

Ashley
Art 385
Project 1
Due: 27 February 2020

Audience:

This project is geared towards music and guitar playing beginners. These beginners would learn about string and their accompanying note placement as well as begin training their ears to what each note sounds like. The physical interaction would happen in the home or anywhere a laptop can reasonably be setup. Interaction would happen through use of the laptop's mouse pad or mouse as well as through certain keys.

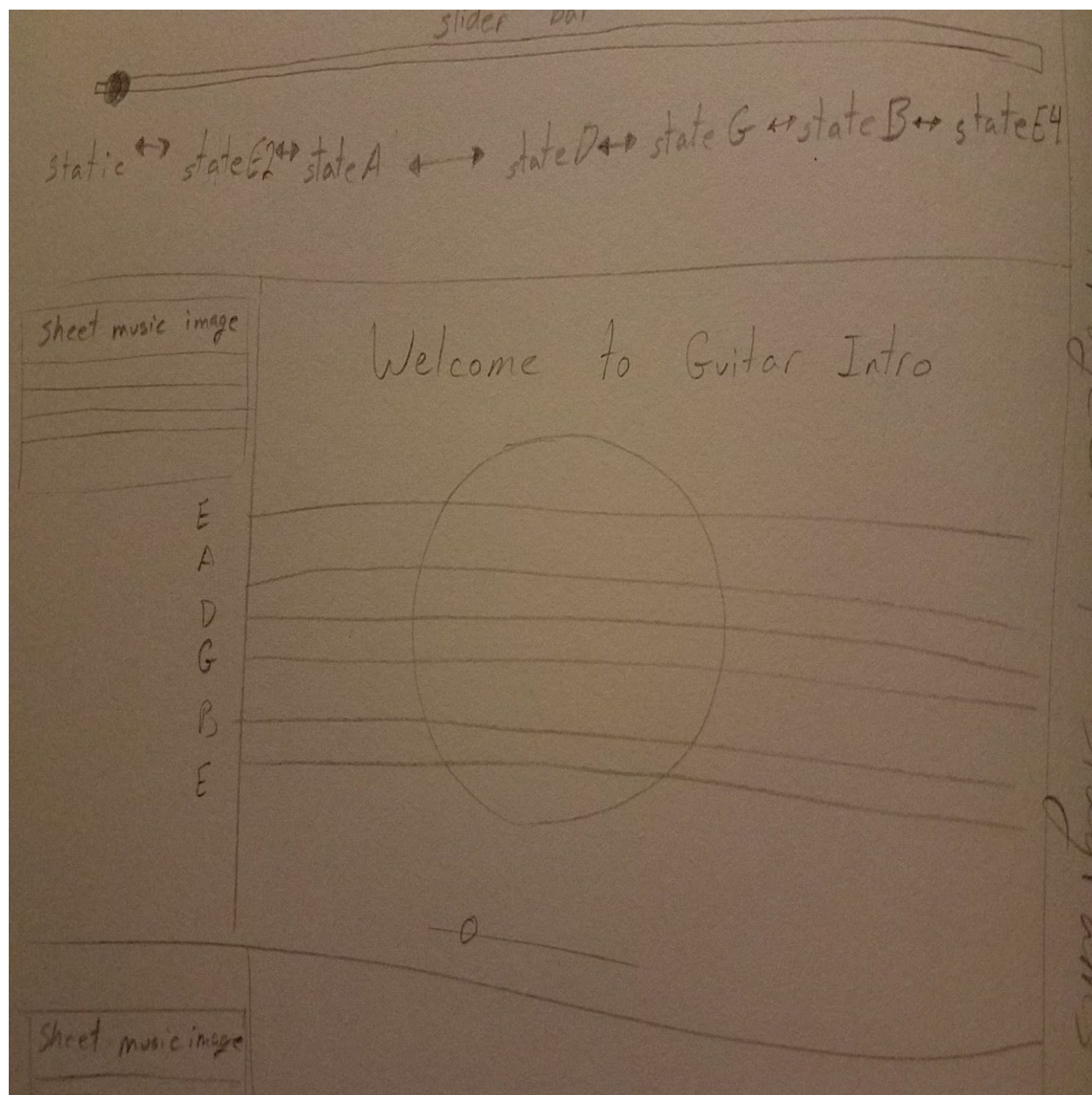
Idea:

The project's concept is to teach the music notes of each open guitar string. As the user goes between states, each string will be highlighted, the note played, and an image will appear of the note on sheet music in the correct key for a properly tuned guitar. There will also be a press "P" to play a progression of the open strings to increase comprehension of how notes can be put together. Overall the goal is to create comprehension on what each note sounds like as well as how the note can be achieved on the strings.

Aesthetic:

Just as the project concept is simple, so is the design. The imagery imitates looking at the center of a guitar as well as a distinct, clear area where the notes and note placement can be seen. Clean lines and bright colors draw user attention to focus on each component.

Interaction map & states:



State Machine

static

state E2
state A
state D
state G
state B
state E4

mouse hover
changes state

slider bar

static ↔ state E2 ↔ state A ↔ state D ↔ state G ↔ state B ↔ state E4

Sheet music image

E
A
D
G
B
E

Welcome to Guitar Intro

Sheet music image

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Project 1 Diagrams