**Mask Dispenser Project Goals**

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**Measurable Demo Goals:**

* Dispense 1 mask with each activation
* Dispense 10 masks in a row without jamming
* LED indication for 1 mask dispensing incorrectly or the dispenser is empty
* Dispense mask within 10 seconds
* Cooldown time of 10 seconds between activations
* Should be made with a budget of $150 or less
* 100% success rate with any household outlet
* 0% human contact when collecting the dispensed mask

**Measurable Shipped Product Goals:**

* Dispense 100% of the masks in capacity in a row without jamming
* Should hold a minimum of 50 masks
* Should weigh less than 5 pounds
* Clean look with no extra holes/cuts and smooth surface (survey for approval >75%)
* Mechanisms are quiet and non-disruptive (less than 60 dB)
* 2.5 Watts maximum power draw
* Final cost for the customer should be a maximum of $80
* Able to be easily reloaded (30 seconds or less)