisor: Ayman Fayed

Individual Activity Report								Hours for task
Alan Stewart	Team Lead							
	Design Document Drafting							4
	Amplifier Design							2
	Team Meetings							1
						Total		7
Troy Bowers	Communications							
	Created visuals for updated amplifier section of Design document.							3.5
	Completed PSPICE designs for Amplifier portion. Ready to begin simulations							4
						Total		7.5
Xilu Wang	Web Master							
	Revising Website							1
	Working on user interface							2
	Team Meeting							1
	Working on design doc							3
						Total		7
Dana Conrad	Team Meetings							1
	Learning PCB Tools							3
	Beginning EQ PCB work							1
							Total	
Jing Li	Key Concept Holder							
						Total		0
Kyle Maginot								
						Total		0

EQ Status

The EQ design is (hopefully) mostly complete by now. We reverted from planning on a 5v power supply to a 12v supply. The power section has been redesigned from a voltage divider to a TLE2426 which should provide a stable virtual ground and at 20 mA should be able to sink enough current for our (low power) needs. After several hours of messing around with the PCB workflow in cadence, it has been hopefully worked out to the point where we can start going through the process.

EQ TODO:

We hope to start working through the PCB process soon to account for possible mistakes and bugs in the process.