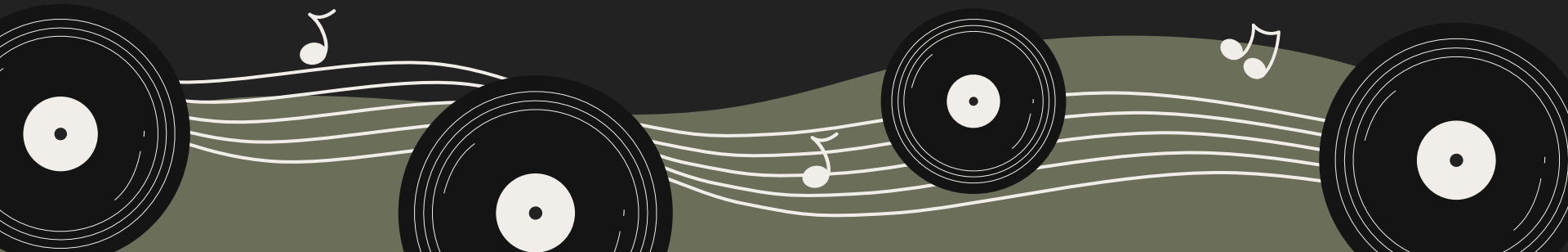
Usability Testing

Sonare



Team Members

Bianca Chung

Brian Huang

Carlos Espinola

Value Proposition

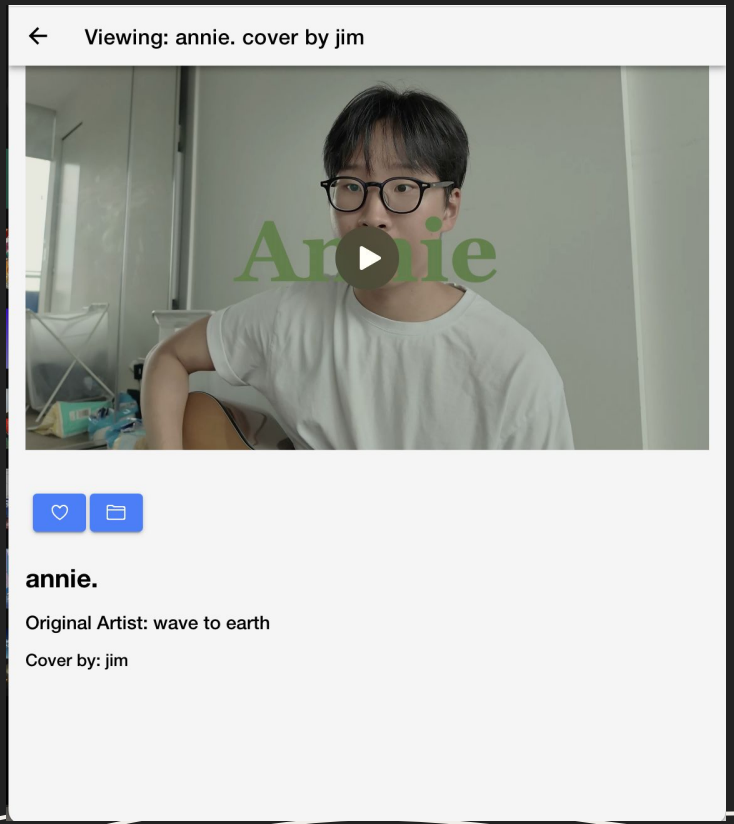
Value Proposition: Enhance musical practice through community engagement and collaborative tools.

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.

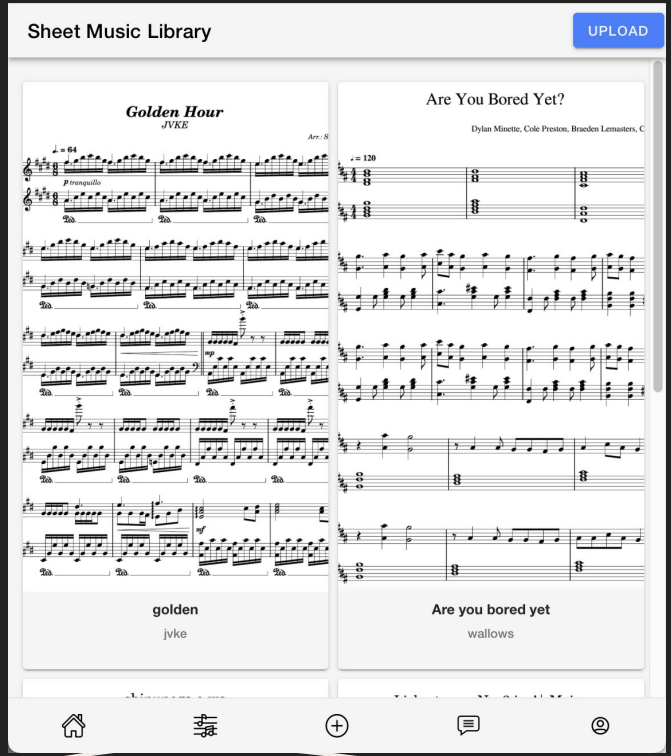
Simple Task - Like a Video

- **Steps:**
  1. User opens homepage
  2. Scrolls through video list
  3. Taps the heart icon
  4. Notification



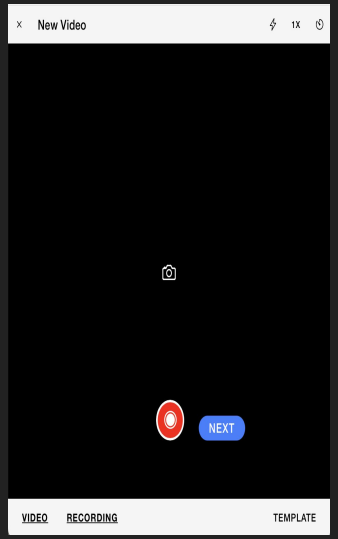
Moderate Task - Upload Sheet Music

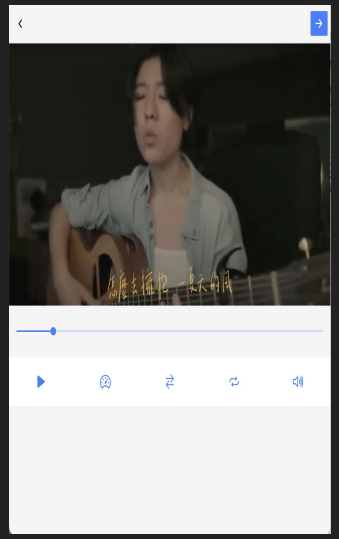
- **Steps:**
  1. Navigate to the sheet music library
  2. Tap the “Upload” button
  3. (Select a file from the device)
  4. Notification

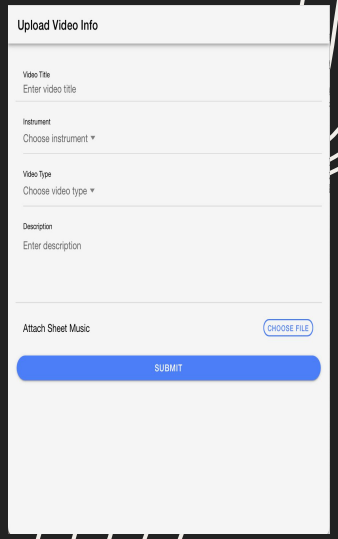


Complex Task - Record & Upload Video

- **Steps:**
  1. Tap the “+” button
  2. Select “Recording” (default option)
  3. begin your performance
  4. preview and edit the video, then tap “next”
  5. Fill in title, description, and tags
  6. Tap “submit”
  7. Redirected to the homepage with a success notification







Participant Overview

Sarah

Piano: 10 yrs

- Gender: Female
- Age: 21

Vincent

Guitar: 6 yrs
Piano: 10 yrs

- Gender: Male
- Age: 21

Francisco

Guitar: 10+ yrs

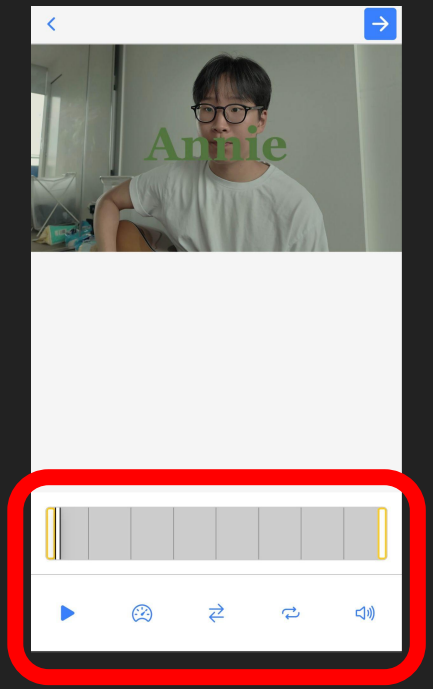
- Gender: Male
- Age: 27

Usability Analysis

Usability Analysis

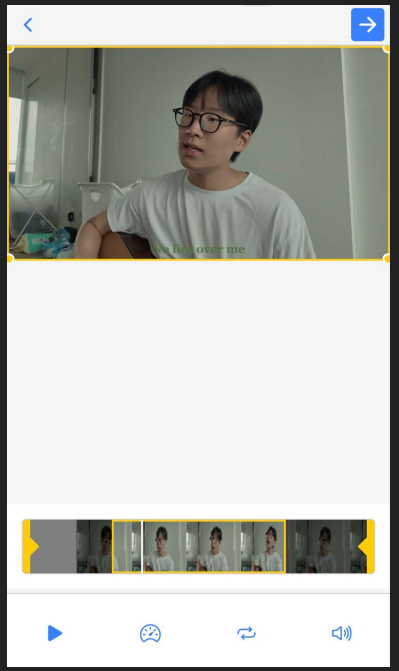
#	Issue	Heuristic Violated	Severity
1	Video editing icons are confusing	H2: Match between system and real world	3
2	Cannot unlike a video	H3: User control and freedom	3
3	Sheet music thumbnails are too large	H8: Aesthetic and minimalist design	1
4	Save icon unclear	H2: Match between system and the real world	1
5	White space in video editing page	H8: Aesthetic and minimalist design	1

Issue #1 (Severity: 3)



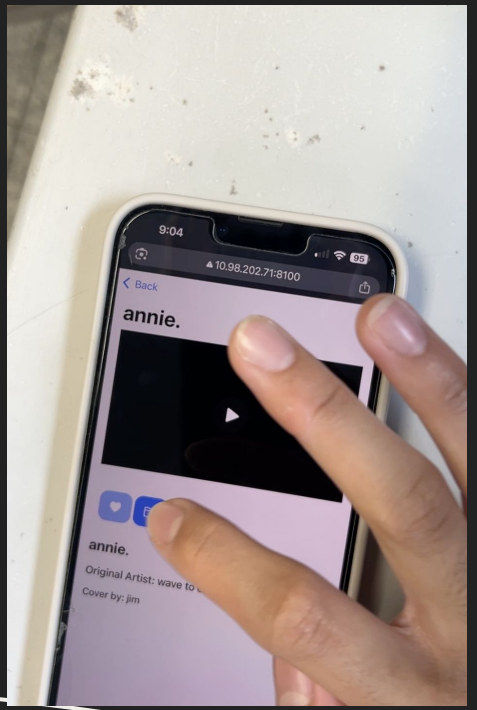
We’ve removed the dedicated Trim button and redesigned the editing controls to better align with the intuitive experience of the iPhone’s native video editor.

This change is aimed at making video editing more seamless and familiar for our users.



Issue #2 (Severity: 3)

- Once a user clicked the like button it was not possible to unlike
- Similar with the save button
- Solution:
  - Make buttons clickable

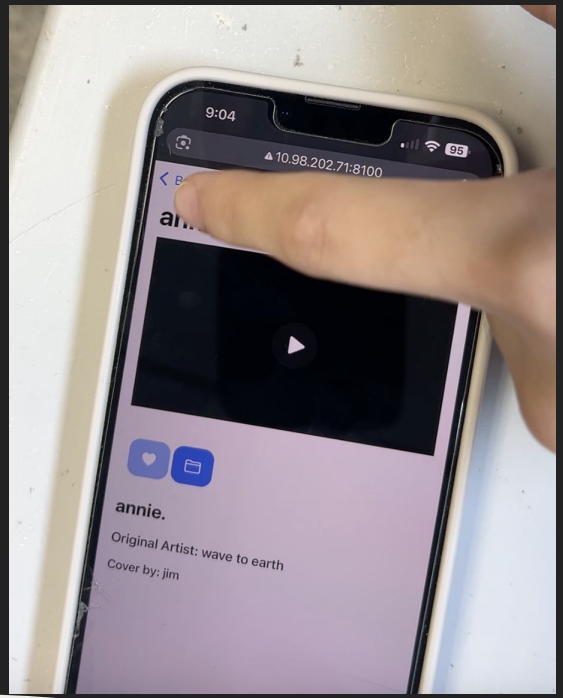


Issue #3 (Severity: 1)

- Sheet Music Library currently displays one song per row
- Users prefer to see multiple smaller songs in a row
- Solution:
  - Make the sheet music icons smaller and fit more per row

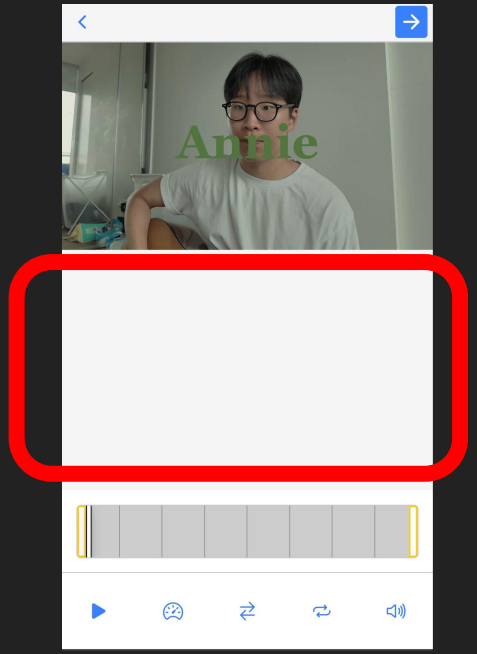
Issue #4 (Severity: 1)

- Save icon does not effectively convey functionality effectively
- Solution:
  - update icon



Issue #5 (Severity: 1)

- White space in video editing page
- Solution:
  - Redesign the interface



Lessons Learned

- Users appreciate having video, sheet music, practice in one app. Switching between YouTube, files, and PDF readers breaks focus.

- Good to have features
  - Preview view of sheet music: Users want to browse multiple scores at once (title-first preview)
  - categorization of sheet music: filter by instrument, composer, or song type

Thanks!