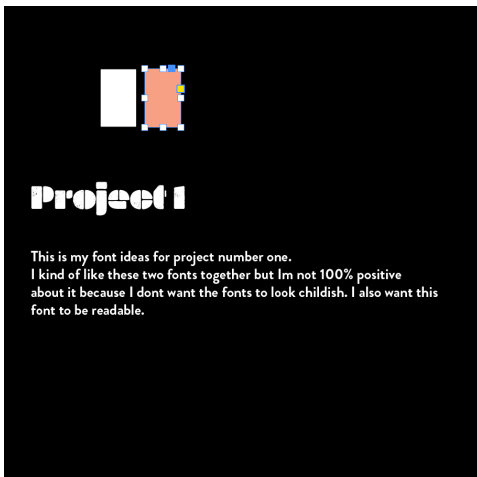


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ART385  
Project 1: State Machines in p5.js  
02/27/20

## Audience

The audience for this first project are young men and women who are training in ballet and looking for the best ballet school to attend for their summer intensive.

## Hand-Drawn Sketch (computer drawn)



### PROJECT IDEA:

- A. audience = children
  - B. pick 5 animals that might be scary for kids/ones that aren't that common (each is a different state machine)
  - C. create cute illustration for animal w/gif or animation?
  - D. have fun facts about the animal
  - E. interact with the fun facts/illustration
- 
- A. audience = non-artists
  - B. pick 5 different artists ~~or~~ pick 5 different artistic mediums
  - C. fun facts about the artist ~~or~~ fun facts about the medium
  - D. illustrations for artist ~~or~~ medium
  - E. interactions for each
- 
- A. audience = high school students picking an art major
  - B. pick 5 different art majors
  - C. career choices and classes you will have to take for each
  - D. illustrations showcasing the difference between them all
  - E. interactions for each
- 
- A. audience = young ballerinas
  - B. 5 different ballet schools ~~or~~ companies
  - C. fun facts about each, informing audience so they can pick where they want to audition
  - D. illustrations for each school/company
  - E. interactions for each school/company
- 
- 5 schools: ABT, SAB, PNB, SFB, BW
  - size = 500p x 500p

## Interaction Diagram

N/A

## Software Design

This project includes the basics of p5 like variables, setup function, draw function, and drawing shapes, as well as some advanced concepts. I used state machines for each school and its assets: the body text and vector drawings. The "homepage" includes my project title and directions to press the number one on your keyboard. After doing so, the first page for the ballet school will appear. Once in this page, if you click on the screen, the text underneath the school title will rotate through by using an array. Each

text box is a fact about the ballet school. Unfortunately, I am getting some glitching as the array won't loop back to zero for some reason. As you go down the line from numbers one to five, you will see each ballet school and its fun facts! I plan to fix my looping problem as well as animate my vector images in some way by Tuesday!

### **Reflections**

I feel that I did not have enough time to complete this project to my full ability. Like I said above, I will be adding an interaction with my vector images as well as fixing some buggy errors in my project. I enjoyed working on this because I felt like it was much more personal than the weekly assignments are and it's always fun sharing something you love with other people! I would love to refine this piece in some way by adding more schools, possibly more interactions, and facts and house it in a web page in the future.