

Homework 14: Navigation and Visual Information Design

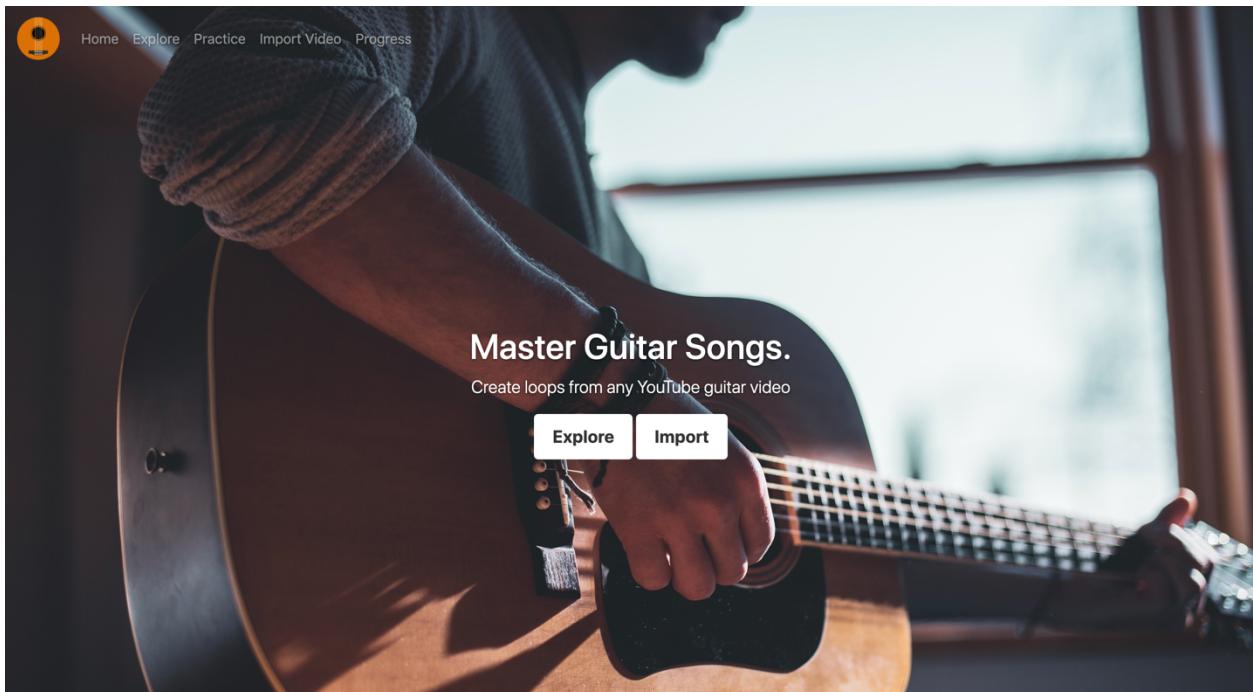
1. Restate idea for final project

- a. Person: Guitar Enthusiast, Guitar Student, Life Learner
- b. Media: Video, Audio
- c. Interaction: Create and save loops to replay specific parts of the song
- d. Goal: Master difficult parts of a guitar song
- e. Visible:
 - i. Removal of loops to indicate mastering of part
 - ii. Completed recording of the user playing the song
 - iii. User marking that a song is mastered
 - iv. More than 10,000 seconds logged for a song
 - v. Bonus: 10,000 hours logged for total = mastering guitar

2. Navigation: 5 unique states

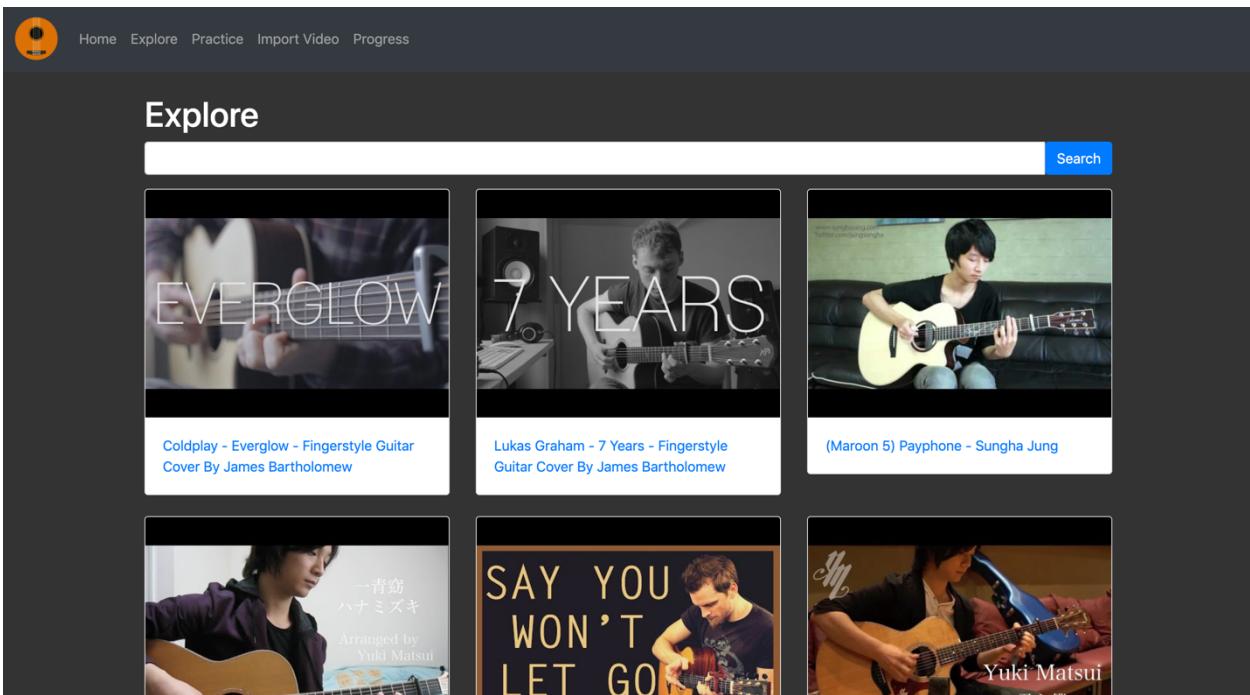
1. Home State

a. Screenshot:



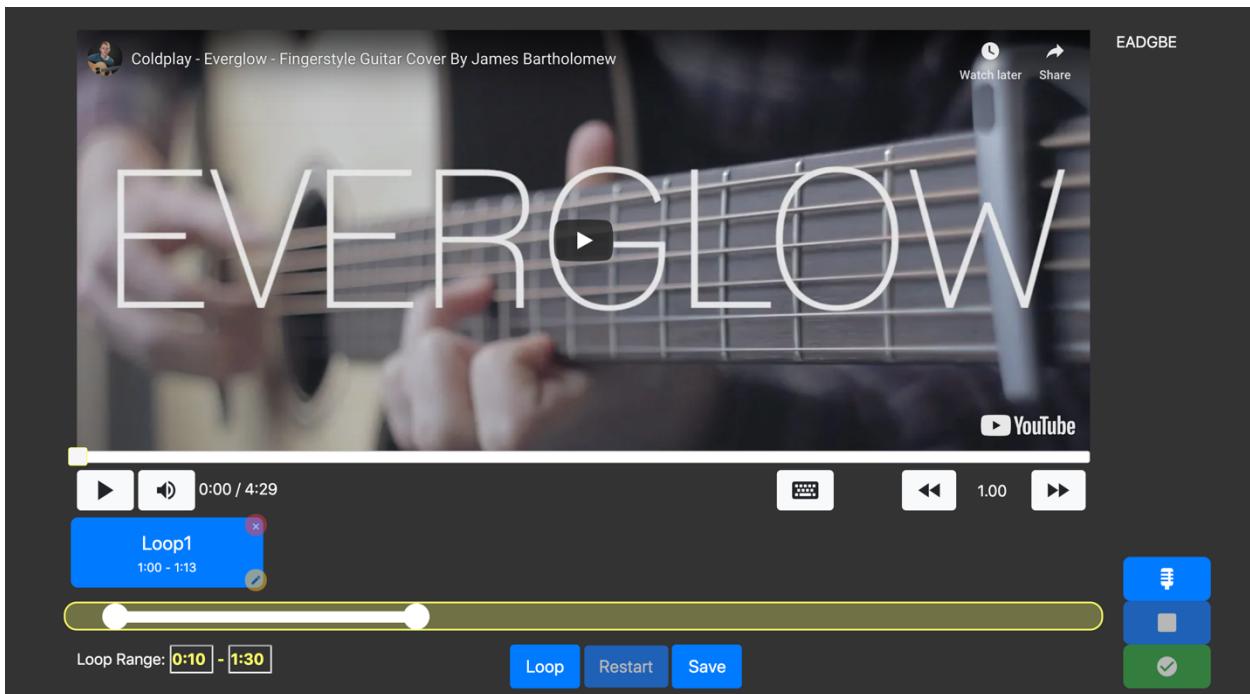
b. State: Inform user of purpose of app and starting steps

- c. Options: main highlighted Explore or Import video, can also get to all other states from navbar
 - d. Transitions: select explore or import button
2. Explore State
- a. Screenshot:



- b. State: search for videos in the database
 - c. Options: all the videos
 - d. Transitions: select a video
3. Practice/Video State

a. Screenshot:



- b. State: practice/master songs by creating save loops
- c. Options: play/pause/speed video, create/play/save loops, practice/record yourself
- d. Transitions: click/check progress

4. Import Video State

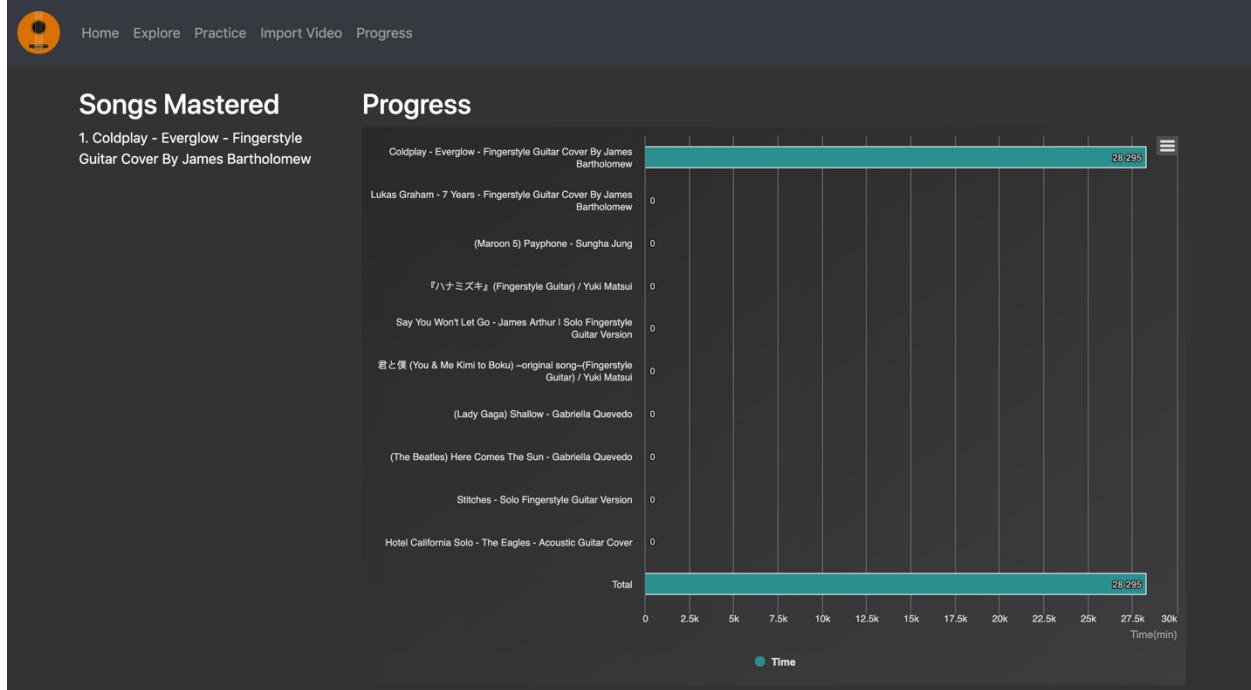
a. Screenshot:

A screenshot of the "Import Video" state in the application. At the top, there is a navigation bar with links: Home, Explore, Practice, Import Video, and Progress. Below this, the title "Import Video" is centered. There are four input fields: "Video Name" (containing "Name"), "Video URL" (containing "https://www.youtube.com/watch?v=<videoid>"), "Artist" (containing "Artist"), and "Tuning (Optional)" (containing "EADGBE"). At the bottom left, there is a blue "Import" button.

- b. State: import/add new video to database
- c. Options: input fields, import video
- d. Transitions: with valid import can click on link to lead to new video

5. Progress State

- a. Screenshot:

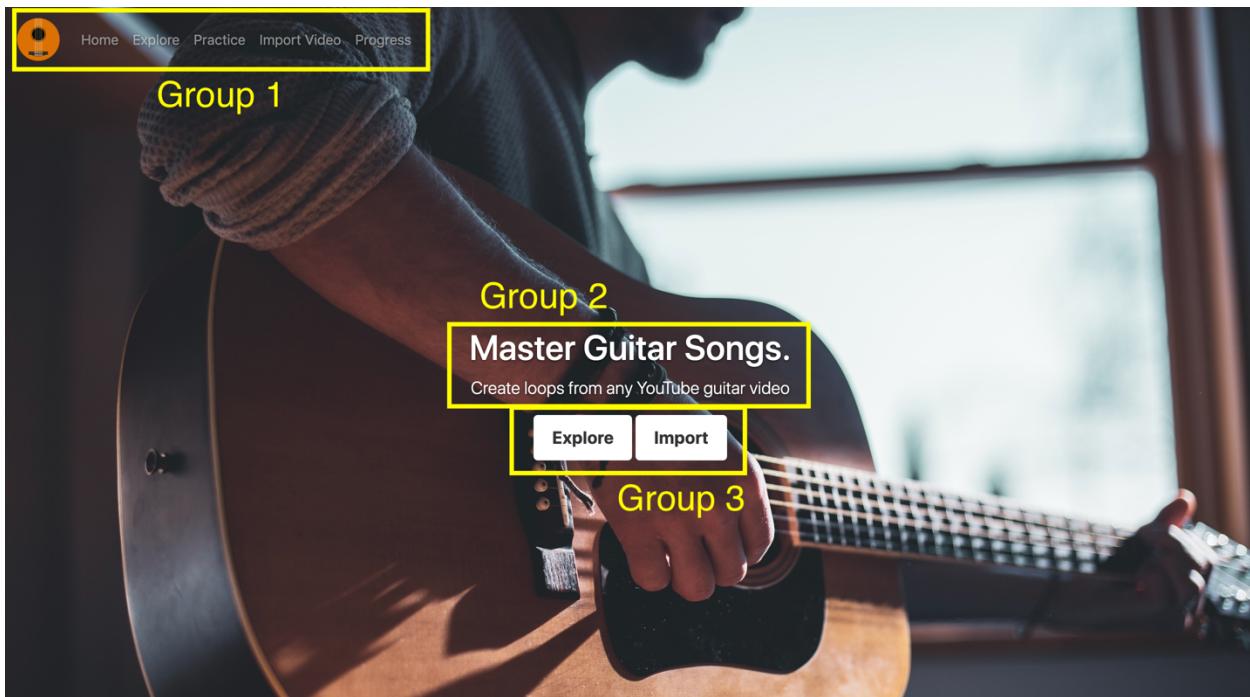


- b. State: check progress of songs
- c. Options: time input graphs and list of mastered songs
- d. Transitions: go back to other pages through navbar

3. Visual:

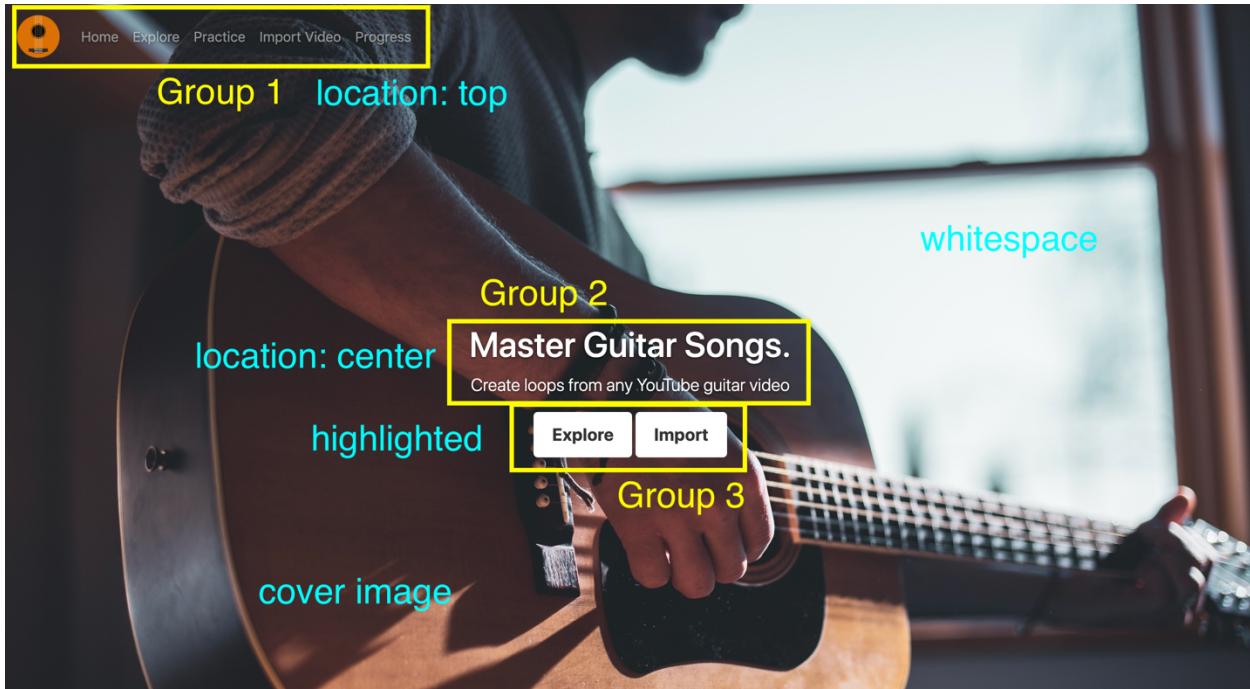
1. Home State
 - a. Conceptual Groupings:

i. Navbar, purpose, buttons (screenshot)



ii. Location, whitespace, images

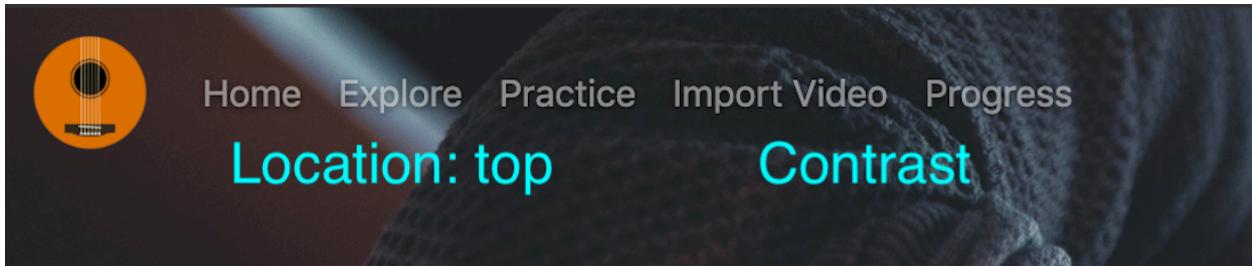
iii. Annotated screenshot



b. Group 1:

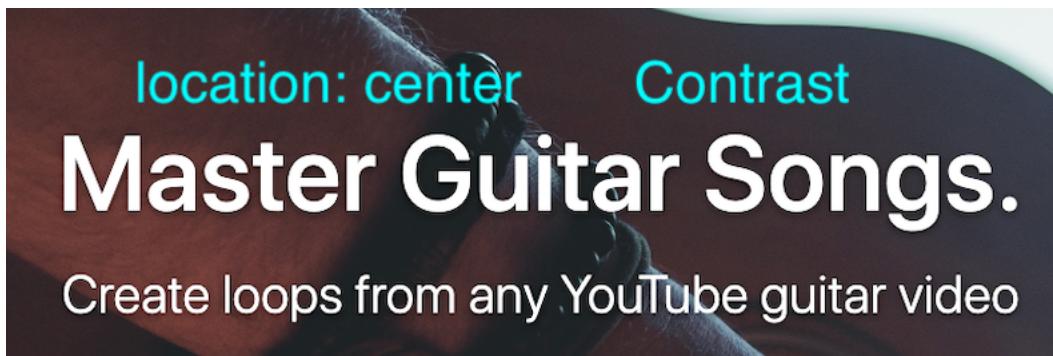
- i. The clickable sub-headers
- ii. Location, contrast

- iii. Annotated screenshot



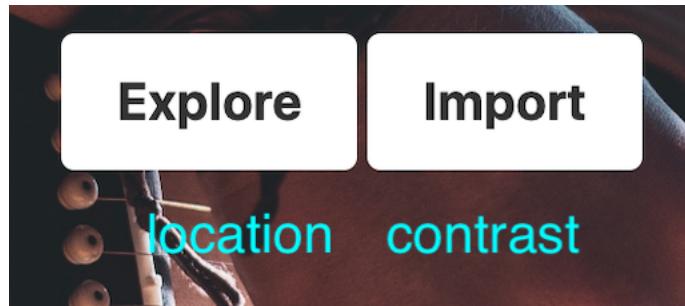
- c. Group 2:

- i. The brief but clear description of purpose of app
- ii. Location, contrast
- iii. Annotated Screenshot



- d. Group 3:

- i. Main transition functions
- ii. Location, contrast
- iii. Annotated Screenshot



2. Explore State

- a. Conceptual Groupings:

i. Navbar, searchbar, results

The screenshot shows a dark-themed mobile application interface. At the top, there is a navigation bar with icons for Home, Explore, Practice, Import Video, and Progress. Below the navigation bar is a search bar with the placeholder text "Explore". To the right of the search bar is a blue "Search" button. The main content area is titled "Group 1" and contains a grid of six video thumbnail cards. Each card features a large title (e.g., "EVERGLOW", "7 YEARS", "(Maroon 5) Payphone - Sungha Jung") overlaid on a small video still. Below each title is a subtitle providing details about the cover (e.g., "Coldplay - Everglow - Fingerstyle Guitar Cover By James Bartholomew", "Lukas Graham - 7 Years - Fingerstyle Guitar Cover By James Bartholomew", "(Maroon 5) Payphone - Sungha Jung"). The first column of thumbnails is labeled "Group 3" on the left, and the second column is labeled "Group 2" on the right. The entire grid is enclosed in a yellow border.

ii. Location, size, images

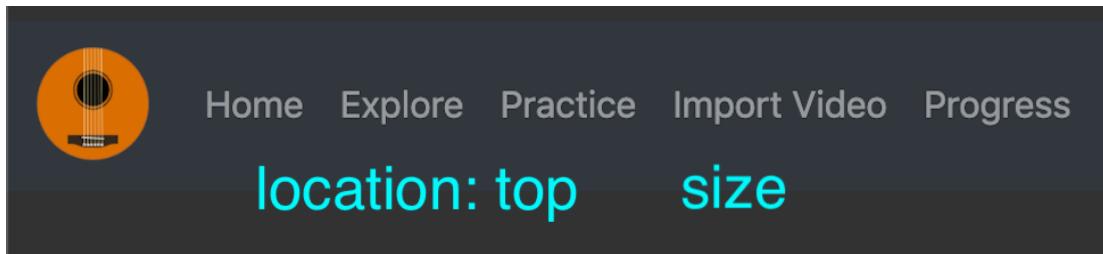
iii. Annotated screenshot

This annotated screenshot highlights several components of the application interface. A yellow box labeled "Group 1 location" encloses the first three video thumbnails in the top row. Another yellow box labeled "size" encloses the second row of thumbnails. A third yellow box labeled "Group 2" encloses the last three video thumbnails in the top row. On the far left, a vertical column is labeled "Group 3" above the first row of thumbnails and "images" above the second row. The overall layout is identical to the first screenshot, showing a grid of six video thumbnails with their respective titles and subtitles.

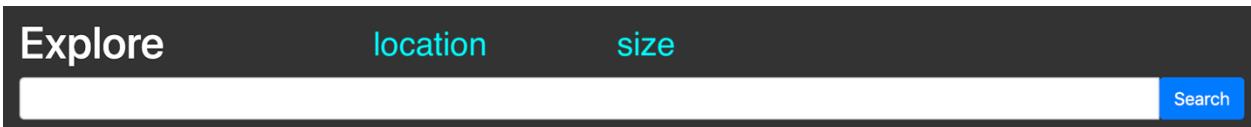
b. Group 1:

- i. The clickable sub-headers
- ii. Location, size

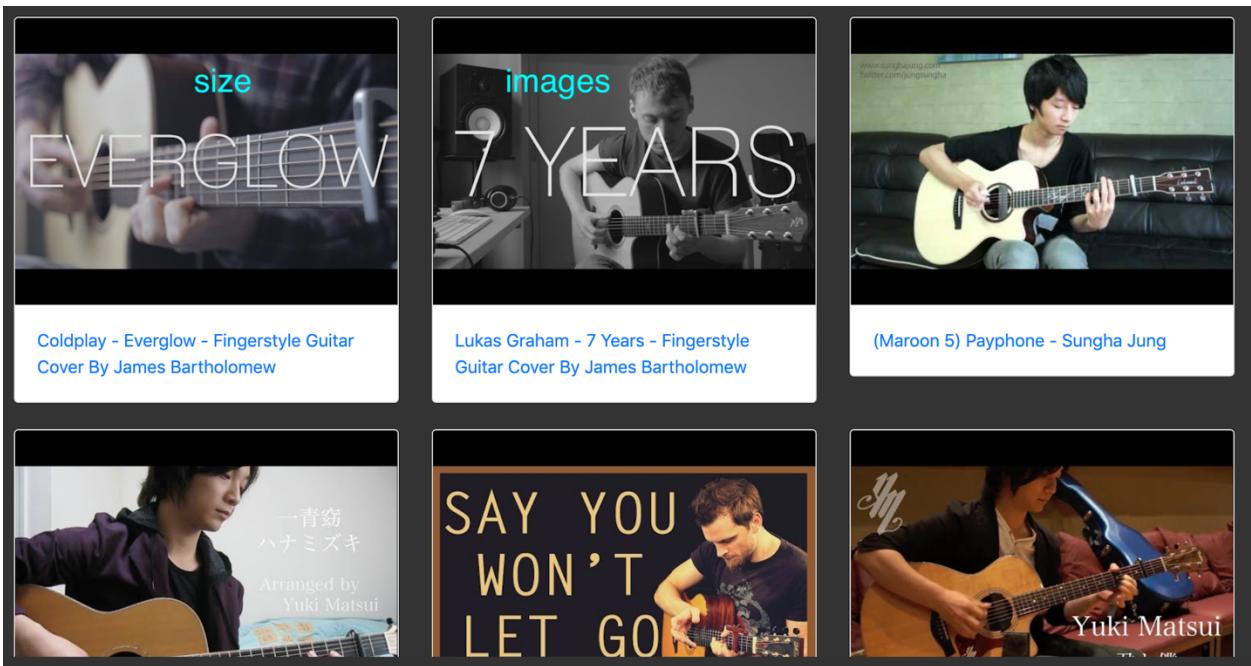
iii. Annotated screenshot



- c. Group 2:
- Explore/search bar
 - Location, contrast
 - Annotated Screenshot



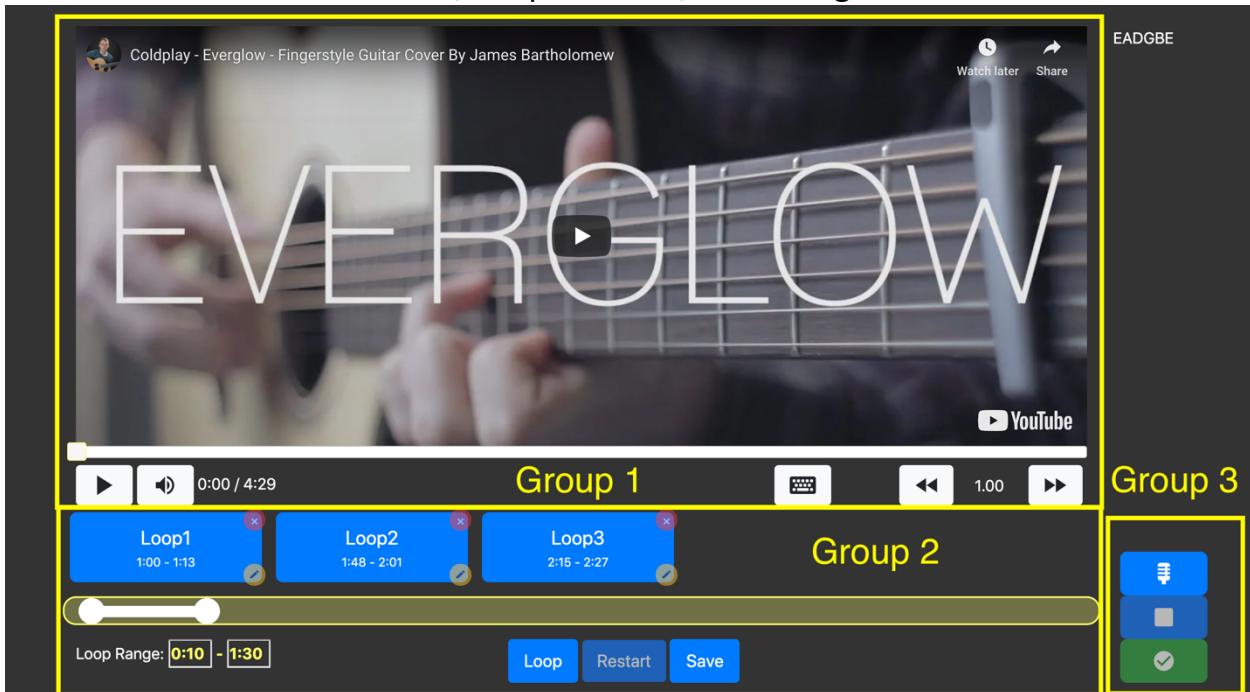
- d. Group 3:
- Results grid
 - Size, images
 - Annotated Screenshot



3. Practice/Video State

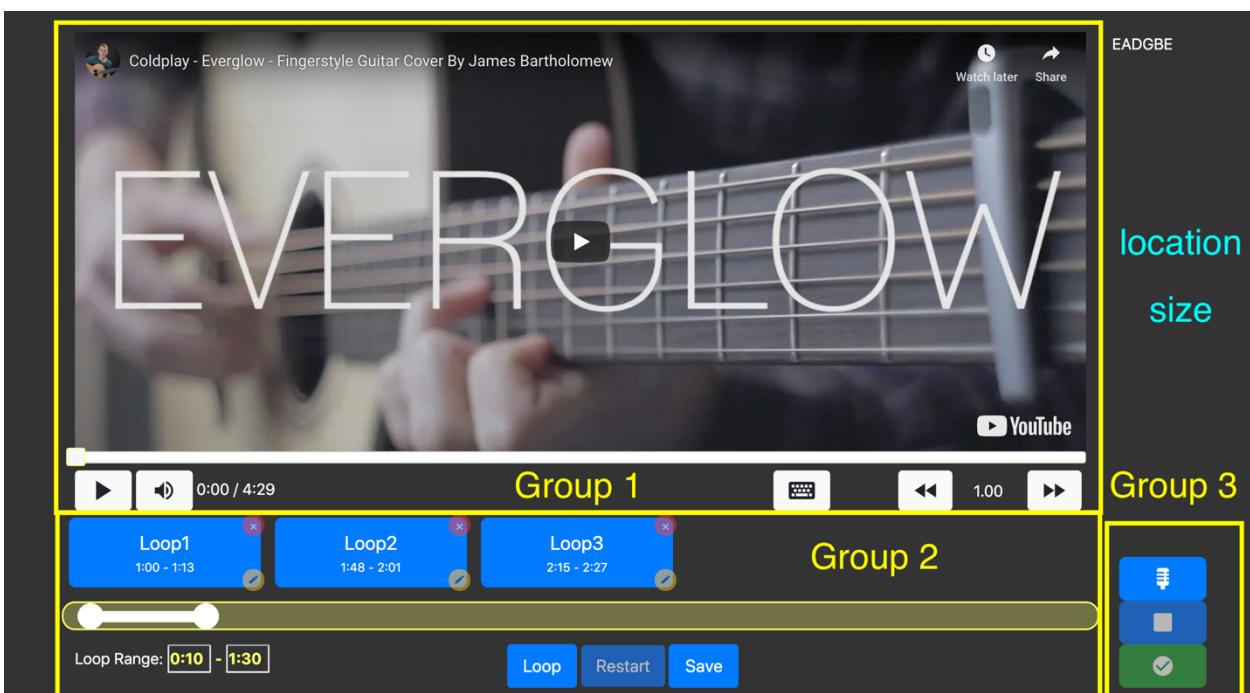
a. Conceptual Groupings:

i. Video Controls, Loop controls, Recording controls



ii. Location, size

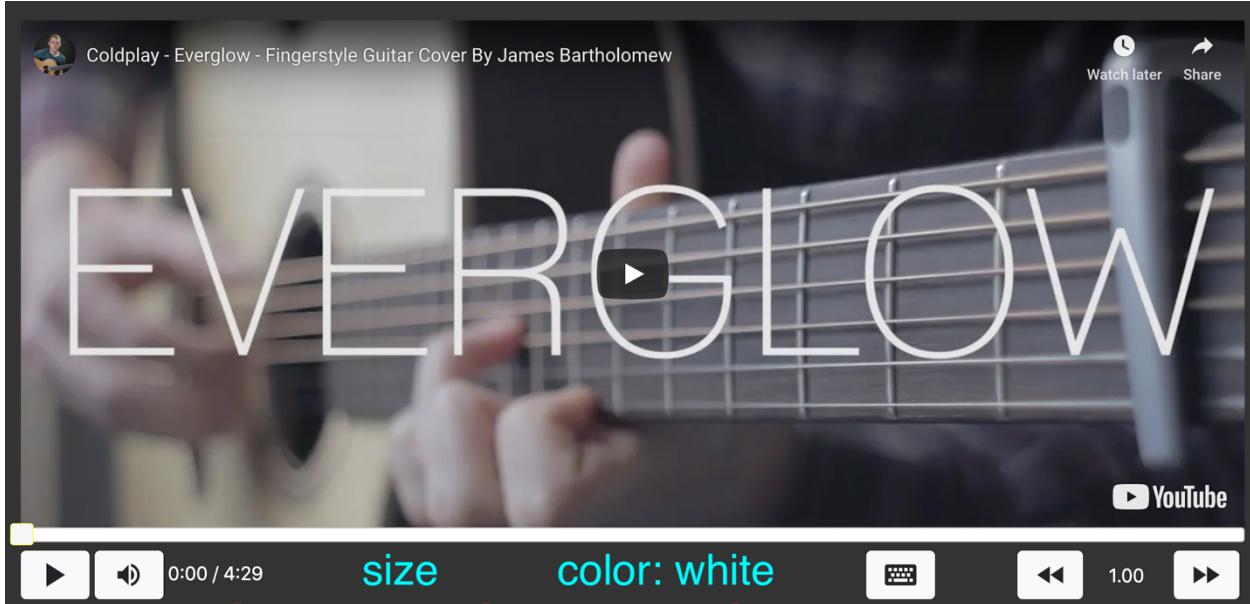
iii. Annotated screenshot



b. Group 1:

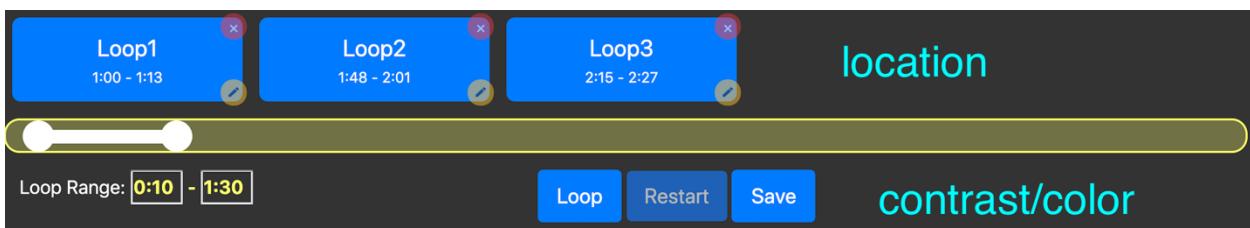
i. Video controls

- ii. Size, color
- iii. Annotated screenshot



- c. Group 2:

 - i. Loop controls
 - ii. Location, contrast/color
 - iii. Annotated Screenshot



- d. Group 3:
 - i. Recording controls
 - ii. Location contrast
 - iii. Annotated Screenshot
- The image shows a user interface for a recording application. It features a dark background with several blue and green buttons. The word "location" is written in cyan above the first two buttons, and "contrast" is written in cyan next to the third button. The first two buttons are blue and contain icons: a microphone and a square. The third button is green and contains a white checkmark. This interface is annotated with cyan text to highlight specific controls.

4. Import Video State

- a. Conceptual Groupings:
 - i. Navbar, Input, Submit

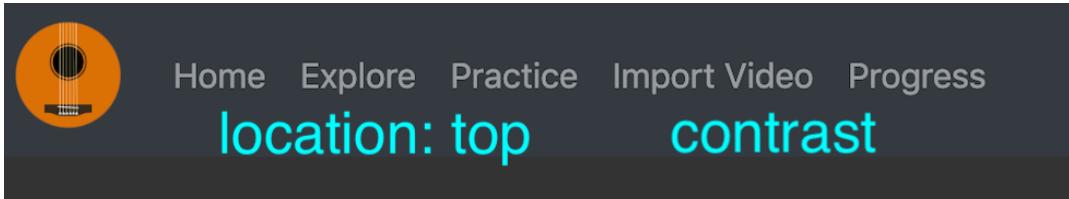
The screenshot shows a dark-themed web application interface. At the top, there is a navigation bar with links: Home, Explore, Practice, Import Video (which is highlighted in blue), and Progress. Below the navigation bar, the main content area has a title "Import Video". This title is enclosed in a yellow rectangular box labeled "Group 1". The form fields below the title are also enclosed in a yellow rectangular box labeled "Group 2". These fields include "Video Name" (with "Name" input and "Artist" input), "Video URL" (with "https://www.youtube.com/watch?v=<videoid>" input), and "Tuning (Optional)" (with "EADGBE" input). At the bottom of the form, there is a blue "Import" button. The entire form area is labeled "Group 3".

- ii. Location, whitespace
- iii. Annotated screenshot

The screenshot shows the same dark-themed web application interface as the previous one. The navigation bar and "Import Video" title are identical. The form fields and "Import" button are also present. A yellow rectangular box labeled "Group 1" encloses the "Import Video" title. Another yellow rectangular box labeled "location" encloses the entire form area. The word "whitespace" is written in cyan text at the bottom right of the form area.

b. Group 1:

- i. The clickable navbar headers
- ii. Location, contrast
- iii. Annotated screenshot



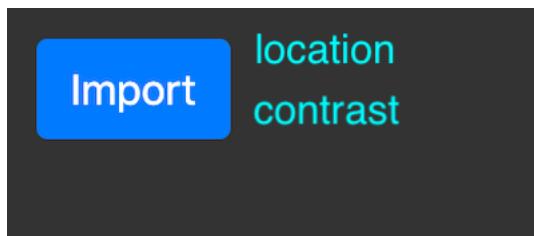
c. Group 2:

- i. Input fields
- ii. Location, whitespace
- iii. Annotated Screenshot

A screenshot of an 'Import Video' form. The form includes fields for 'Video Name' (placeholder 'Name'), 'Video URL' (placeholder 'https://www.youtube.com/watch?v=<videoid>'), 'Artist' (placeholder 'Artist'), and 'Tuning (Optional)' (value 'EADGBE'). Overlaid in cyan text are the words 'location: center' and 'whitespace', likely referring to the layout of the form fields.

d. Group 3:

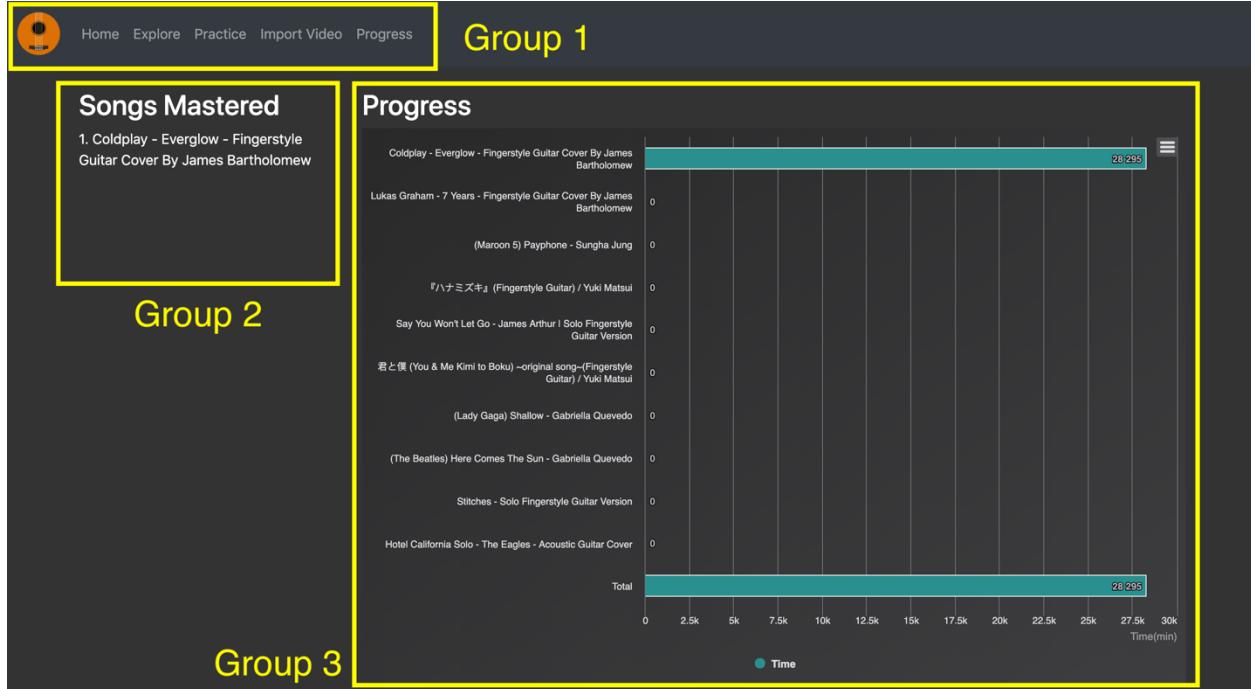
- i. Import button
- ii. Location, contrast
- iii. Annotated Screenshot



5. Progress State

a. Conceptual Groupings:

- i. Navbar, mastered songs, progress time



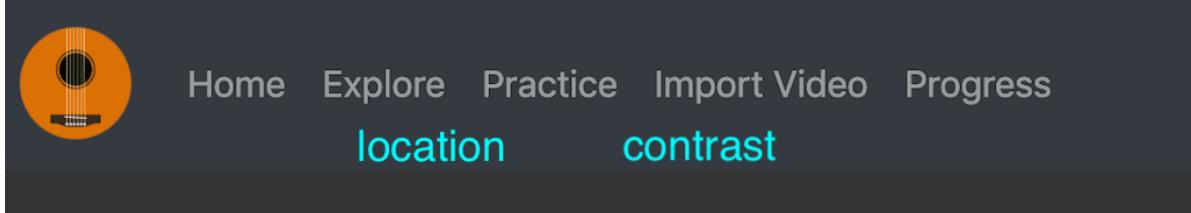
- ii. Location, size, images

- iii. Annotated screenshot



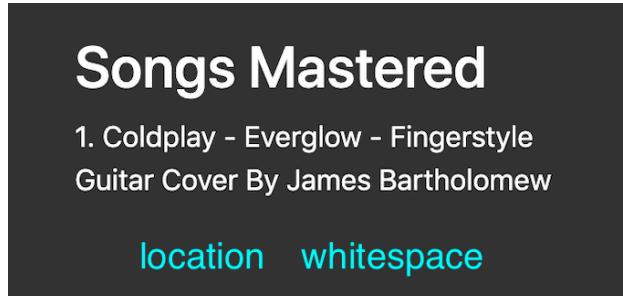
b. Group 1:

- i. The clickable navbar
- ii. Location, contrast
- iii. Annotated screenshot



c. Group 2:

- i. Mastered Songs
- ii. Location, whitespace
- iii. Annotated Screenshot



d. Group 3:

- i. Progress Time
- ii. Size, contrast
- iii. Annotated Screenshot

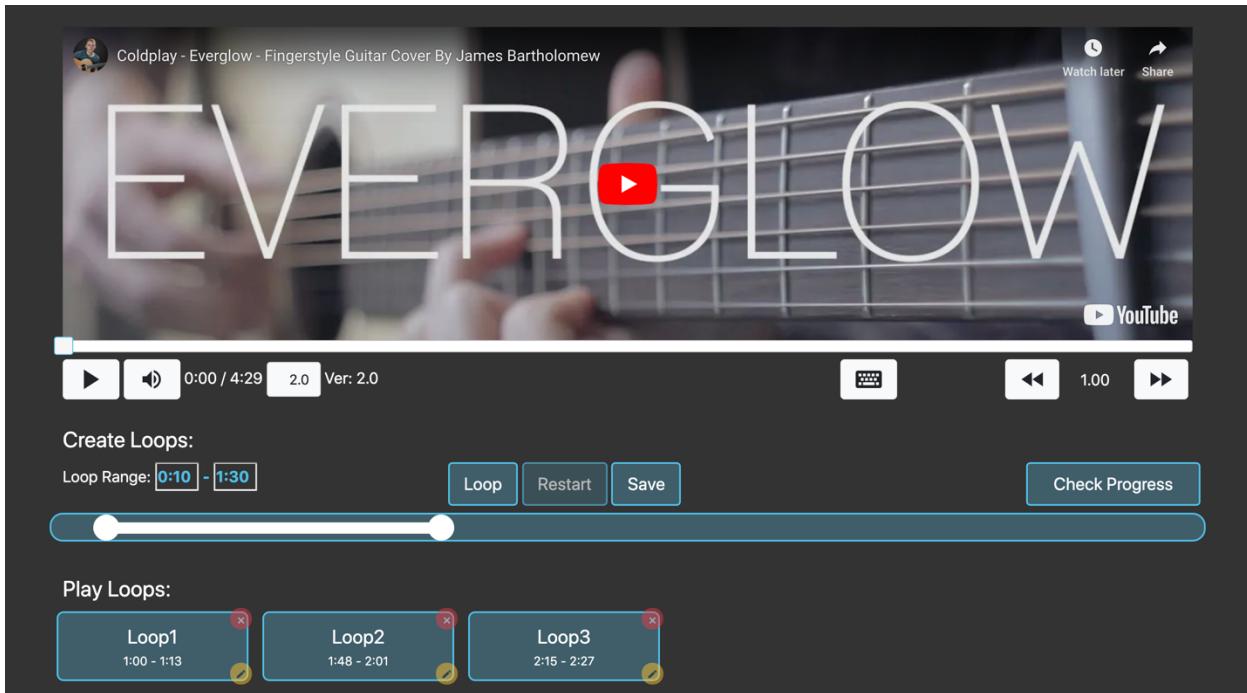


STILL IN PROGRESS VERSION 2.0 OF PRACTICE PAGE

- Made some changes after meeting on Wednesday
- Don't have time to make more changes

Practice State

- o Screenshot:

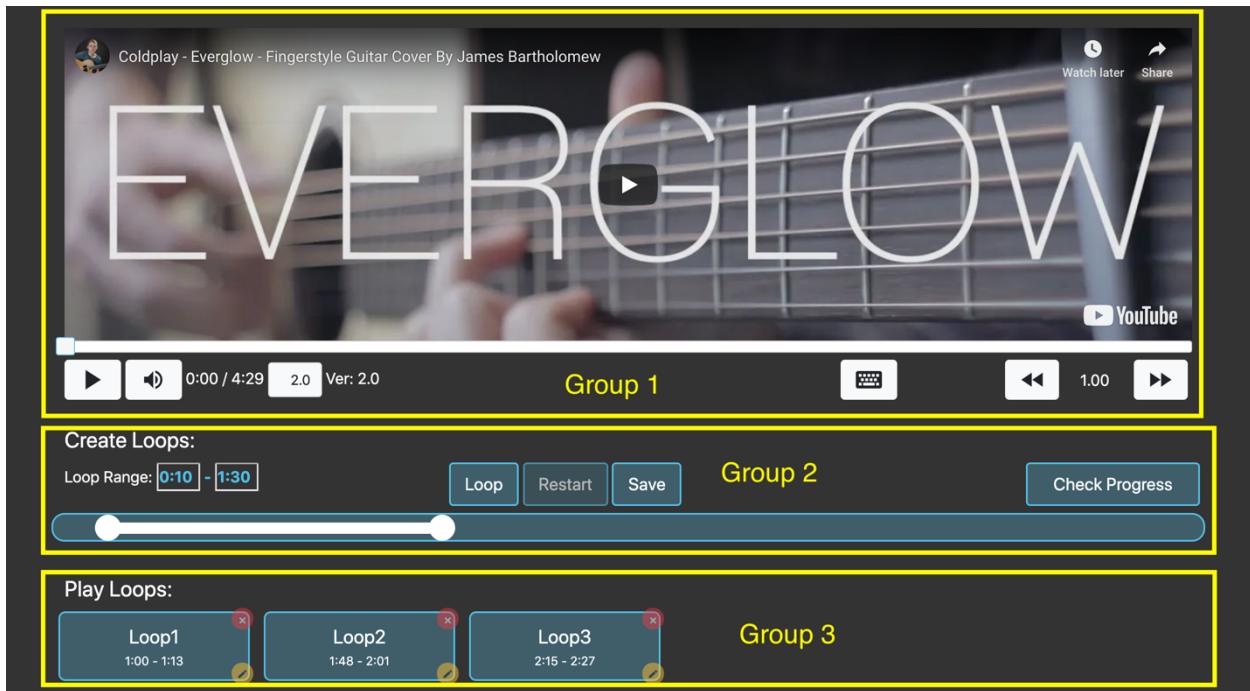


- o State: practice/master songs by creating save loops
- o Options: play/pause/speed video, create/play/save loops, practice/record yourself
- o Transitions: click/check progress

Groupings

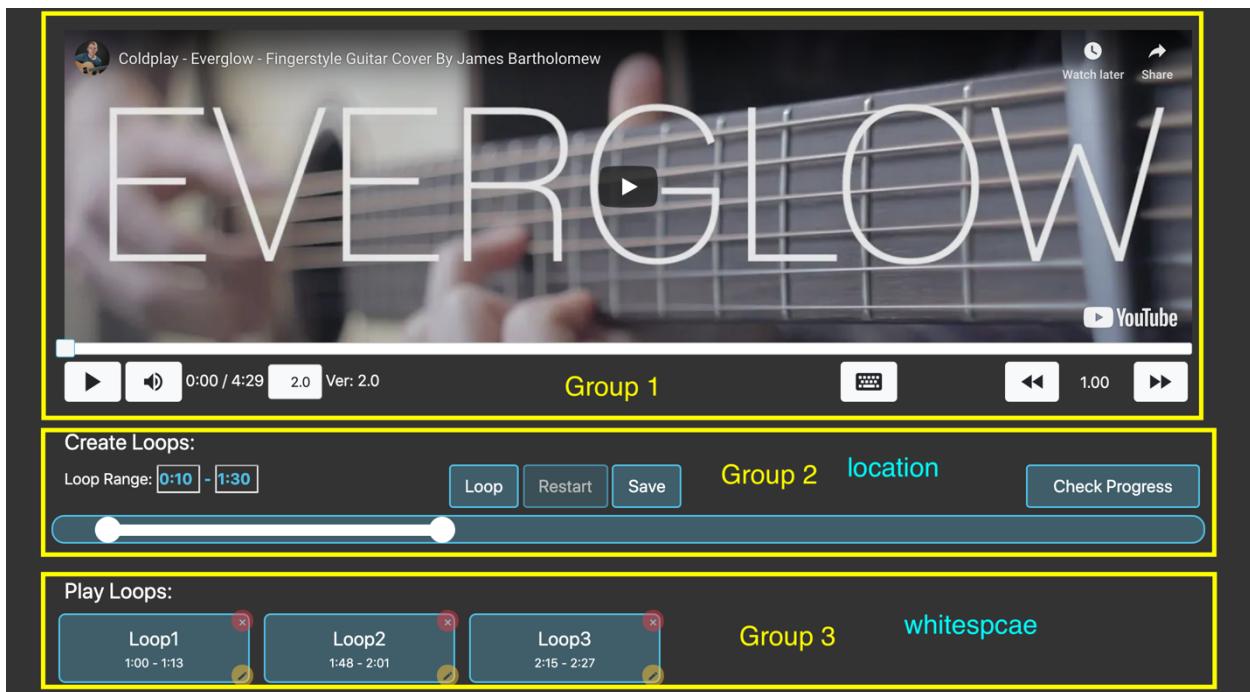
- a. Conceptual Groupings:

i. Video Controls, Loop controls, Recording controls

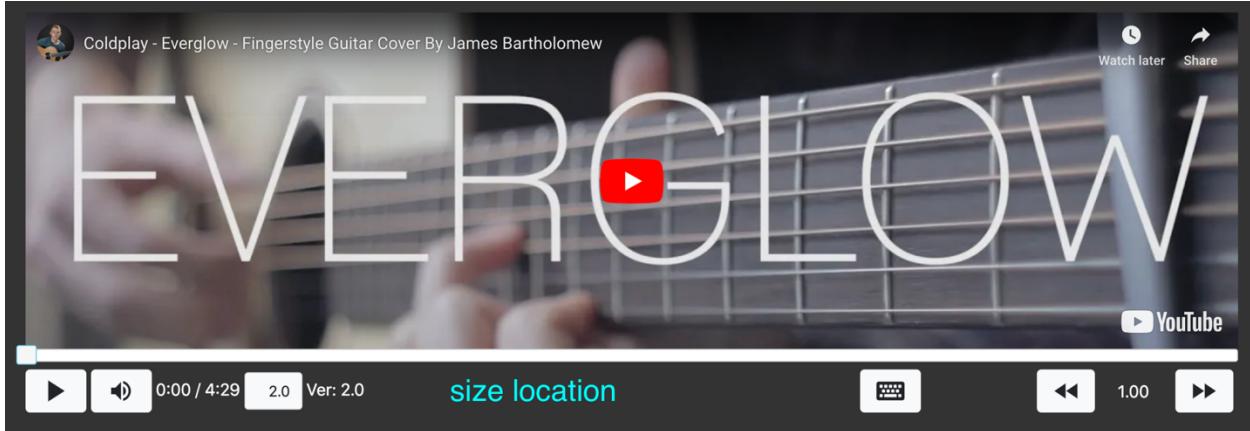


ii. Location, size

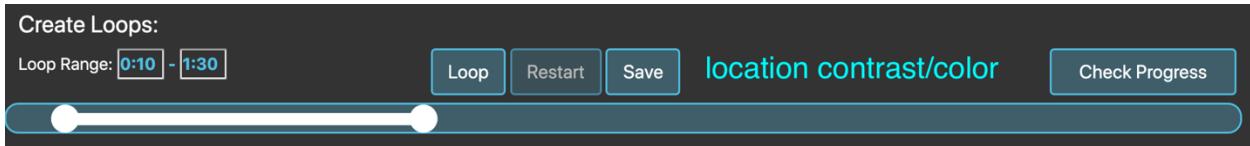
iii. Annotated screenshot



- b. Group 1:
 - i. Video controls
 - ii. Size, color
 - iii. Annotated screenshot



- c. Group 2:
 - iv. Create Loops
 - v. Location, contrast/color
 - vi. Annotated Screenshot



- d. Group 3:
 - iv. Play Loops
 - v. Location contrast
 - vi. Annotated Screenshot

