FINAL ASSIGNMENT:

MUSICWRAPPED

an app for the creative community

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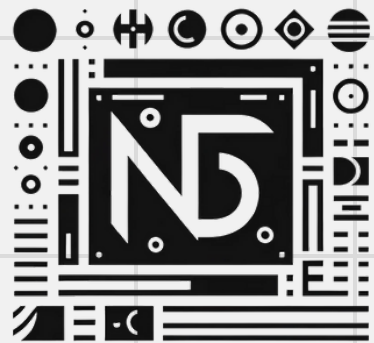
ABOUT MY PROJECT

My project is a social media app designed to connect music enthusiasts. The app aims to provide a vibrant community that will allow users from spotify or apple listen to each others playlists.

WHAT IS THE PROJECT

The community will also be able to find and attend music events, buy and sell products which are related to music, collaborate with other artists and provide or receive music lessons.

WHAT IS THE COMMUNITY

The music community is a dynaic group with a large variety of individuals who share a passion for music. I t goes deeper than just listening to songs.My goal is to promote people in this community coming together by fostering a sense of collaboration and belonging.

The thing I love about the music community is anybody can join it anytime, despite expertise or background. Through the forums section of my app, users can look at different forums and subscrube to the ones they may be interested in, allowing you to engage with a more niche part of the music community that you may feel identified with, and if it doesn't exist you can create it as they may be other people put there who enjoy the same music as you.

RESEARCH & DESIGN
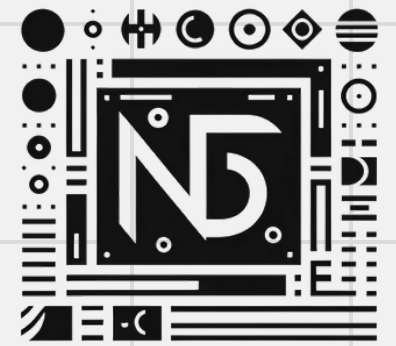
Research:

Through extensive research into the needs and habits of the music community, I identified several areas where a mobile app could significantly enhance the user experience. Members often struggle to find centralized platforms that cater to their varied interests, from discovering new music and attending events to collaborating on projects and discussing their favorite genres. A mobile app could streamline these activities by providing a single, user-friendly interface that integrates these features. By addressing the fragmentation of current platforms, the app can offer a more cohesive and engaging experience, making it easier for community members to connect, share, and collaborate, ultimately enriching their overall involvement in the music community.
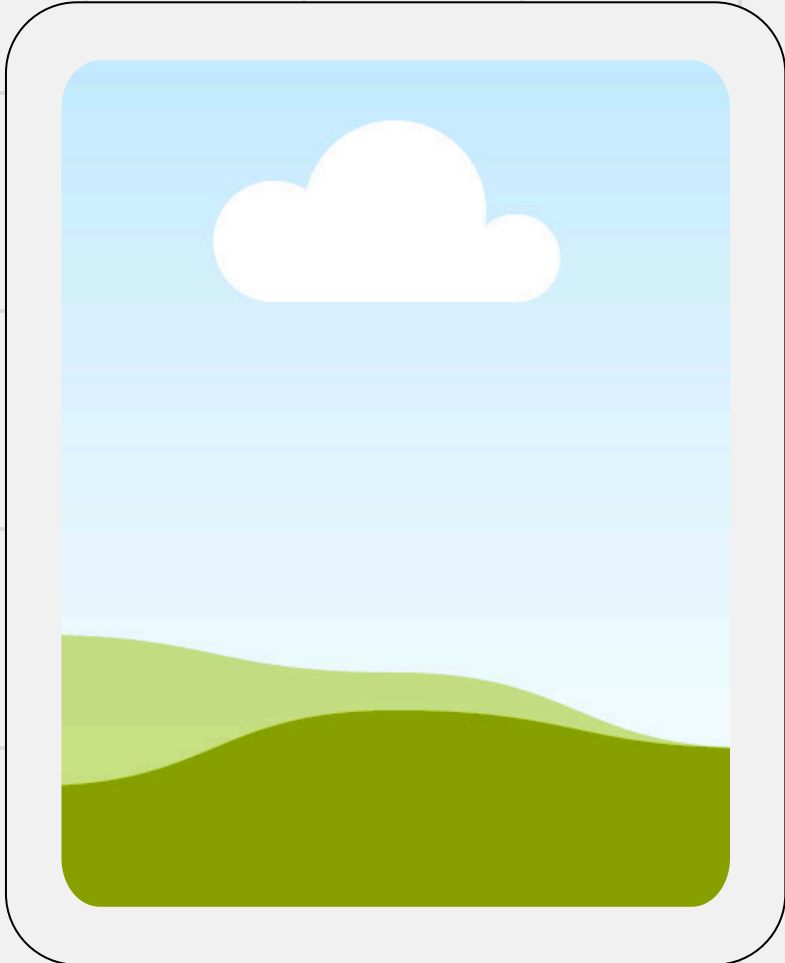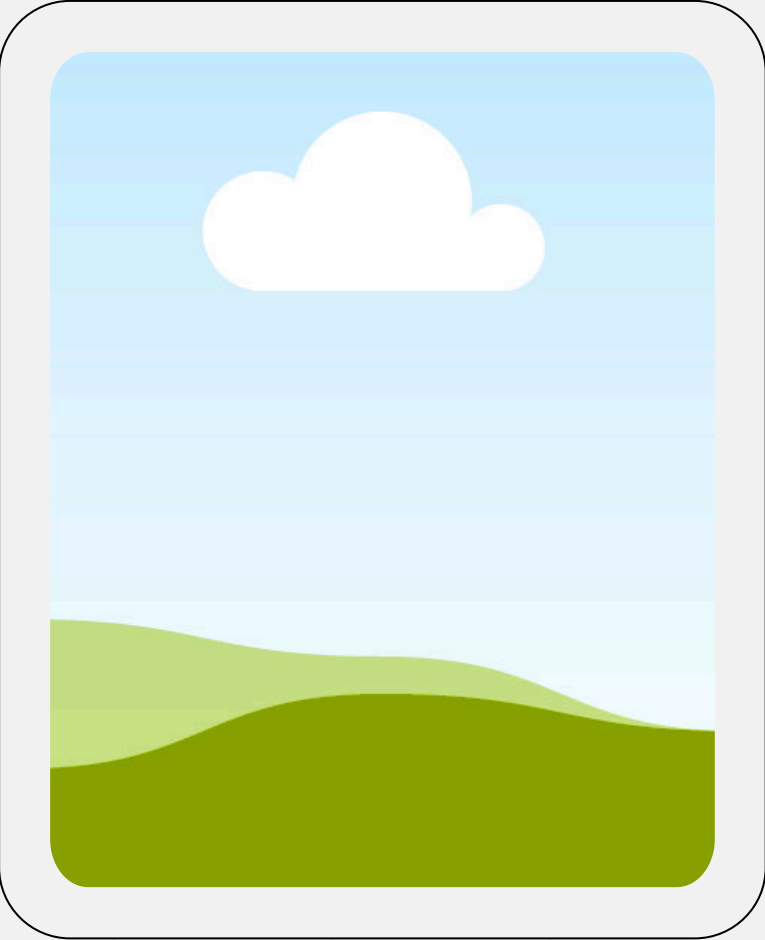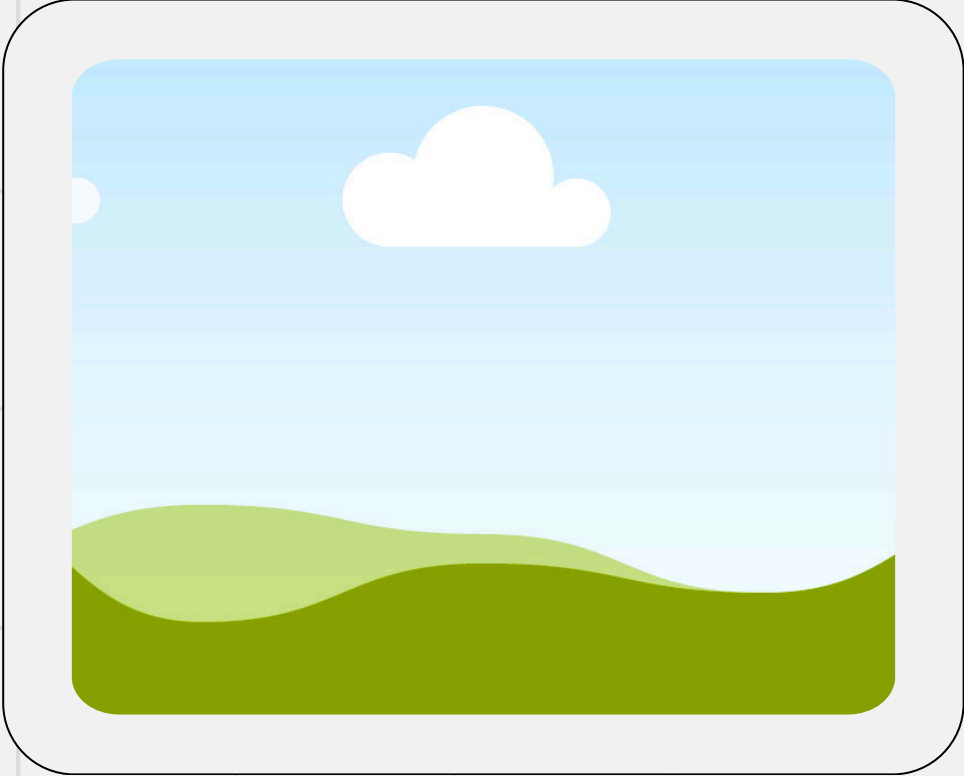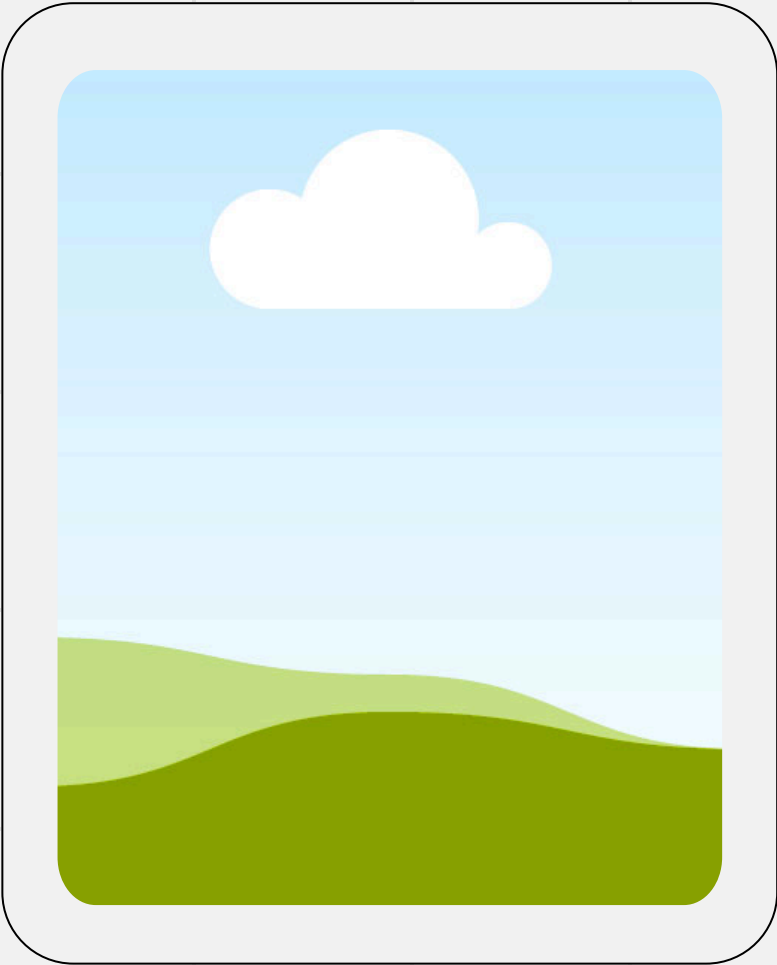
```
5
6        let userPlaylists = ["Playlist 1", "Playlist 2", "Playlist 3"]
7
8        var body: some View {
9            VStack {
10               Text("User Profile: \(username)")
11                   .font(.largeTitle)
12                   .padding()
13
14               Text("User Information")
15                   .font(.title2)
16                   .padding()
17
18               List(userPlaylists, id: \.self) { playlist in
19                   NavigationLink(destination: PlaylistView()) {
20                       Text(playlist)
21                   }
22               }
23               .listStyle(PlainListStyle())
24           }
25           .navigationTitle("User Profile")
26       }
27   }
28
29   struct UserProfileView_Previews: PreviewProvider {
30       static var previews: some View {
31           UserProfileView(username: "Sample User")
32       }
```
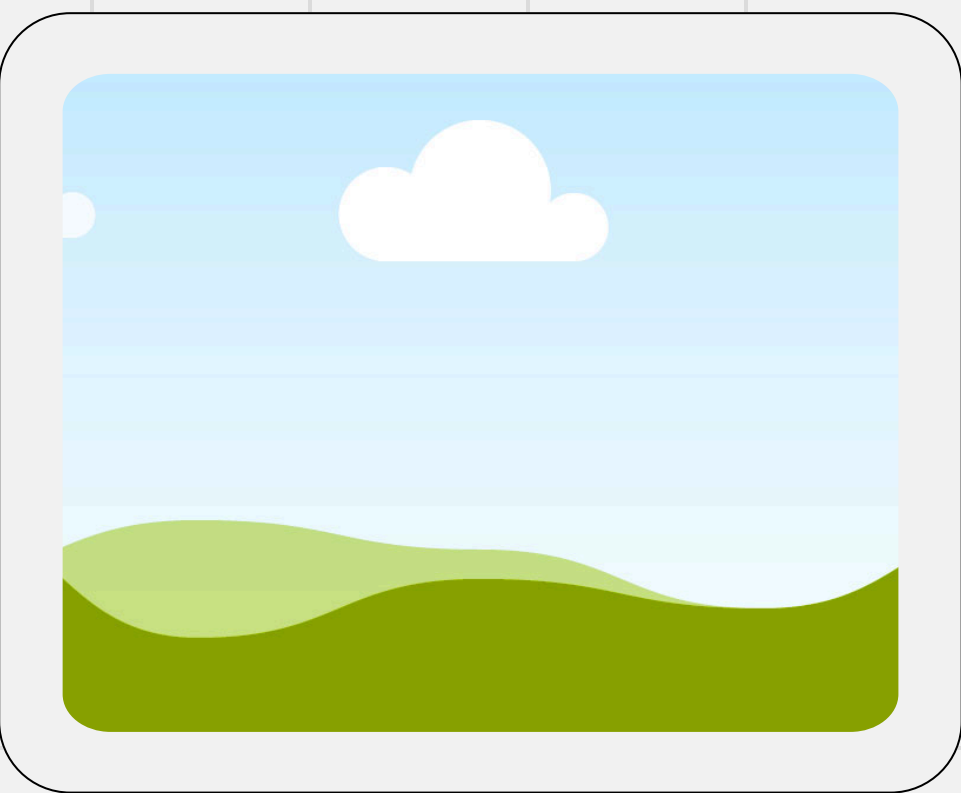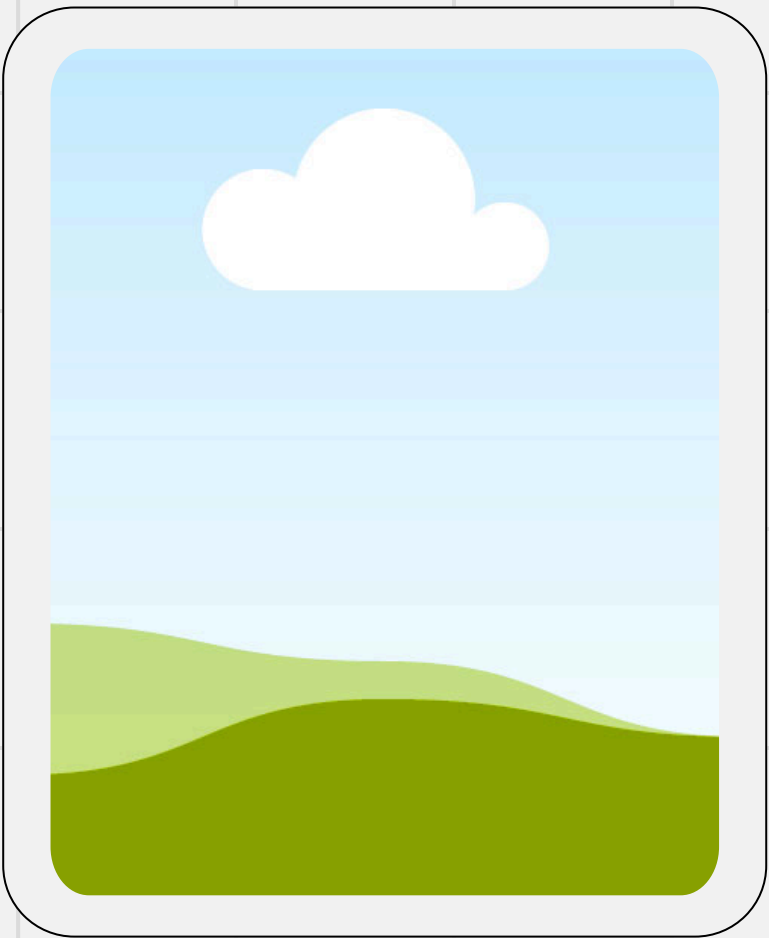
```
import SwiftUI
2
3    struct HomePageView: View {
4        @State private var searchQuery = ""
5        @State private var searchResults: [SearchResult] = []
6
7        var body: some View {
8            NavigationView {
9                VStack(spacing: 20) {
10                   TextField("Search for a playlist/user", text: $searchQuery, onCommit: performSearch)
11                       .textFieldStyle(RoundedBorderTextFieldStyle())
12                       .padding()
13                       .background(Color(.systemGray6))
14                       .cornerRadius(10)
15                       .padding(.horizontal)
16
17                   List(searchResults) { result in
18                       NavigationLink(destination: destinationView(for: result)) {
19                           Text(result.name)
20                               .padding()
21                               .background(Color(.systemGray5))
22                               .cornerRadius(10)
23                               .padding(.vertical, 5)
24                       }
25                   }
26                   .listStyle(PlainListStyle())
27
28                   VStack(spacing: 10) {
29                       NavigationLink(destination: ProfileView()) {
30                           Text("Profile")
31                               .font(.headline)
32                               .foregroundColor(.white)
33                               .frame(maxWidth: .infinity)
34                               .padding()
35                               .background(Color.blue)
36                               .cornerRadius(10)
37                               .padding(.horizontal)
38                       }
39
40                       NavigationLink(destination: ChatsView()) {
41                           Text("Chats")
42                               .font(.headline)
```

NICOLE STOTT   5/12

meant to be screenshgots of my app

RESEARCH & DESIGN
Design :

only screenshots of actual prototype I was able to recover

Log In / Sign Up

Full Name

Apple music/Spotify ▼

Email

Username

Password

DONE

Log In / Sign Up

Username:

Spotify Username

Password:

Password

or

Username:

Apple Username

Password:

Password

DONE

Search for playlist or user...

chats

The Community Section is divided into five parts: "What People Are Listening To" allows users to discover what songs others are enjoying; "Music Events and Place Recommendations" helps users find upcoming music events and recommended places; "Marketplace" enables buying and selling of vinyl records and other music devices; "Collaborative Space" connects musicians and producers for collaborations; and "Lessons" provides educational content to improve musical skills. The Chats feature includes Direct Messages for private conversations and Forums for public discussions, with search and subscription options. Notification settings allow users to customize alerts for friends' activities, new lessons, and events, with options to set the frequency of notifications.

The design of MyFirstSwiftUIApp focuses on accessibility and user comfort. The color palette is chosen to be visually appealing while ensuring readability and ease of use, particularly for users with visual impairments. The app features calming and neutral colors for a pleasant user experience, including Primary Colour (#2E8B57) for prominent elements like titles and primary buttons, Secondary Colour (#4682B4) for secondary buttons and links, Accent Colour (#FF6347) for interactive elements, Background Colour (#F5F5F5) for a neutral background, Card Colour (#FFFFFF) for cards and sections, Text Colour (#333333) for readable text, and Disabled Colour (#D3D3D3) for inactive elements.
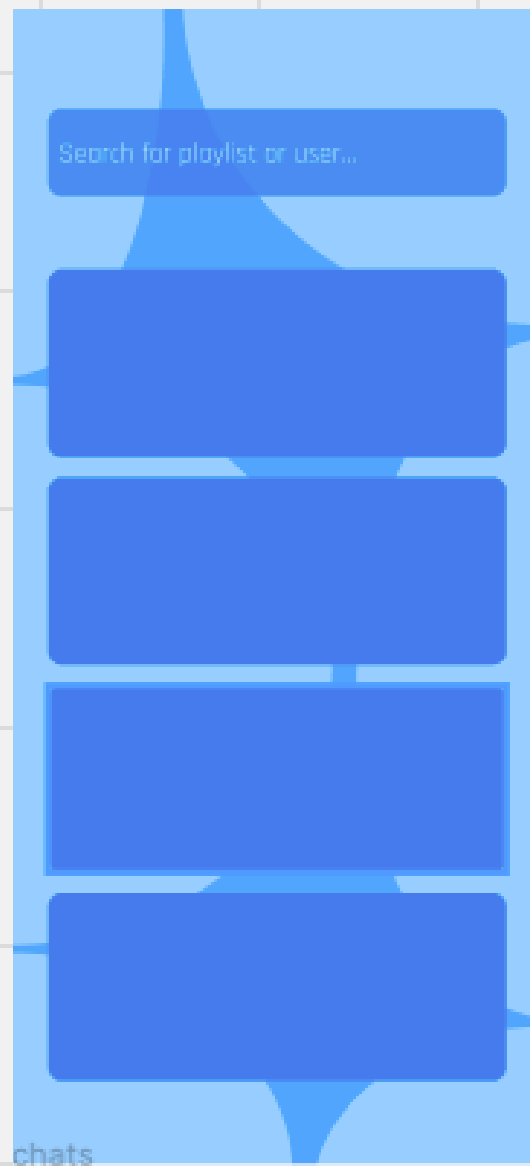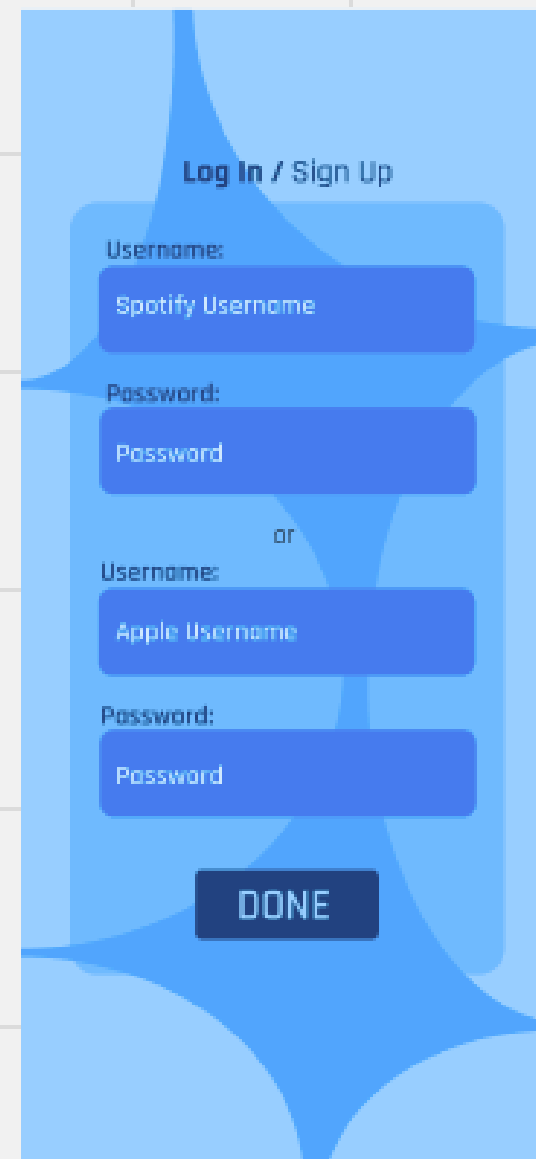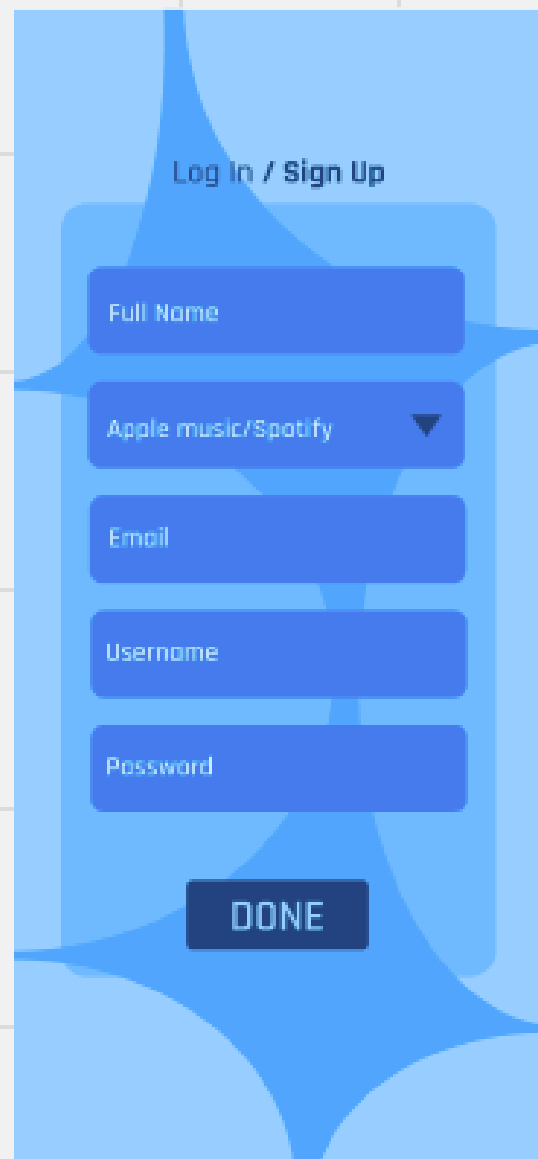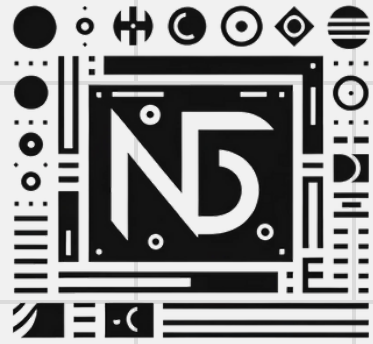
DESIGN:

Interactivness

IDEAS & IMPROVEMENTS

To enhance the user experience of the music community app, several improvements could be made. First, integrating advanced search algorithms and personalized recommendations can help users find relevant music, events, and community posts more efficiently. Adding interactive tutorials and onboarding processes can guide new users through the app's features, ensuring they can quickly become proficient in navigating and utilizing all available tools. Implementing push notifications for new messages, event reminders, and updates in subscribed forums would keep users engaged and informed. Additionally, incorporating accessibility features, such as voice commands and customizable text sizes, would make the app more inclusive for users with disabilities. Finally, enhancing the social interaction aspects by adding more interactive elements like live chats, collaborative playlists, and real-time event updates can foster a stronger sense of community and keep users actively participating.
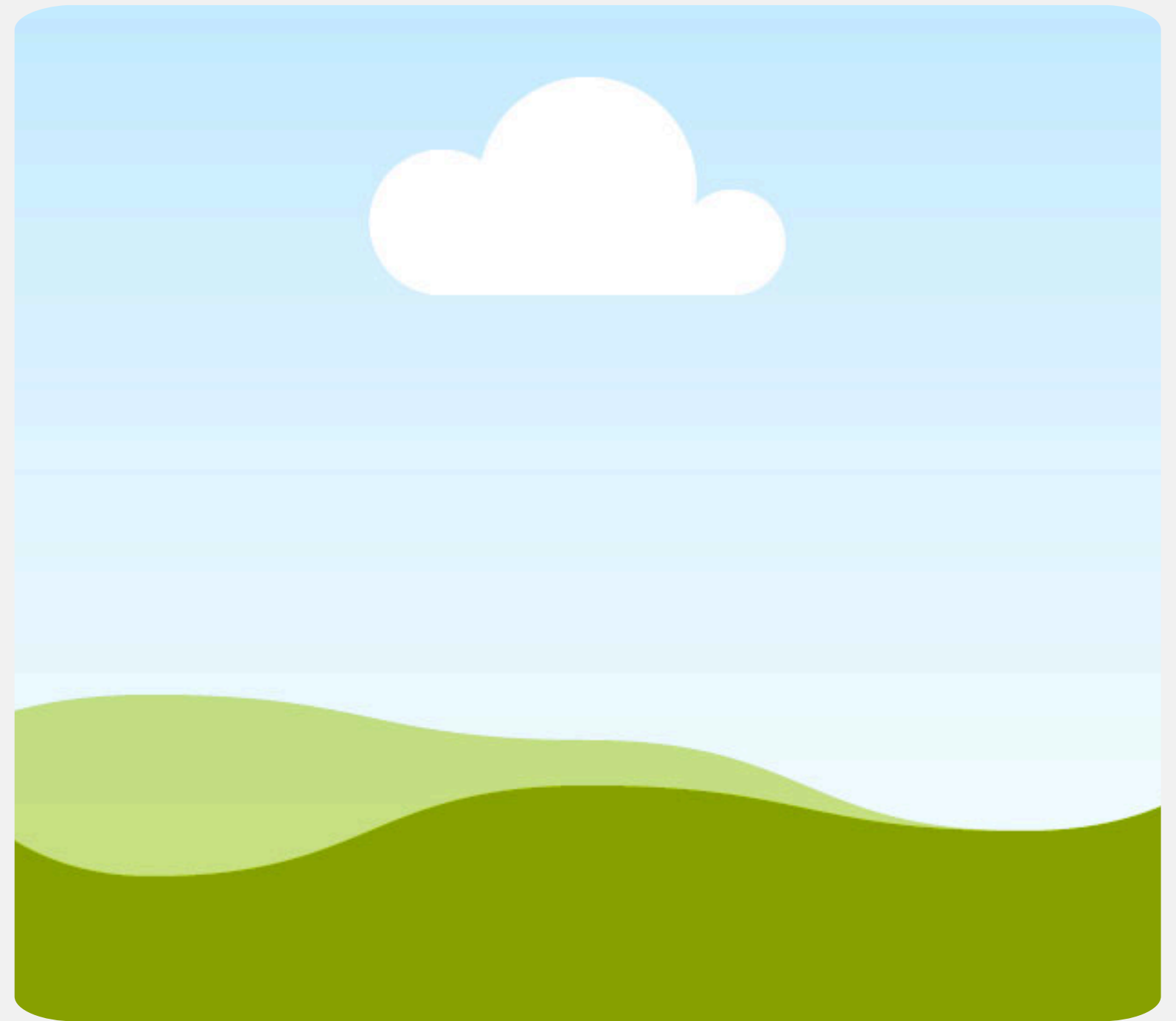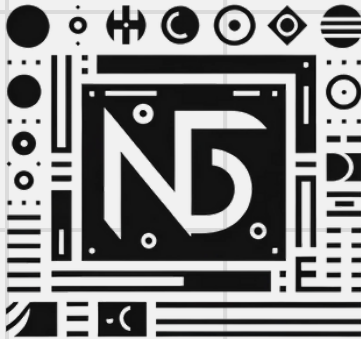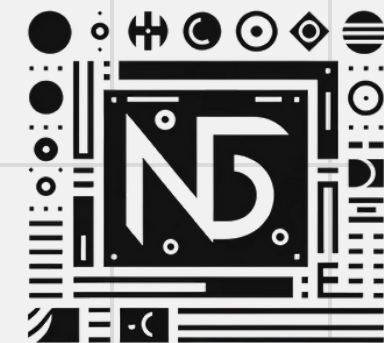
THANK YOU

1

2

3

4

REFERENCES

AI tool used: OpenAI ChatGPT 3.5
Purpose: trying to submit on time
Section: all text except the about page

AI tool used: OpenAI ChatGPT 3.5
Purpose: trying to submit in time after computer crash
Section: 'paper' prototype on page 4

but with input of a few notes I could find and memory
recollection