

ART385 Design Document for Interaction Design

The ART385 Design Document emerges from a few different sources, including traditional [software design documents](#) and interface design workflows. The idea is to convey a design and code structures that run along with it.

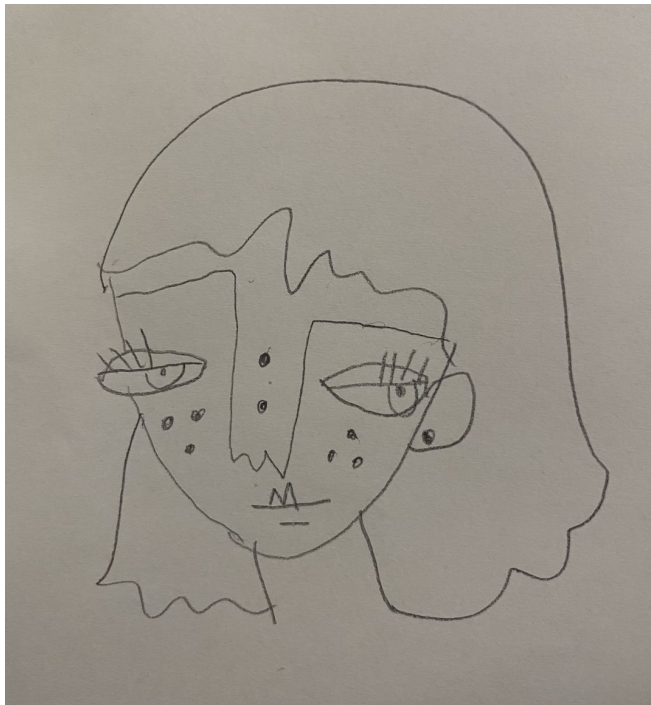
Document Info

Natalie, ART385, CSP to P5.js, 13 February 2020

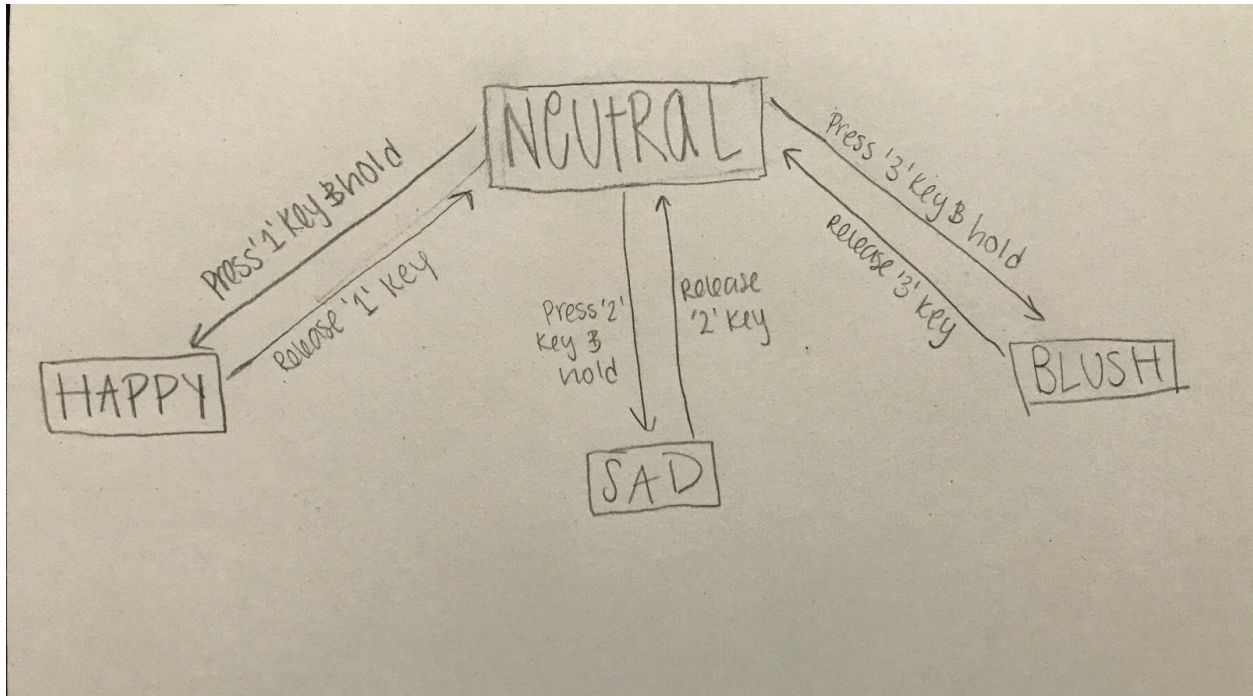
Re-state the Assignment

This assignment was to transfer our Code Self Portraits from Processing to P5.js. We also complicated our portraits, giving them emotions using interactive calls such as `keyPressed()`. This assignment also expanded our skills in the usage of state machines- which were necessary for our emotions.

Hand-drawn sketches



Interaction Diagram (Interface Design)



Reflections

Transferring my portrait from Processing to P5.js was much easier than translating my sketch to Processing. While there was still a lot of trial and error when coding my emotions, it was a lot less of placement guessing and more coding and syntax trials. My only complaint with this assignment is a personal one due to my style choice. Since my portrait was so abstract, it was hard to figure out how to add emotions such as happy, sad, and blushing without it looking plain weird.