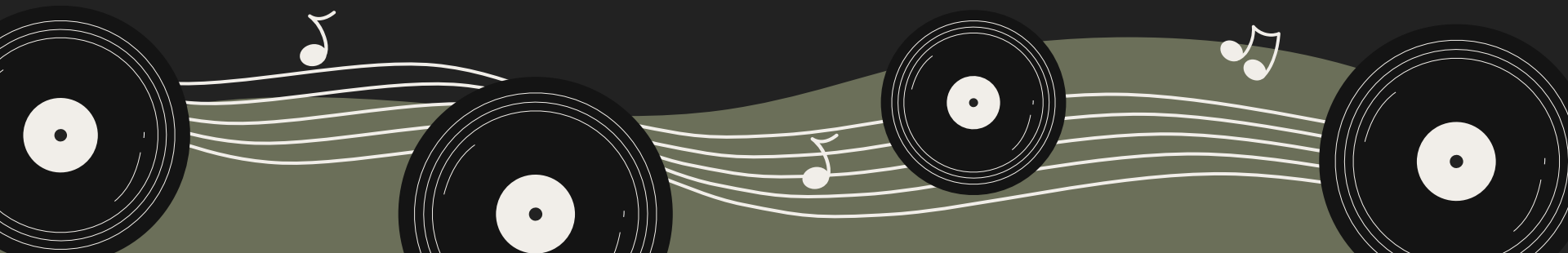


# Interactive Medium-Fi V2

Sonare



# Team Members



**Bianca  
Chung**



**Brian  
Huang**



**Carlos  
Espinola**




# Value Proposition

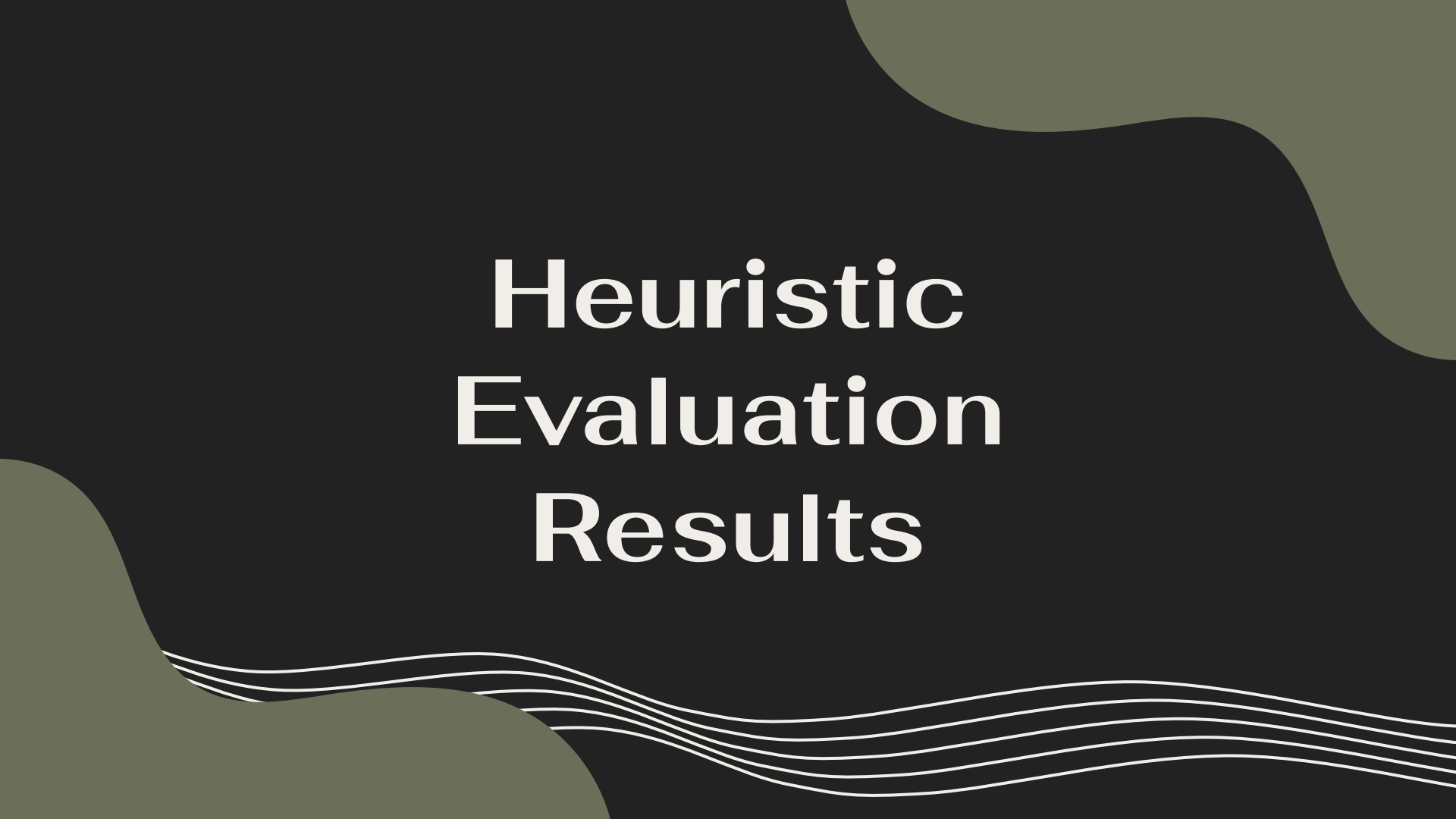
**Value Proposition:** Enhance musical practice through community engagement and collaborative tools.

**Problem Statement:** Musicians often practice in isolation without easy access to collaborative tools and community feedback.

**Solution Overview:** A comprehensive platform that not only tracks individual progress but also allows for mixing tracks, sharing music sheets, and community engagement.

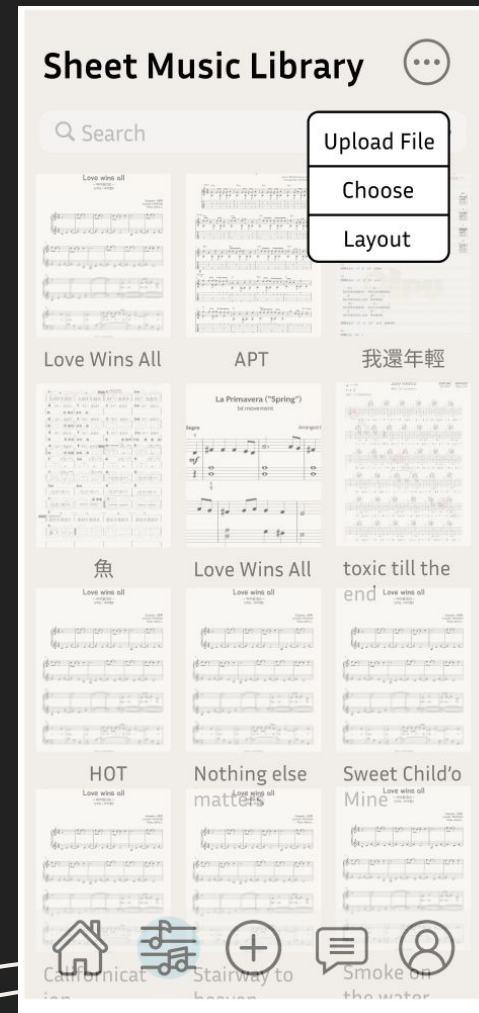


# Heuristic Evaluation Results

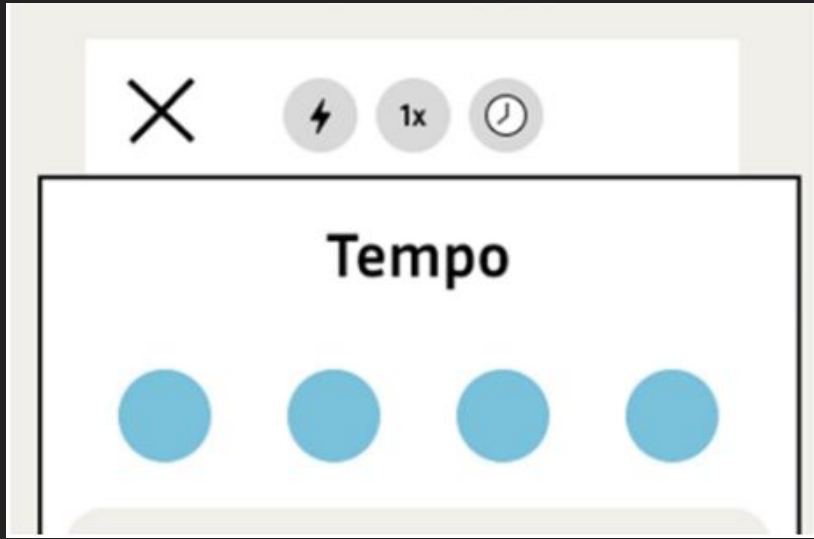


# 1. H3 User control and freedom / Severity 3

- Upload File button in Sheet Music Library does not function properly
- No confirmation messages for uploads
- Formatting issues

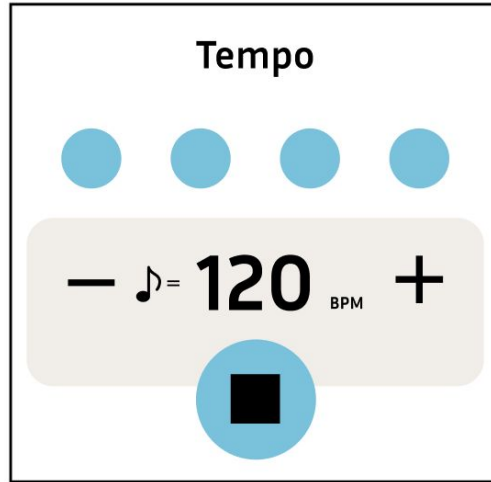
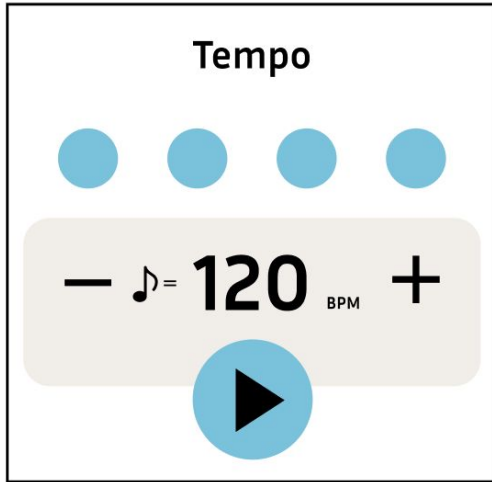


## 2. H2 Match between system and the real world / Severity 2



- User was confused about how to close the metronome
- Users expected to close the metronome by clicking the “x” button, but the original design requires clicking anywhere on the metronome itself.

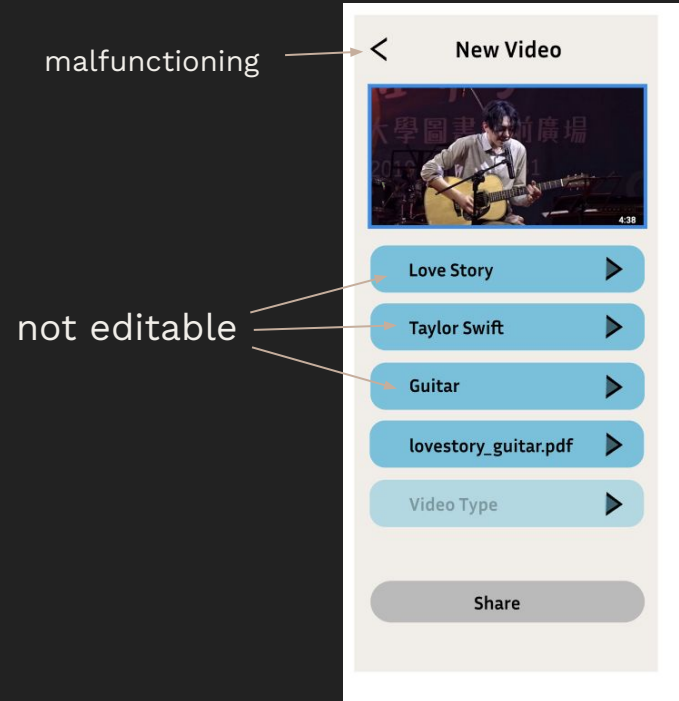
### 3. H2 Match between system and the real world / Severity 2



- When clicking the blue dot, the metronome pops up, but the user still doesn't understand how the metronome works
- especially the function of the blue dots

## 4. H3 User control and freedom / Severity 2

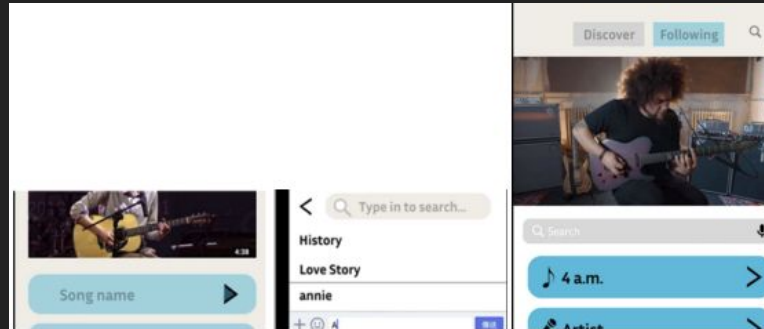
- Filter/Search feature was confusing to use
  - User had limited control with selecting filters
- Back button not always working properly



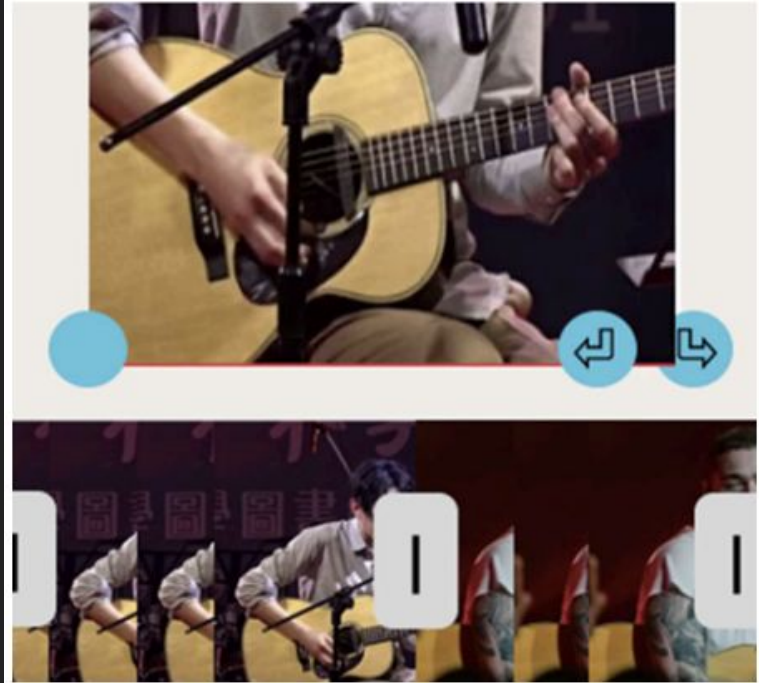


## 5. H3 User control and freedom / Severity 4

Description: Clicking the song name bar redirects the user to another page. If they don't press back immediately, they're taken to a different page with no way to return, forcing them to restart the recording.



## 5. H8 Aesthetic and minimalist design / Severity 2



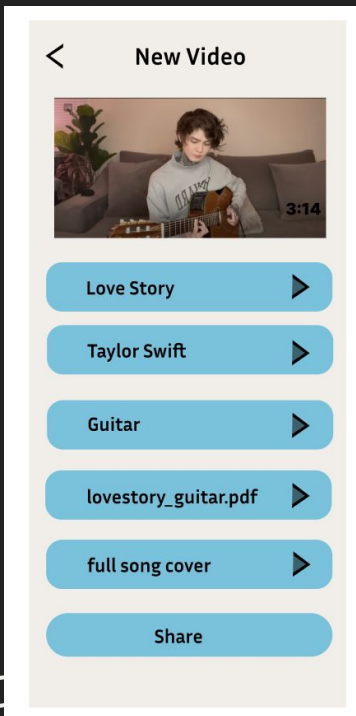
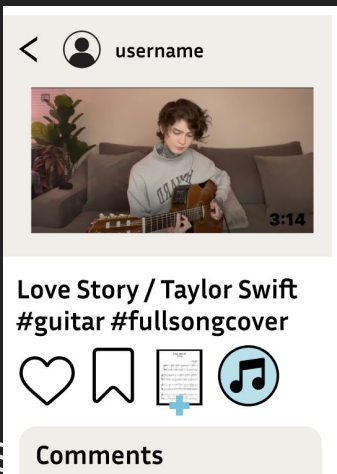
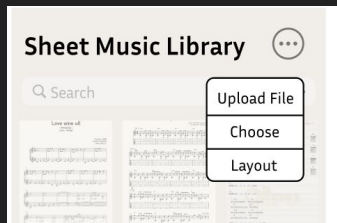
- The design of the video editing page confused the user, and it also didn't function properly

# Revised Designs

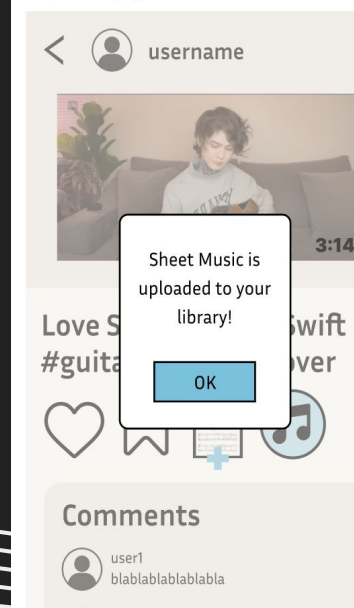
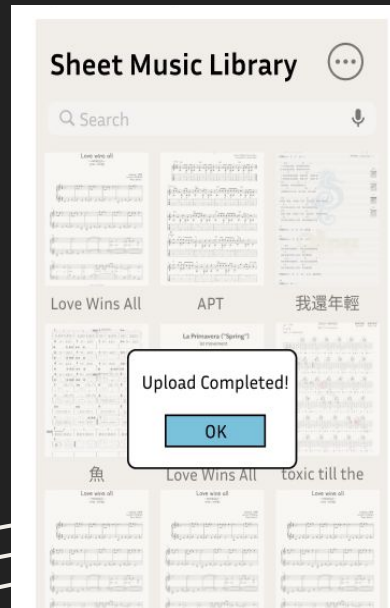
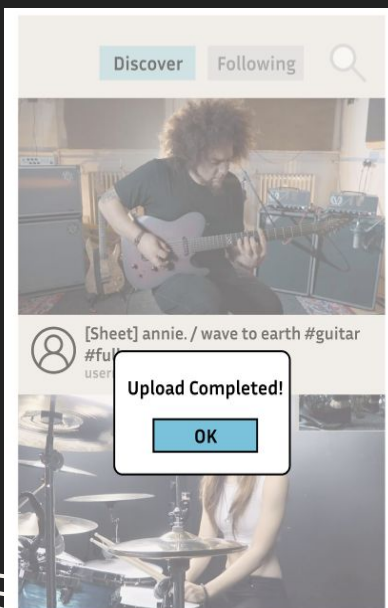
The background features a dark charcoal grey field. Large, organic, wavy shapes in an olive green color are positioned in the top right and bottom left corners. Across the bottom of the image, there are several thin, white, wavy horizontal lines that create a sense of movement and depth.

# 1. H3 User control and freedom / Severity 3

Before



- Added Upload Confirmation
    - Transparent system status
  - Improved formatting
    - Consistent with other pages
- After

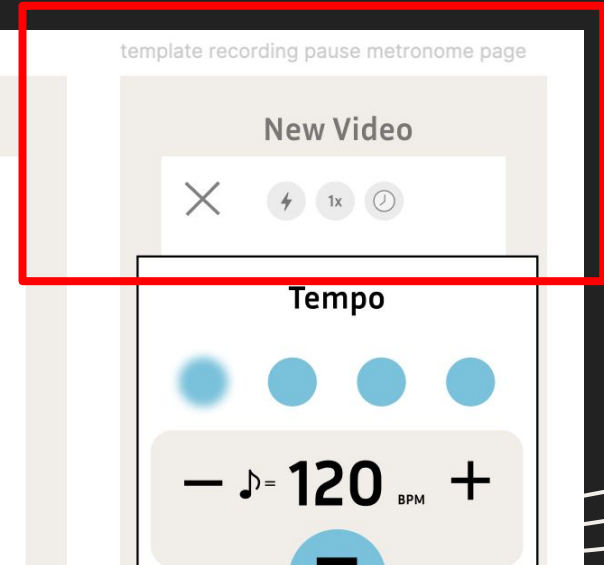
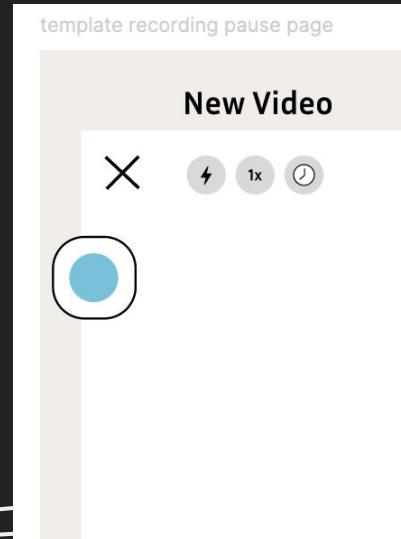


## 2. H2 Match between system and the real world / Severity 2

- Background color is lightened when the metronome pops out, in order to draw users' attention to the metronome itself and minimize confusion

After

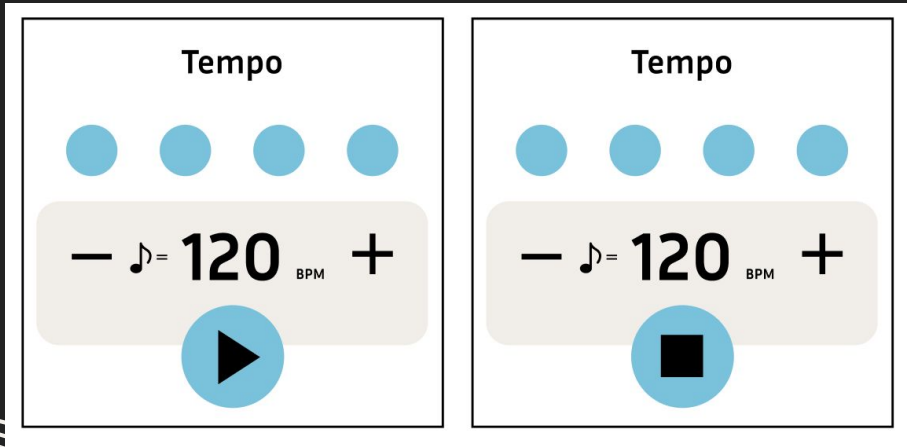
Before



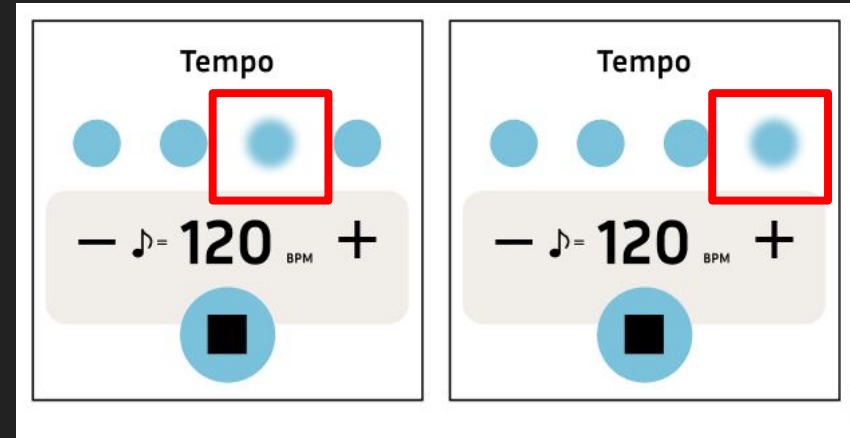
### 3. H2 Match between system and the real world / Severity 2

- Clicking the start button triggers the blue dots to flash in sequence, simulating the ticking behavior of a real metronome.

Before



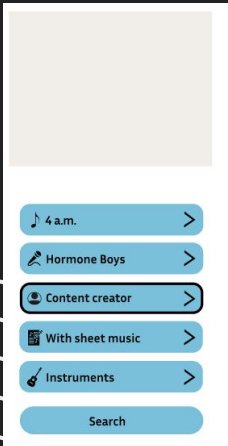
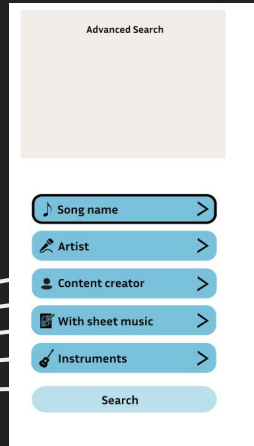
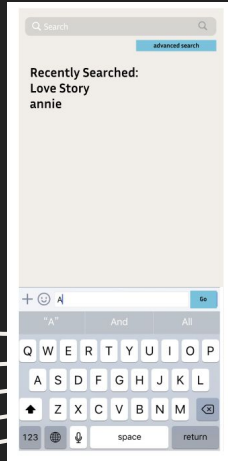
After



# 4. H1 Visibility of System Status / Severity 3

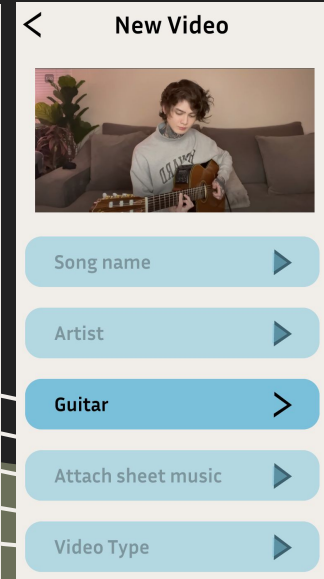
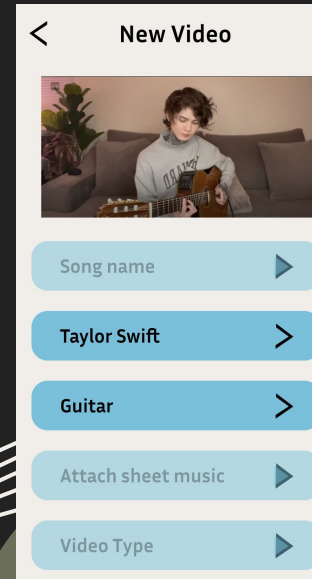
## Search

- Added advanced search feature, allowing for increased user control
- Highlighting which section the user is on for clarity in advanced search



## Recording Feature

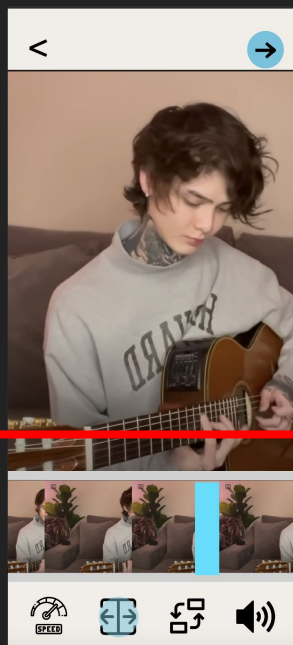
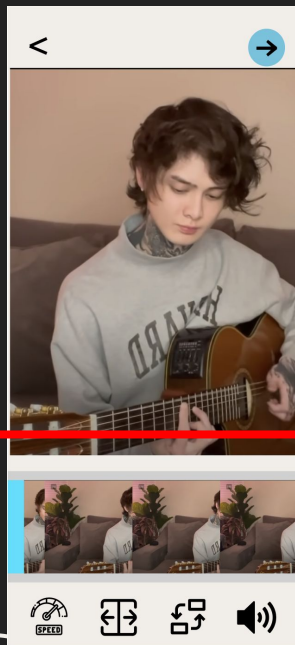
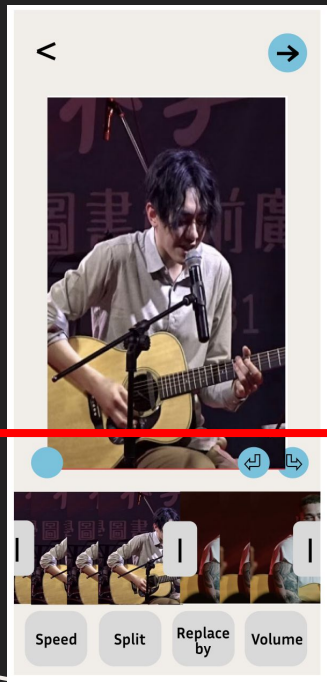
- Dynamically edit tags so allow users more flexibility and clarity



## 5. H8 Aesthetic and minimalist design / Severity 2

Before

After



- Animations were added to the icons and slider
- Additional editing features were labeled more clearly, such as speed adjustment and volume control



# Live Demo

Figma:<https://www.figma.com/design/XnoDCTmUkgdKgLEQA0cvid/-HCI-D--project?node-id=308-341&t=y4EH3iE85eESqG8e-1>



# Summary

- Expanded Sheet music library functionality
- Revamped tag/filter layout
- Improved Metronome
- Overall improvements to clarity by fixing ineffective user flows and confusing page transitions

