

Weekly Reflection Progress Report

This progress report is for 2018-04-09 and covers the week between that and 2018-04-02.

Answer the following questions

1. Were you able to accomplish everything you have promised to do the previous week?

I was able to accomplish everything and more. I not only finished designing the first case prototype, but I printed and assembled it. I also worked on the interface, not as much as I wanted but I learned that it takes a little longer than I expected, at least while the API is still in its infancy.

2. Are you on Task? Or are you behind? Why and why not.

I am way on task because I'm farther on the hardware than I expected to be and I already found a major bug in the firmware that I have to fix. This is good because it won't come as a surprise to me when I try to do an actual demonstration of the device.

3. What have you done for your senior project all week?

I finished the first version of the hardware prototype, tested it, and worked on the UI in a way that really lays down the foundation for client-server communication.

3.1. Websites: Identify the websites you visited for your literature review.

<https://www.3dhubs.com/knowledge-base/enclosure-design-3d-printing-step-step-guide>

<http://goinkscape.com/how-to-vectorize-in-inkscape/>

<https://forum.freecadweb.org/viewtopic.php?t=12761>

https://www.youtube.com/watch?v=ZblWD_hmp0U

<https://github.com/ractivejs/ractive/issues/1649>

<https://stackoverflow.com/questions/4708708/mysql-order-by-limit>

<https://stackoverflow.com/questions/3536670/mysql-selecting-rows-where-a-column-is-null>

https://www.w3schools.com/jsref/jsref_slice_array.asp

[https://developer.mozilla.org/en-](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/encodeURIComponent)

[US/docs/Web/JavaScript/Reference/Global_Objects/encodeURIComponent](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/encodeURIComponent)

<http://makitweb.com/check-value-exists-array-jquery-javascript/>

3.2. Citations: Cite the articles, books, journals you investigated for your senior project.

No articles, books, or journals were referenced yet.

4. What do you plan on accomplishing for next week? List at least two items.

I plan on updating the device firmware to include options for configuring network parameters.