Music Interface

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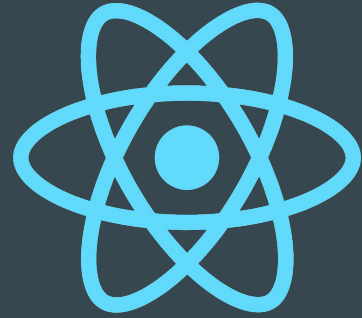Kevin Bartushak, Justin Drum, Tammy Le

The Problem

- ADN 460 students created an AV Instrument
- Users interact with the AV Instrument in a motion-tracking space
- Static settings (pre-selected themes and blob colors)

How can we make this interactive space more dynamic and engaging for users?

Our Solution

- Creating a touchscreen interface for the space
- Allow for user and theme customization
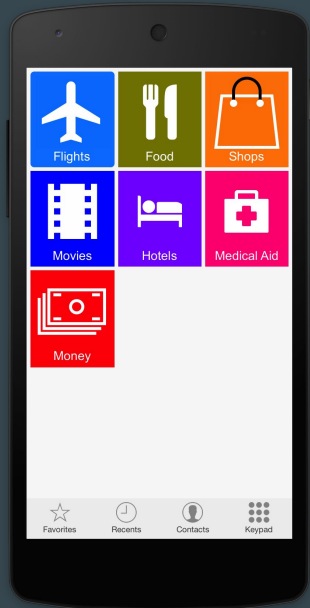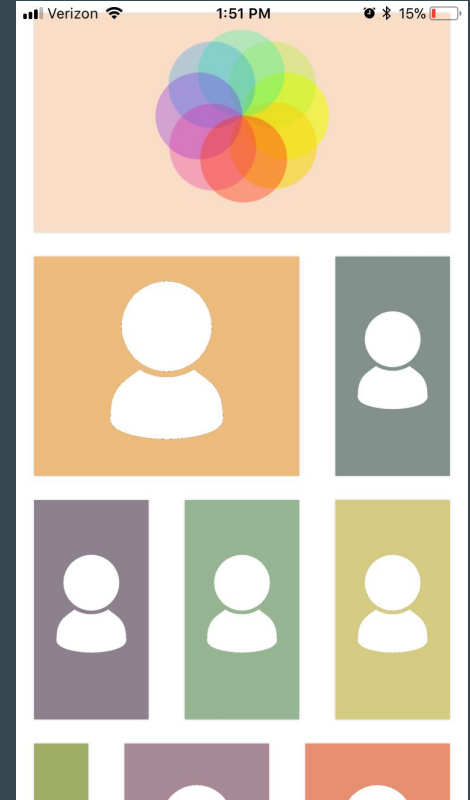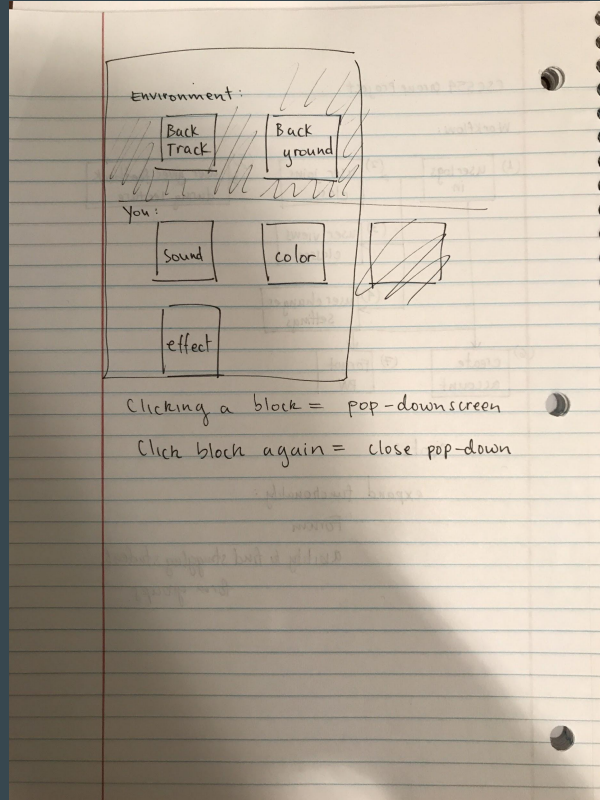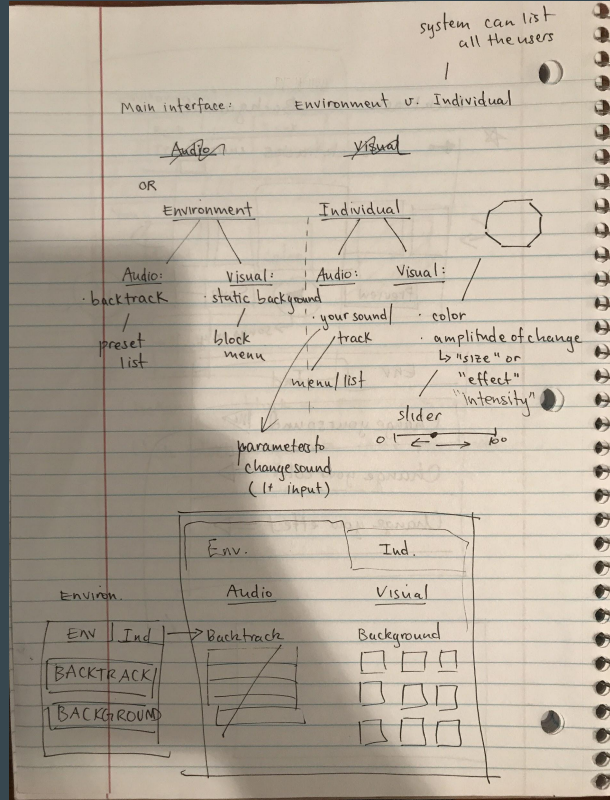- Make the experience both communal and personal

Live Demo!
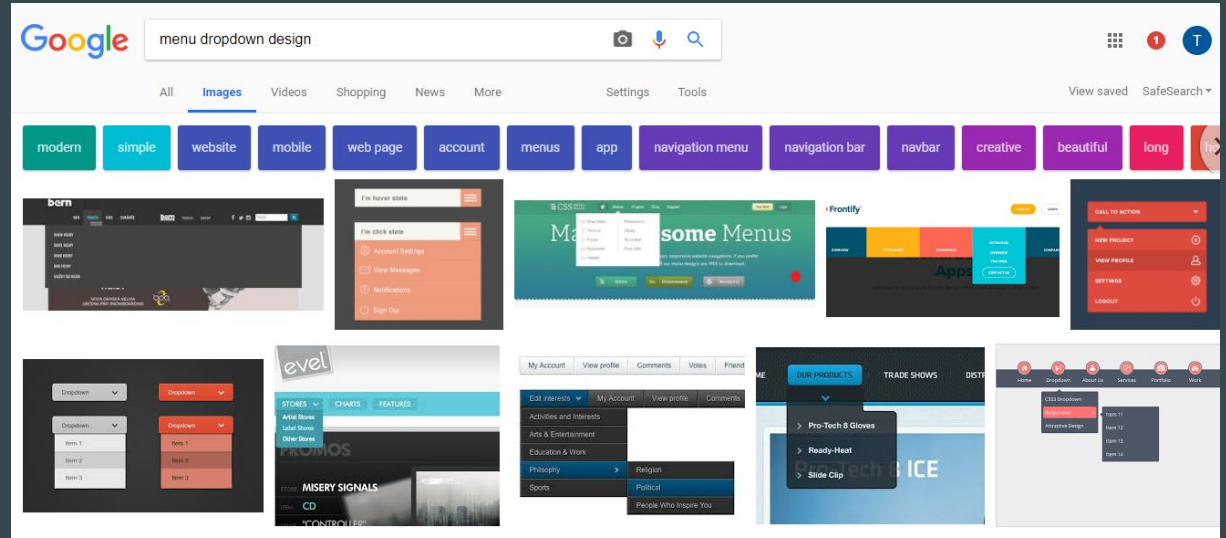
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Menu Design Idea

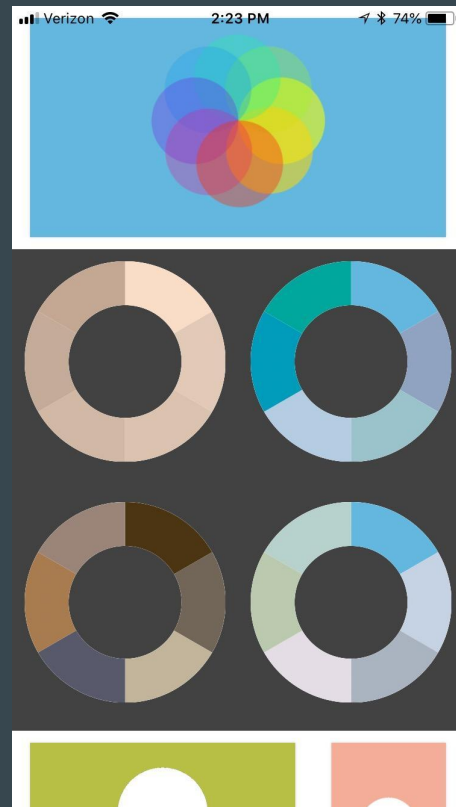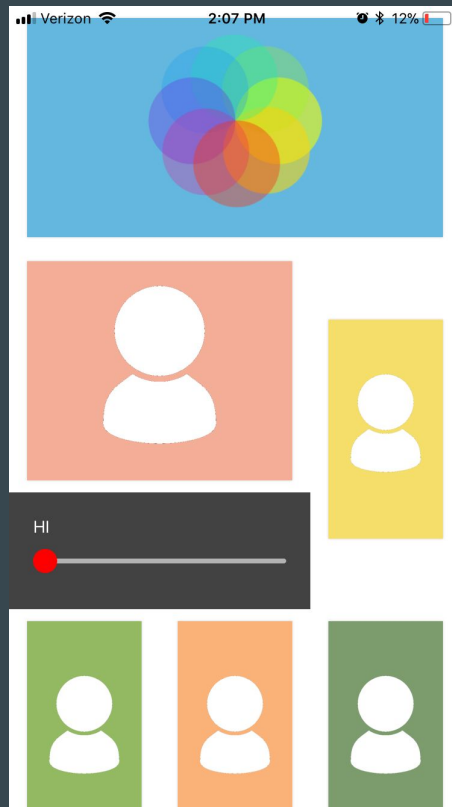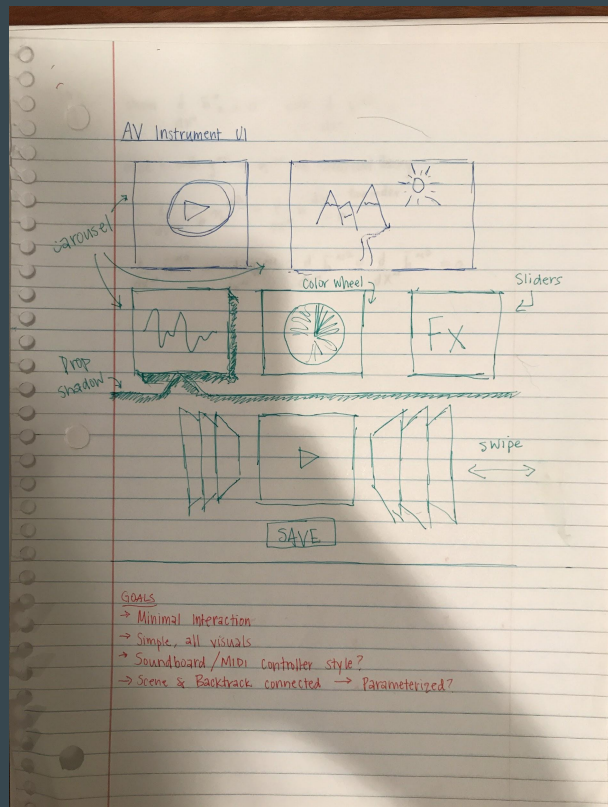Goal: Tile layout

Idea → Reality

Settings Design Idea

Goal: Dropdown menu

Idea → Reality

Our other contributions

- Assisting in Processing code reorganization & implementation to communicate to React Native

- Game of Life implementation

Challenges

- Did not anticipate the amount of time spent finding a way to communicate between React Native and Processing
  - Difficulty with OSC

- Working with the development timeline of the design students

Future Work

- Limited time = could only implement visual settings for users

- Expand settings that users can manipulate
- Recognition of user upon approaching interface