

### **To Figure Out:**

- Costs
  - Hannah: Can probably chip in like \$100 - had to pay alot to the school D:.
  - Devon: Budget is tight between this and 578, so the less the better.
- Complexity
- Equipment
  - Hannah: I have a 3D printer.. Not much else, haha.
  - Nicole: I've got soldering equipment, multimeter, some power supplies and I'm trying to get an analog circuit tester ordered that has a digital scope and function generator but coming by certain parts is difficult because of covid
  - Devon: I have assorted electrical components, and I have been looking for a need to buy additional tools so if we need something this can be that motivation.

### **Brain dump:**

Farmbot - Auto waters/light/etc for plants

Smart Home stuff - Smart light switch, or smart outlet

Lightsaber - we can use this microcontroller <https://fredrik.hubbe.net/lightsaber/v5/>

We could do something with nfc chips maybe

~~Board that bounces ball (moves to keep ball bouncing)~~

Audio Visualizer, digital filtering

Sensor to detect six feet of space and pulls up face mask when that space is invaded (the facemask part is ambitious so maybe just a "social distance" detector)

A device that stores resistors and when you enter a number it drops out the right one you need(guess it could be any type of component really)

Nerf gun turret that can track motion

A device with an HDMI port and displays "FIREWALL BROKEN.... ACCESS GRANTED" when plugged into a display

Butter bot, hehe

Miniature piano

### **Meeting Times:**

## First All Hands Meeting **Tuesday 10/6/20 at 6PM**

- The time of the meeting time might change depending on feedback from Devon
- The goal is to decide on an idea as a team and discuss the next steps moving forward

