

Moody

A minimalist journal app

What is Moody?

Moody is an elegantly simple journaling and mood tracking application that enables users to monitor their emotional well-being and capture snapshots of their day. It allows for the incorporation of a visual element and a song that best encapsulates their mood for each day.

Github repo:

https://github.com/pbasswerner/iOS_Course/tree/main/Moody_iOS

Initial Plans

Landing Page and Log in Flow

Connect Spotify Screen

Spotify Connect

Spotify
Logo

Connect with spotify

Log in Screen

Log In

Email

Enter your email

Password

Enter your password

Log in with Spotify

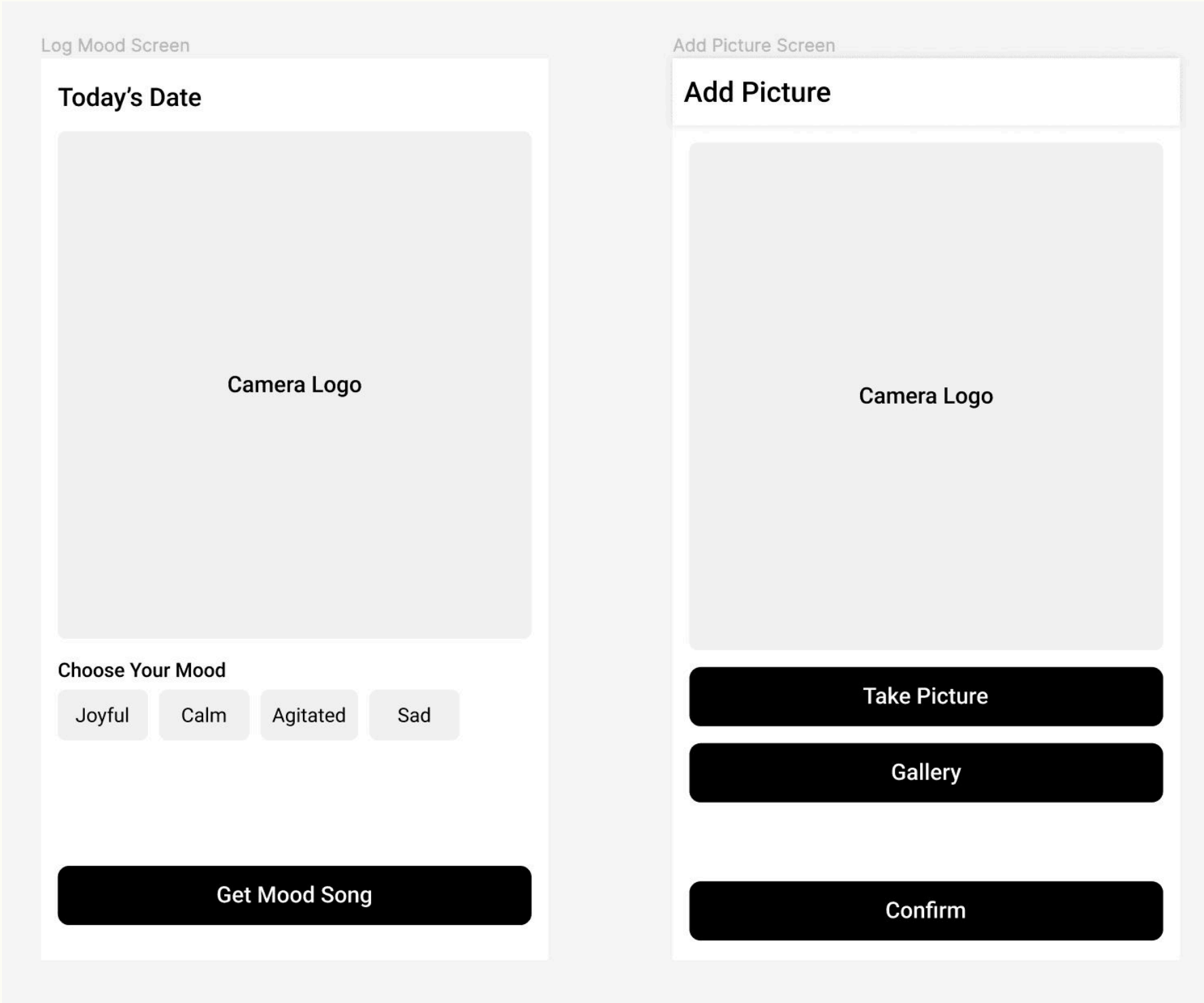
Landing Welcome Page

Welcome back!

Log Mood

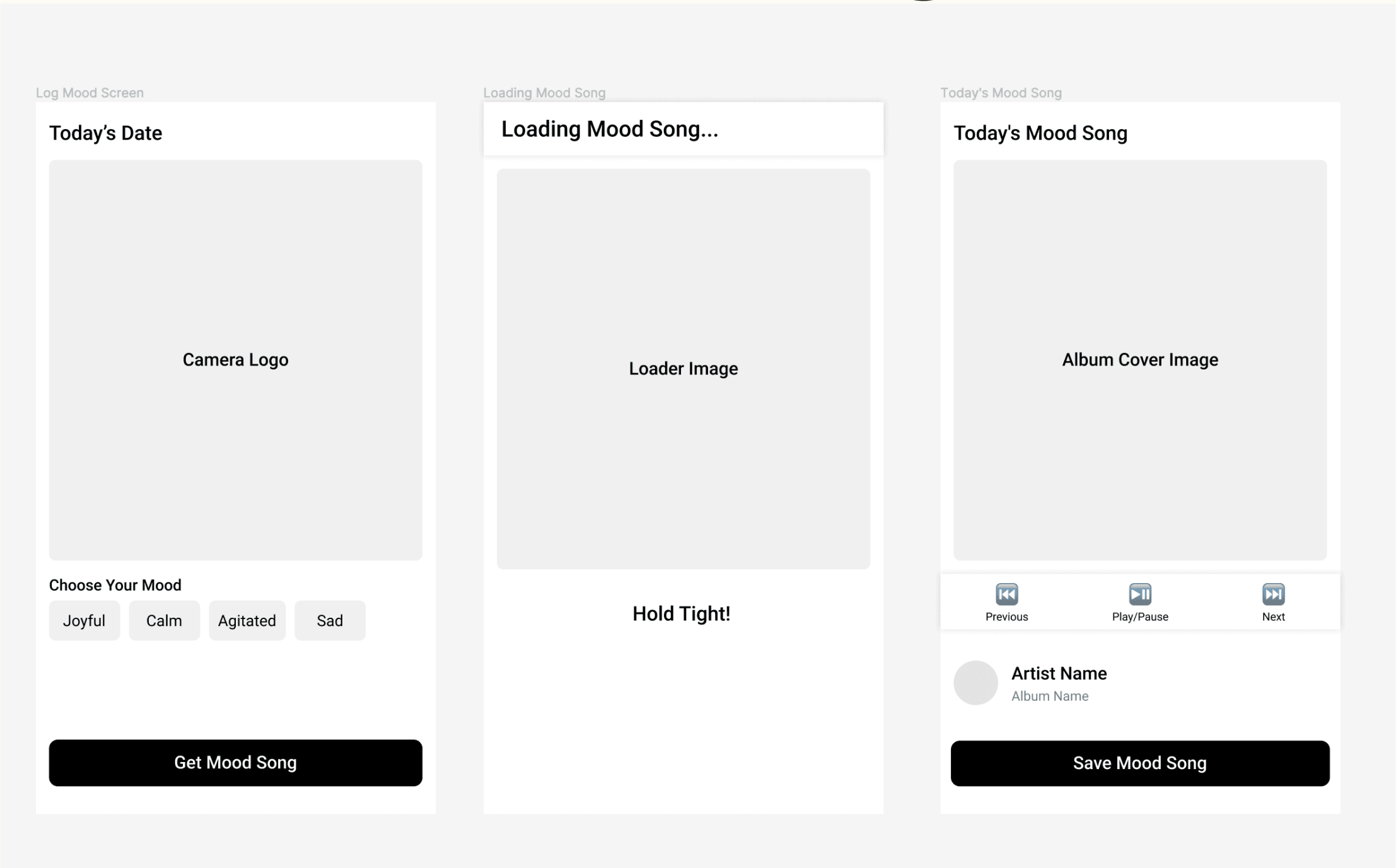
Initial Plans

Add Picture



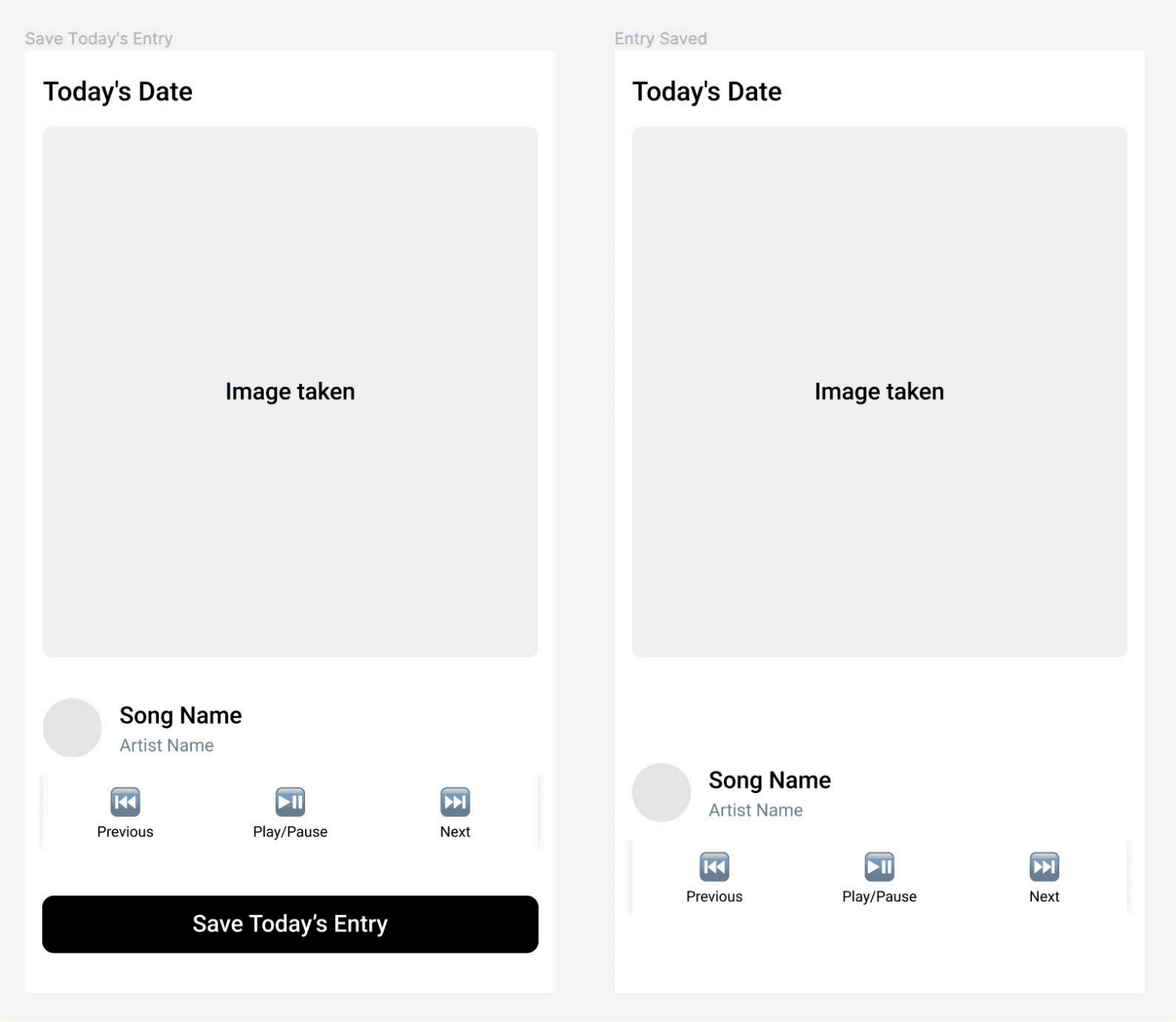
Initial Plans

Generate Mood Song



Initial Plans

Save Today's Entry



Initial Plans

Backend & Sensors

Spotify Login

Spotify credentials used for login

Spotify Web API

Used to get mood song

Camera

Used to take or pick an image for daily entry

Spotify iOS APK

Used for track player

Firestore Auth & Data Storage

Database storage for multiple days and users

Future Development

01

Firestore integration

Add the ability to log in and save users daily snapshots in firestore

02

Design, look and feel

Have the UI look and feel change according to the mood selected

03

Monthly Calendar View

You can describe the topic of the section here

04

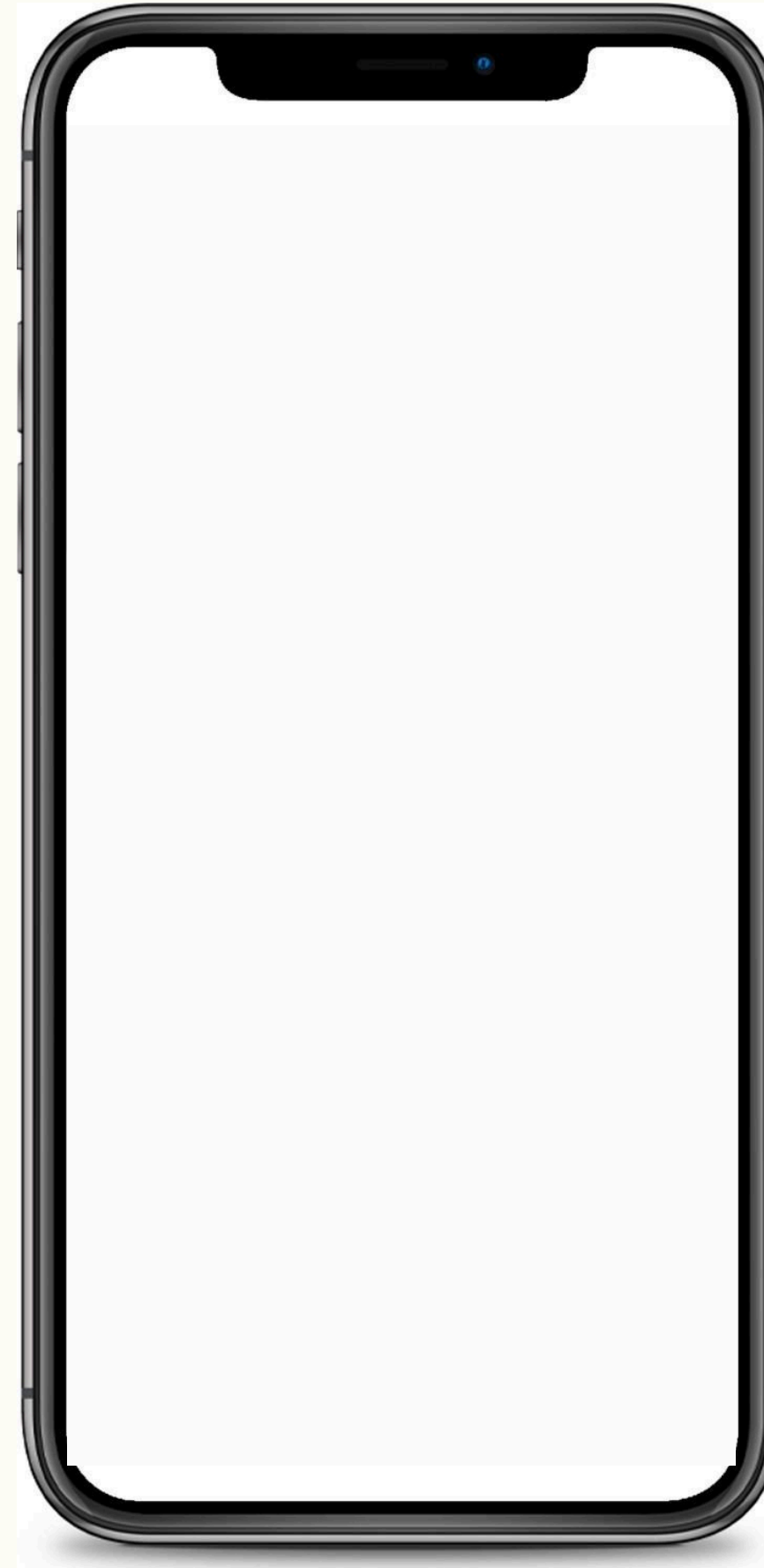
Front and back camera capture

User to be able to capture both front and back camera

Demo

For a video of the demo please follow the following link to a google drive folder:

https://drive.google.com/drive/folders/1vtbEZO8XnAcYSaJfIBHFXI_M_uTkWQGW?usp=drive_link



Learnings and difficulties

Learnings

- Authentication via Spotify
- Use of Spotify iOS sdk
- Spotify getRecommendations Web API endpoints
- Working with asynchronous calls

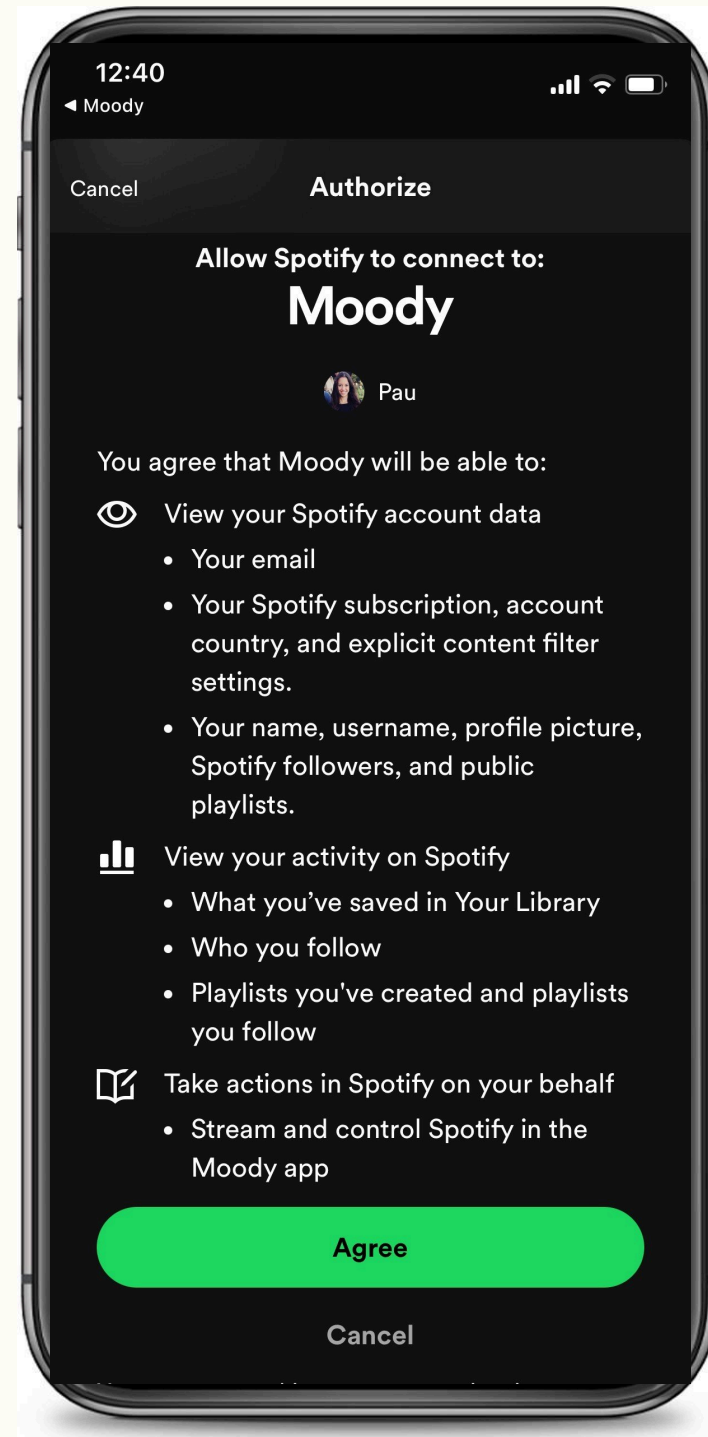
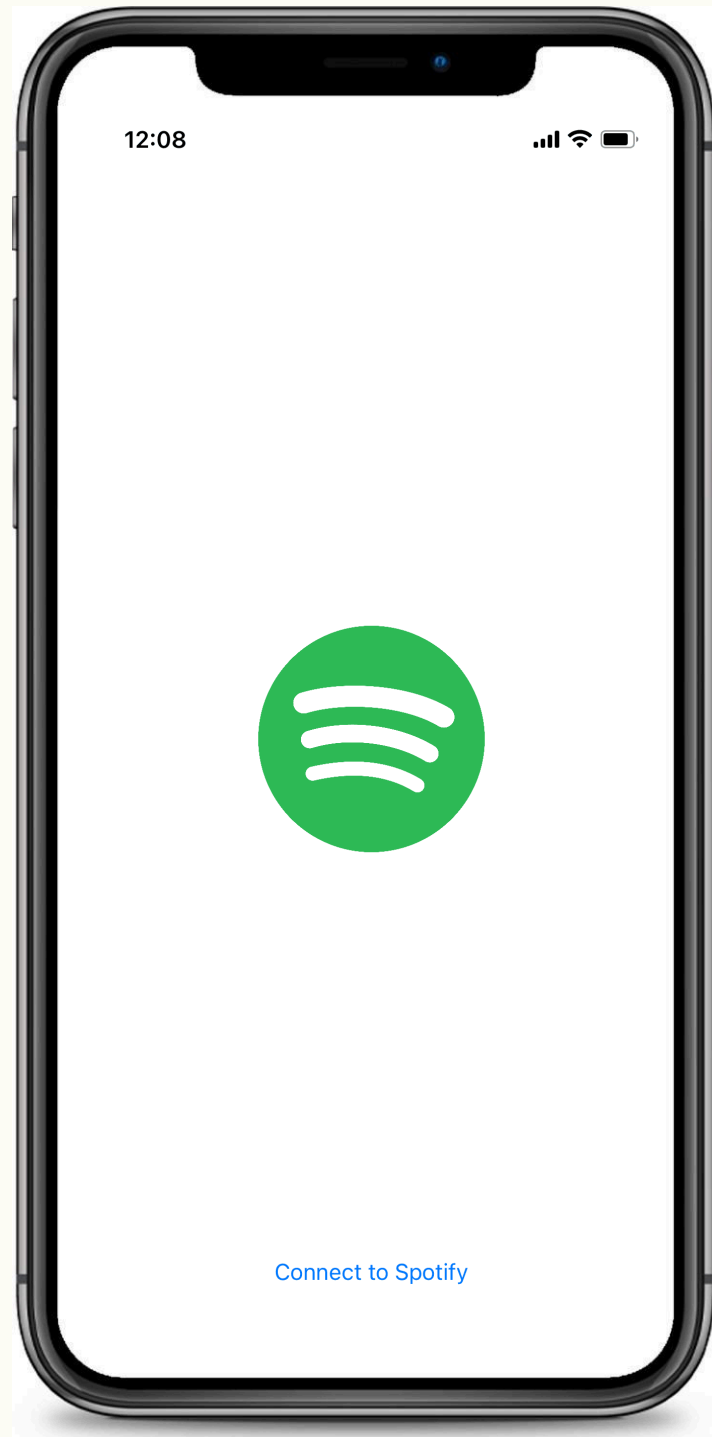
Difficulties

- iOS Spotify sdk set up
- Fetching and updating the album art for the remote player
- Disconnection issue with spotify

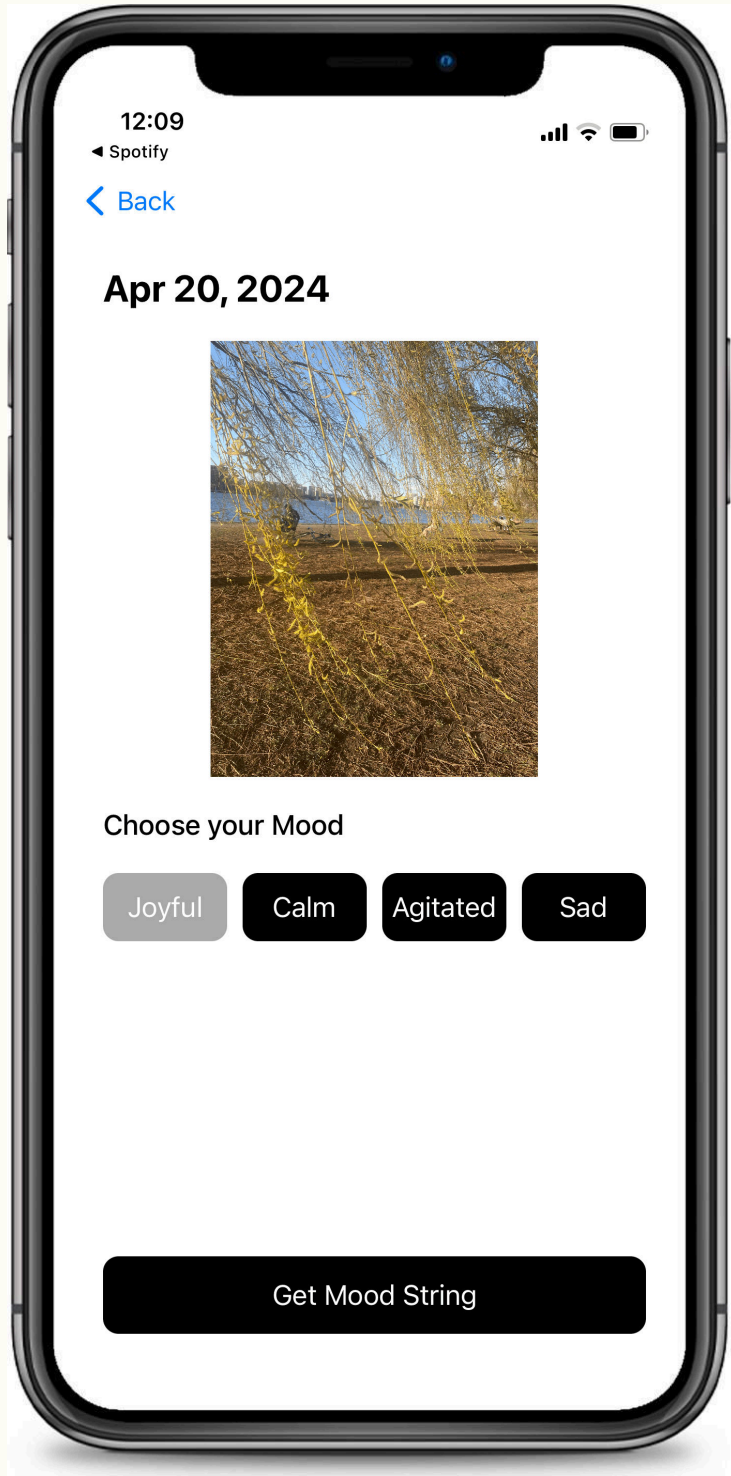
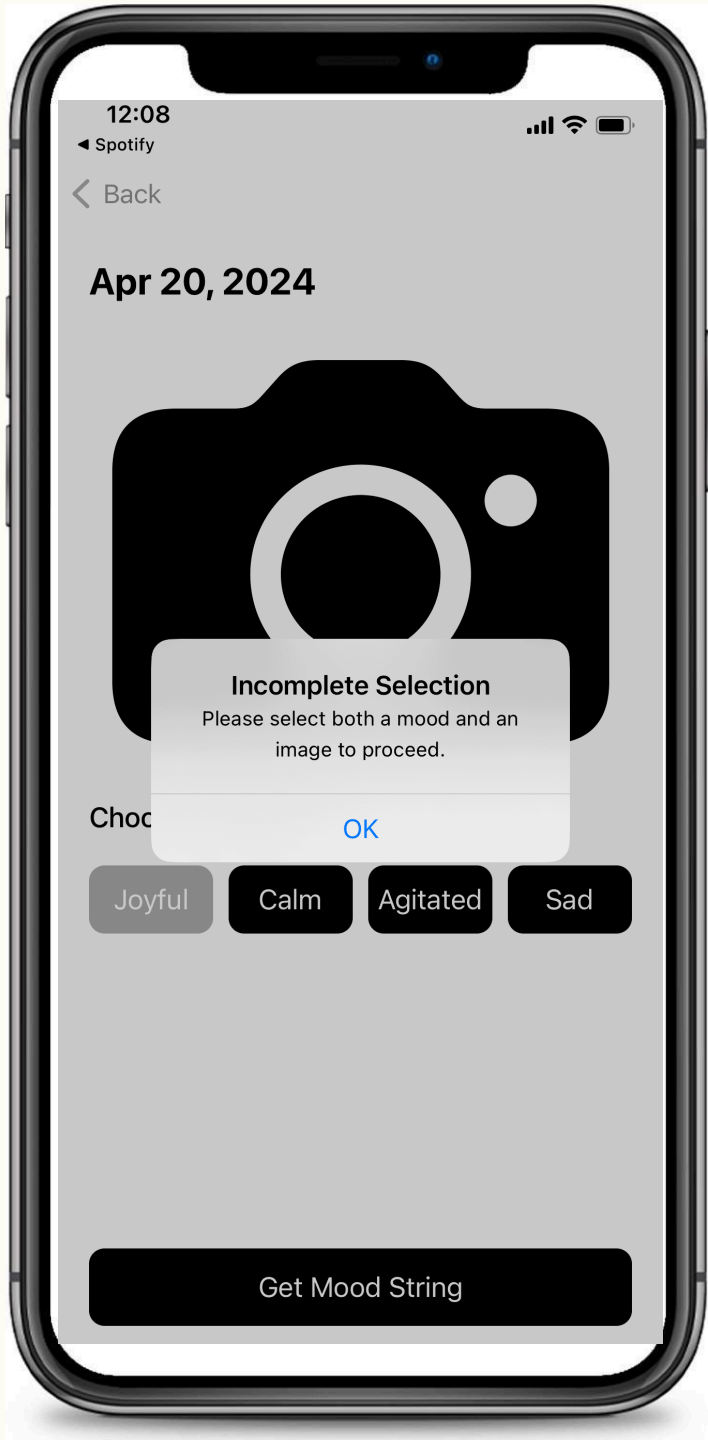
Overall thoughts and reflections

1. Design process and keeping up with deadlines
2. Encapsulation of code
3. Maintaining a separation between the functionality of the UI, the network calls, and spotify integration
4. Desire to explore more building the front end and the look and feel of an application

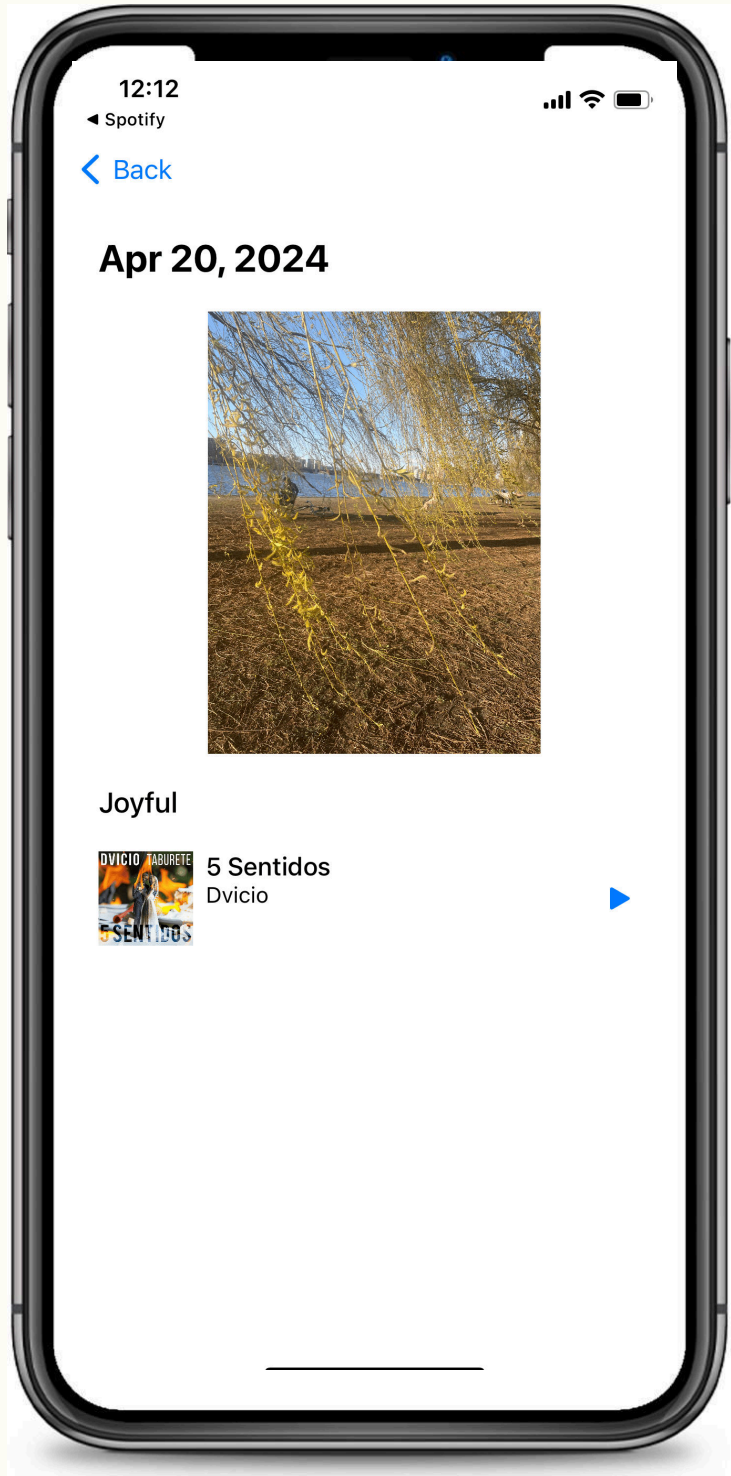
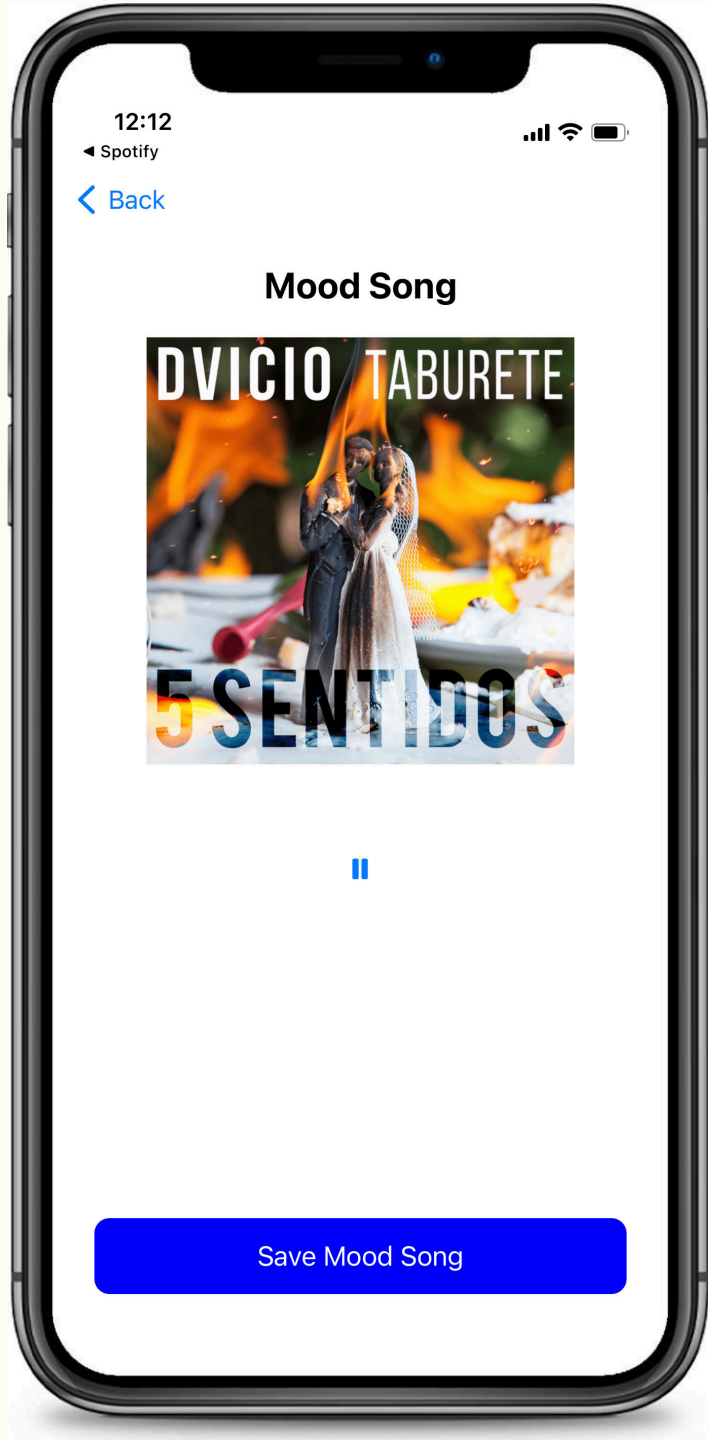
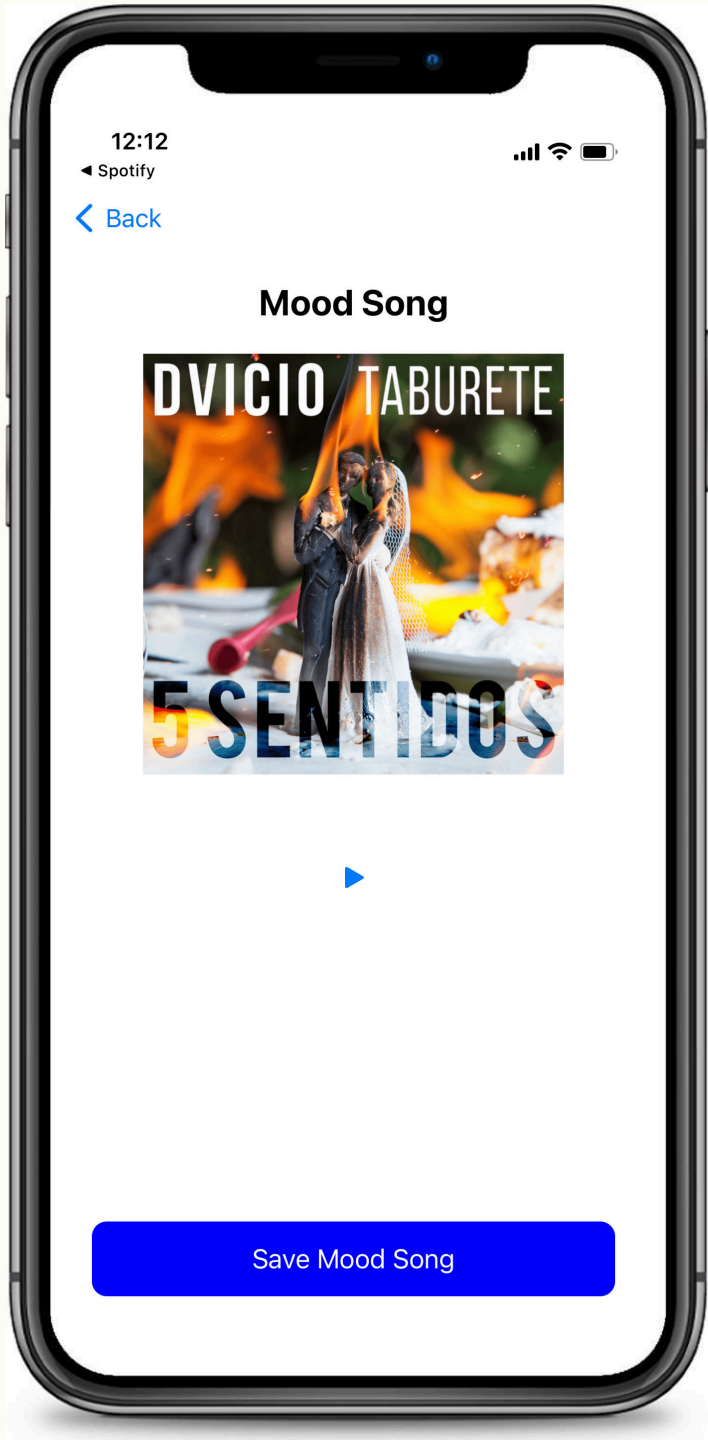
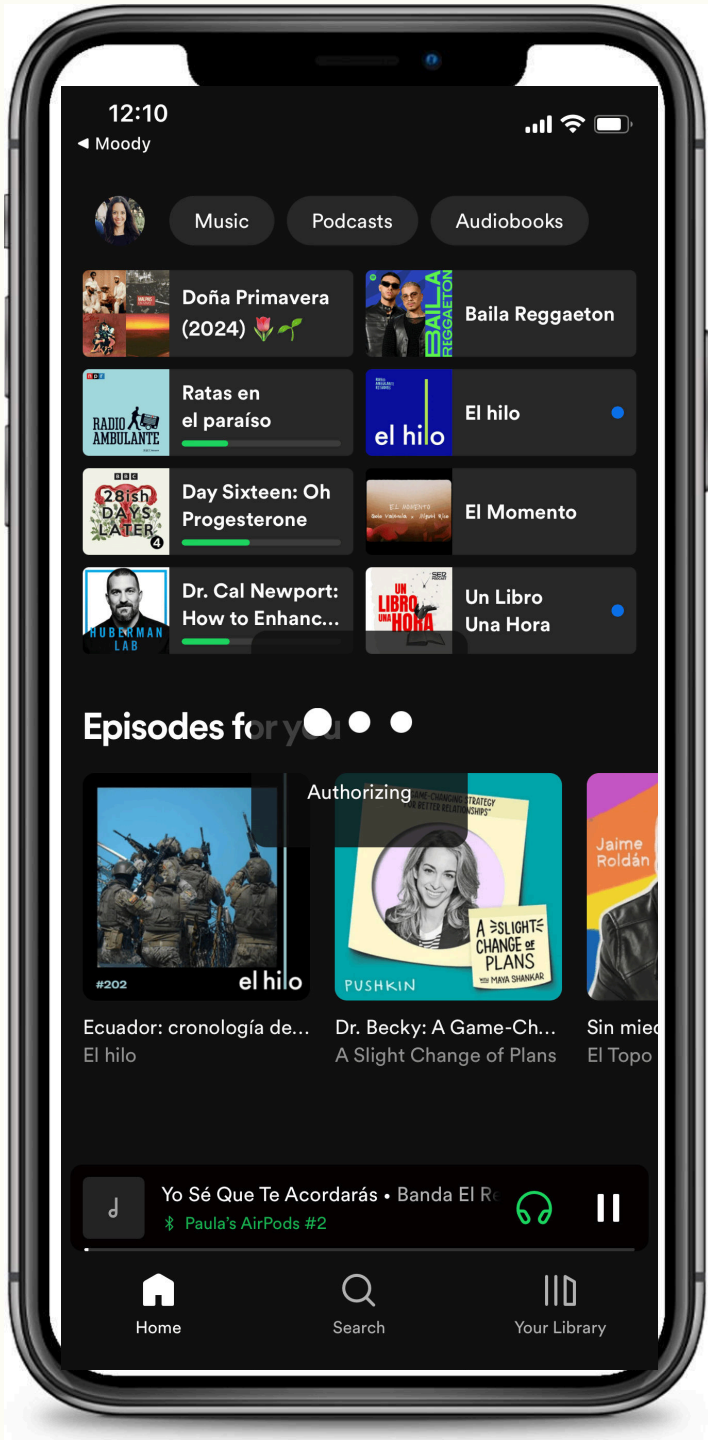
App Walkthrough



App Walkthrough



App Walkthrough



Generate mood song and playerflow