ART385 Design Document for Interaction Design

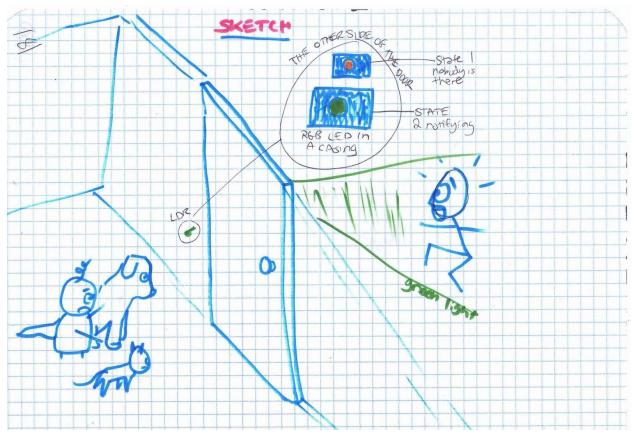
Document Info

DJ, ART385, Project 2, Due April 7, 2020

Re-state the Assignment

The assignment was to create something with at least two inputs and two outputs. It needs to utilize our hardware to create something interactive within the real world. We are to use the material and skills we have worked on thus far, to design and implement our projects.

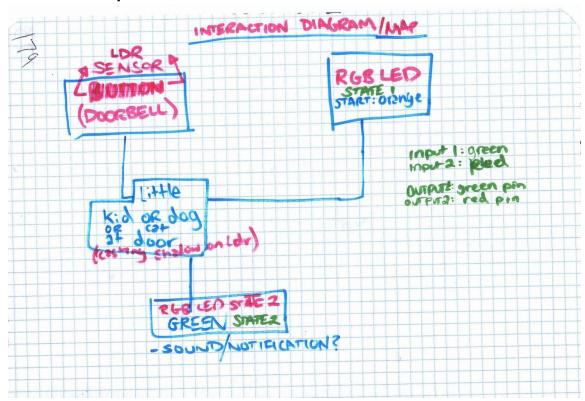
Hand-drawn sketches



Overall Concept

My overall concept is very simple. I utilized an RGB LED and an LDR because I didn't have very many options for materials to work with. The concept is a notification system, to notify if someone is at the door. This could be particularly useful for children and pets. In a perfect world, I would have the LDR by itself–not on the breadboard–on the outside of the door, and the LED on the inside of the door. I also would have added a speaker, to add a sound notification, but I didn't have any compatible speakers. I also removed the blue cord to the LED and decided not to use blue so that I could use the resistor for the LDR.

Interaction Map



Schematic Diagram

