

## **Reflection**

Overall, I am pleased with the final product that I was able to achieve through this course. I am proud of the level of functionality that the device has and I am happy with the appearance of the exterior inputs. Something that I am glad I did when beginning this project was proposing a project that did not sound completely daunting. While I learned a lot throughout the production process of this project, I could somewhat understand at the beginning of the project what steps would be necessary in order to accomplish my goal. I saw this as beneficial especially in regards to my code. Going into this project I was still only somewhat familiar with programming in Arduino. So, I was glad once it came time for software development that I had not chosen an overly ambitious concept. An area that I wish I had put more time into would be the enclosure design and finishing. I did not leave enough time for myself to develop the Fusion 360 3D model and so I ended up using a somewhat simplistic and slightly chunky design for the enclosure. In addition to the size and basic design, I also sacrificed the finish of the enclosure. I love working on aesthetics and so if I could go back I would definitely prioritize putting more time towards a more creative and efficient enclosure, as well as finishing the enclosure with a fun and vibrant look much like I had hoped for in the proposal of this project. I plan on still painting the enclosure and hopefully getting it looking a bit more complete for the project's debut at the HackBerry Prototyping Open House 2018.