Design Document for LED Complexity
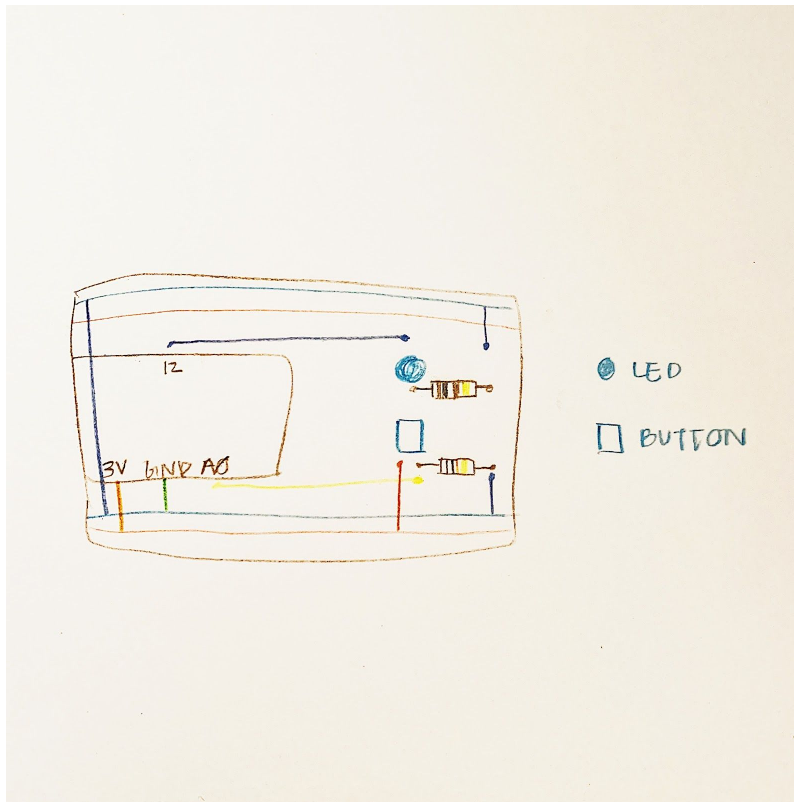
Information

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ART385
Assignment: LED Complexity
Due Date: 17 March 2020

Restated Assignment

This assignment attempts to make an LED light up in an interesting way, excluding the methods explored in class (high when button is held, on/off switch, flashing passively). I decided to make the LED flash rapidly when held.

Schematic Diagram

Reflections

This assignment seemed to sneak up on me while I was preoccupied with real life craziness, so it's not my best or most creative work. I certainly appreciate that I've now figured out what rapidly flashing LED code might look like, as I'm considering some kind of alarm-like complexity for the upcoming project. I wish I had the time to figure out the RGB LED to make this submission more interesting, but I guess I'll just have to push that back to when I can afford time to work with it.

The digital schematic diagram tools were too much of a headache for me to work with this time around, and I find it easier and faster to just show how my components are connected on paper for now.

I'm not all that confident about exploring new ways of wiring things. For now I think I rely too heavily on the class resources/diagrams.