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Design Document

Project 3

4/30/20

## **Document Info**

I am planning to make a coronavirus apocalypse survival guide (parody of corse). I want to make a cite with three different states that show different levels of preparedness for dealing with the imminent threat of coronavirus. I would like to do these in tiers of absurdity too. Tier one being least drastic measure, and tier three being the most dramatic measure! In addition to the three measures, I will have an expositional slide that shows some information about the measure that I created and explaining how it can help you and in what situation. In total this will be 6 different pages / states - 3 interactive with the esp32 and 3 expositional slides using more processing. Now, with the thoughtful guidance from my parody program people will be prepared for the "coronapocalypse" in no time.

## **Audience**

This is intended for the average person in quarantine that needs a little pick me up during these trying times (surprise! Thats everyone). It is meant to be funny and in now way disrespectful to the current situation at hand.

## **Sketches**

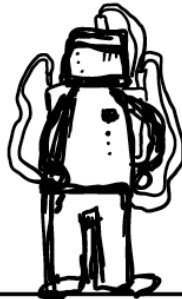
title idea-

HOW  
to SURVIVE  
The  
CORONAPOCALIPSE  
In  
2020

THE  
MASK



THE  
SUIT

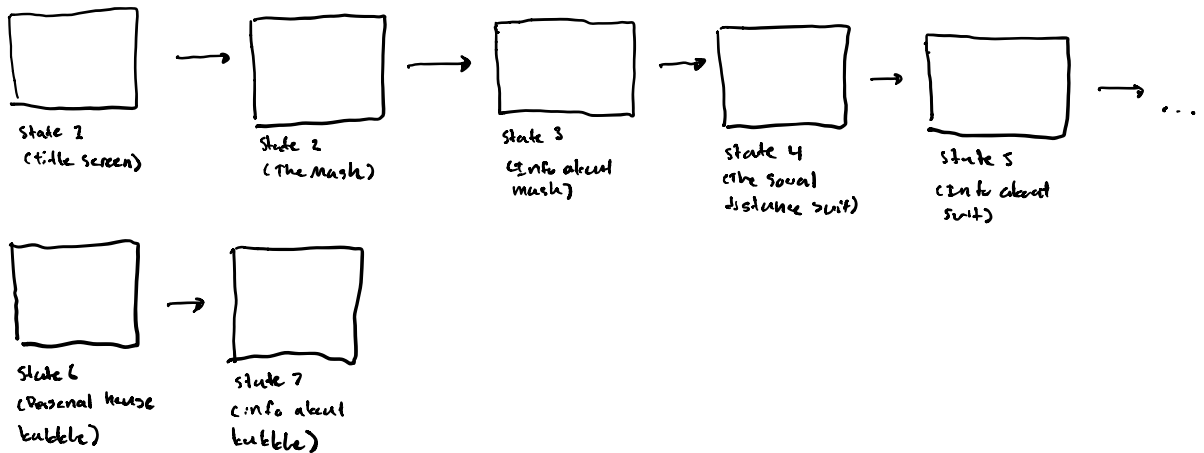


THE  
DOME



# Interaction Diagram

## State machine Diagram



## more info about state interactions

State 2 - The mask



- have a timer that pops up words about social distance terms around.
- press the button and more masks pop up.

State 4 - the social distance suit



- using the LDR ... the higher the value the more protection the lower it goes down.
- will add a pool floaty a helmet and then a helmet suit.

State 6 - the house bubble



- using the button as a "that was easy button"
- also there is a "that display 'bravely safe'"

- you can pass through these states with the keys '1 - 7'

