

Analysis and Results

Analysis

- The subsystem being built (the steampunk costume) will need stronger and more flexible material. Currently the cardboard is hard to manipulate, does not hold well, and is uncomfortable for the wearer.
- The second subsystem, the circuitry, will need to be added to this system in the final prototype. This should not be too hard to wire the circuitry on the chest since wearing a chest pad underneath allows for ample room between the user and the chest plate.
- It will be important to measure out the dimensions of the user more thoroughly for the final design so that it can fit the intended user properly.
- In the future, gears and other embellishes can be 3D printed for the costume, and the costume itself will be made of a stronger material. A shirt will be added for underneath the costume to hide the chest pad that the costume is attached to, and the strap going around the back of the costume will be a belt.

Results:





















