

PROTOTYPE PROCESS

Summary

The Dream Team sat down and thought out several design aspects of the final product design. The outcome of the meeting was 4 prototypes that demonstrated our ideas volumetrically and kinematically for the final prototype. As for our next steps, we will be purchasing materials for the final prototype and troubleshooting our code and circuits to ensure fidelity and robustness. The following table shows the Dream Team's prototyping process thus far. Please note that all of prototypes thus far are schmockups and are subject to change.

Prototype Name	TYPE	AUDIENCE	DESCRIPTION
Modular Stacks	schmockup, volumetric	Boss & customers	Demonstrates modular concept. Pictured are two different orientations of the resistor boxes.
Control UI	schmockup, UI	Design Team	Preliminary layout of UI. With current design, no need for user input besides the resistor measure.
Drawers	schmockup, kinematic	Customers	This design illustrates how the drawers are going to look and how they are going to move out of the housing. Each stack of three will be one unit.
Functional	schmockup, functional	Design Team	This prototype shows how the LED will be attached and how the wiring will work for each drawer.



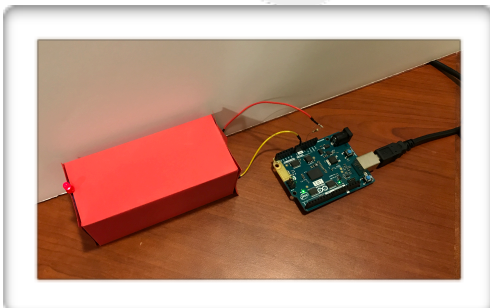
Modular Stacks



Drawers



Control UI



Functional



Modular Stacks