

May1733

T.E.A.M.N.A.M.E.

Dr. Geiger

Antonio Montoya, Team Leader

Braden Rosengren: Hardware Lead

Chris Little: Key Concept Holder

Christian Hurst: Web Master

Ben Wiggins: Communications Lead

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

This week saw continued progress towards the lab equipment working with the GPIB IEEE 488 communication protocol. In addition, the current pieces of lab equipment were inspected and compared to online trends and it was discovered that GPIB modules are being replaced with USB interfaces. Currently, the only piece of lab equipment that we do not have that could run off USB is the triple output power supply. Eventually, they will probably be replaced, but currently it's not feasible because the current model that uses USB does not have a negative VDC port.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Antonio	Helped with API Setup and Floobits setup	4	67.5

Christian	Revised server code for readability. Continued implementing GPIB IEEE 488 over USB with the webserver	9	95.5
Ben	Documented team meeting	1	60.5
Chris	Researched Lab equipment to find current trends	5	49.5
Braden	Helped Research GPIB communications. Fixed Errors with the breakout board's gerber files	4	53

- **Plan for coming week (please describe as what, who, when)**
 - Everyone: Start planning out and deciding on API function syntax and begin choosing necessary functions from the manuals.
 - Ben: Create GPIB template of 230 lab that involves additional functionality.