Name: Salvatore Angilletta

Date: November. 8, 2016

Project: Interactive Solar Panel Display

Progress Period: Sept. 4, 2016 – Nov. 8, 2016

Project Website: <https://roflwaffle18.github.io>

Dear Kristian Medri,

I am writing upon your request to update you on our progress of our hardware project, the Interactive Solar Panel Display. Firstly, after getting our project approved I have completed two deliverables (Project Schedule and Project Budget). I have also achieved the parts acquired and power up milestones. Lastly, I created a project placard and demonstration video.

A finalized circuit has been made for our project and has been assembled. We decided that using the modular sensor hat in order to simply the circuit was a good idea. This makes our circuit cleaner and easier to understand. A python script has been made in order to get the data from all of the sensors plus the solar panel. Python was chosen for our coding platform because some of our sensors came with a python library. This makes the code easy to read and understand not only for us but for future solar panel projects as well.

Financial status of our project has not been changed.

The next tasks to be completed soon include making a box to put our project in, making some improvements to our python script to display voltage and lux in their respective measurements. Along with plans to make another PCB in order to plug our one temperature sensor and solar panel into. This will make the circuit even cleaner and we will gain valuable experience with designing simple PCB’s.