

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

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

This week, the first template for a possible test was created that should complete a EE 230 lab was finished. The GPIB testing environment was also completed this week meaning that the template should be able to be tested in the near future.

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

- Ben completed the first template that can allow for the automation of a current EE 230 lab. This will provide a basis on what the API should look like for scripting and gives an idea on some of the required functionality
- Antonio finished setting up the testing environment for GPIB completed. It is currently implemented on a laptop and can hook into the lab bench and can implement both single commands and scripts. This also will work into the design and implementation of the API.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>

Antonio	Completed the GPIB testing environment	4	57.5
Christian	Began work on GPIB console and API	3	71.5
Ben	Researched EE 230 labs and began planning out templates	2.5	57.5
Chris	Reviewed C and communication dealing with C	4	39.5
Braden	Signed out required hardware from part shop	2	45

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

- Christian, Antonio: Complete GPIB console. Plan out GUI features and work on API of time allows
- Chris: Review Python, Look through GPIB manual
- Braden: Test the revision 2 fix and if testing goes well, order revision 3.
- Ben: Create additional templates to accomplish labs to discover other necessary functionality.