

ART385 Design Document for Interaction Design

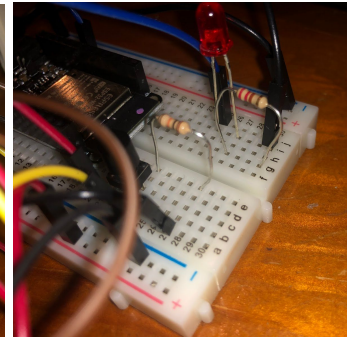
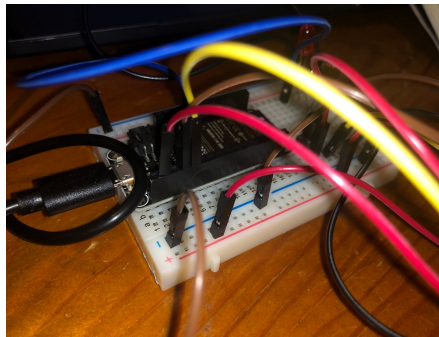
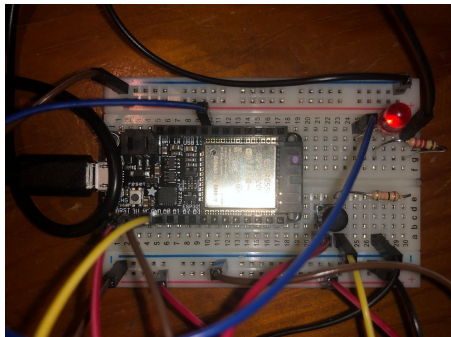
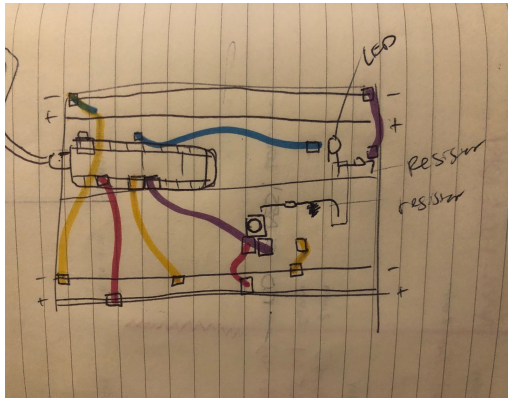
Document Info

DJ, ART385, Simple State Machine, Due March 24, 2020

Re-state the Assignment

The assignment is to use a state machine to change the state of an LED. It has to be when our button is pushed 4 times, something happens. We need to use at least 1 LED it can be a single color or RGB.

Hand-drawn sketches (Nothing changed concerning the layout since the last assignment)



Reflections

I ended up not changing the layout from the previous weekly assignment because it was a good enough layout to work with one LED and button pressing. I also utilized the sketch from the last weekly assignment but changed it so that there are 8 states. States 1-3 the LED is turned off, and it is turned on from 4-7. Then it resets to state 0 where the LED turns back off. This was a very challenging assignment for me, and I don't think I could have figured anything out if I had tried to do the RGB LED's or changed the layout of the breadboard. It was frustrating to look at example code, and go over the resources but not fully understand what everything does and means. I found it most enjoyable when the project was completed and I could see the final result.