Midway Milestone

Jourdann Fraser
Vy Mai
Tiffany Manuel

Problem/Solution Overview

Journaling is time-consuming, and photos only capture visual details. Rechords uses the connection between music and memories to **recreate the environment of the memory itself** and give users **a better way to remember**.

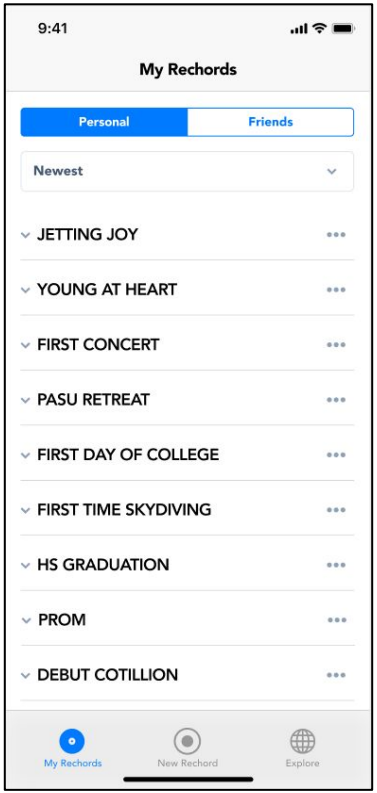
Mission Statement

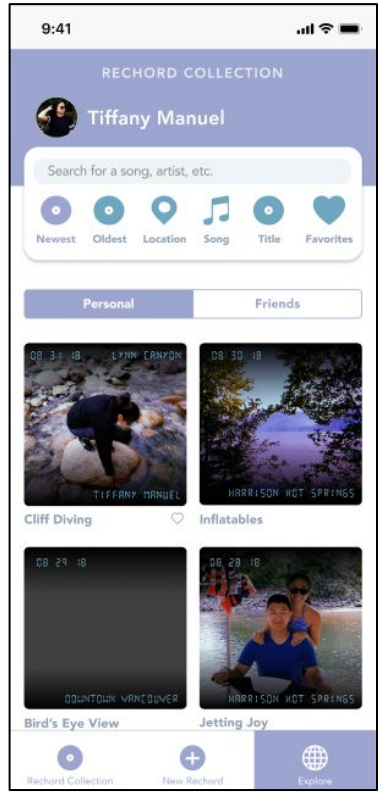
By **connecting music to memories**, we hope to **add a new dimension** to memory keeping.

Overall Design Changes
HE Results
Corresponding Revisions
Prototype Status
Tools
Implemented Features
Unimplemented Features
Wizard of Oz
Hard-Coded Data
Demonstration
Summary

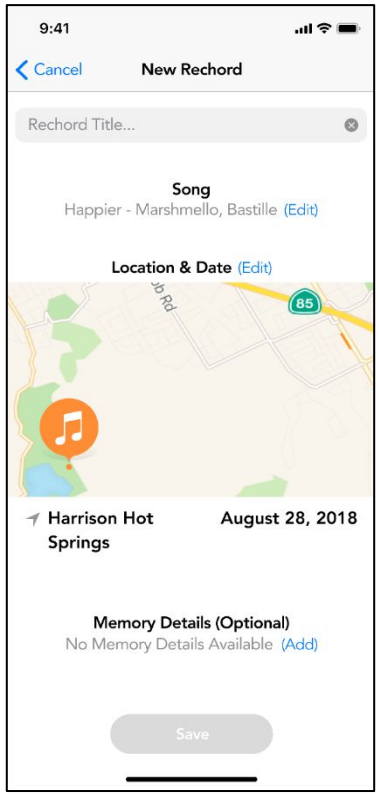
Overall Design Changes

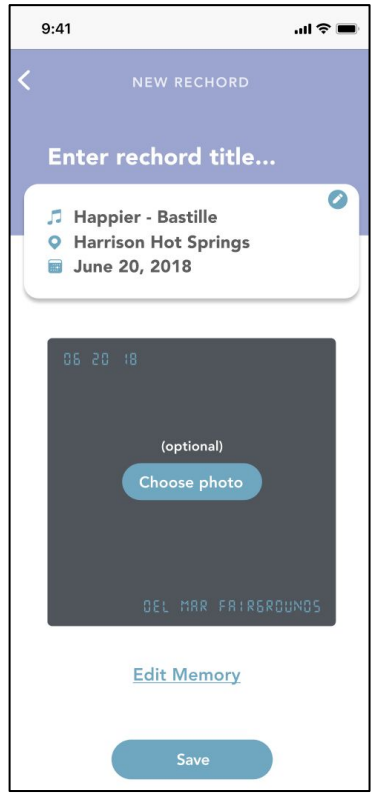
Playlist Design to Album Design





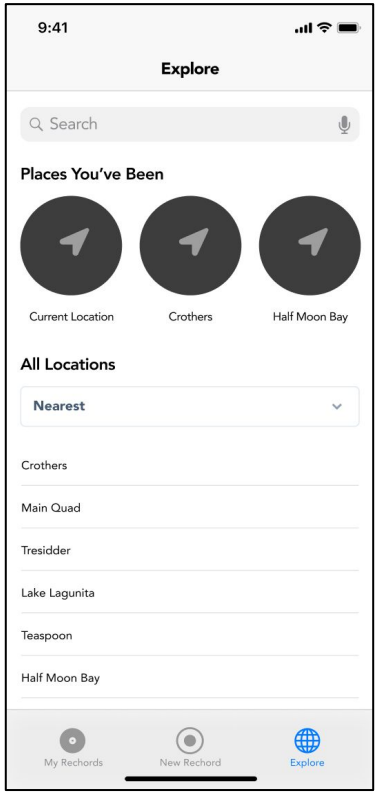
"Create New Rechord" Screen

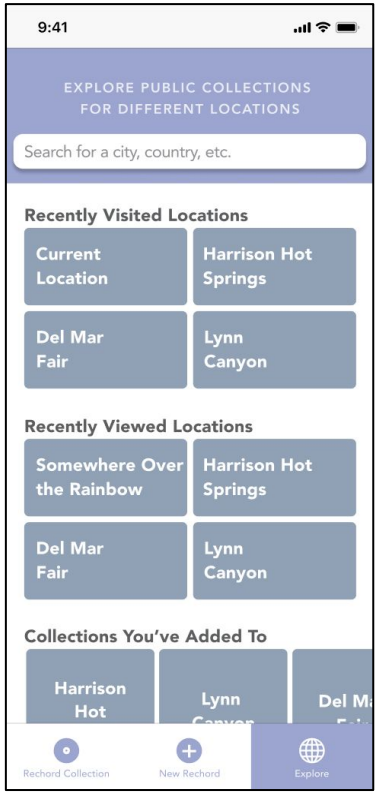




- Required info grouped together at the top
- Optional info grouped together at the bottom
- Album Design Applied

"Explore" Screen





- Applied redesign
  - Made consistent with the feel of the rest of the app
- List view easier to look at
  - Less cluttered

Heuristic Evaluation Results

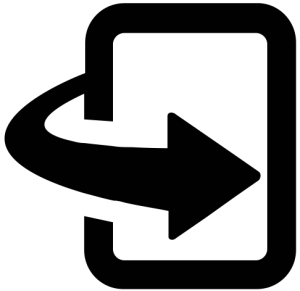
Unclear that rechord card is flippable/clickable

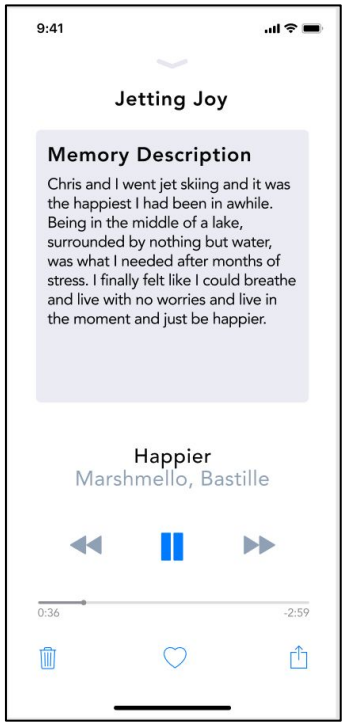
Problem

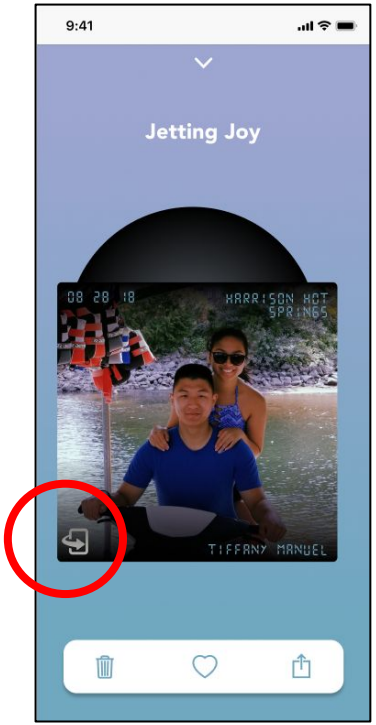
- Unable to find “Rechord Description”

Solution

- Include “Flip” icon







No “Add Friend” option

Problem

- Unable to find friends when sharing

Solution

- No database of friends
- Search through all users for now

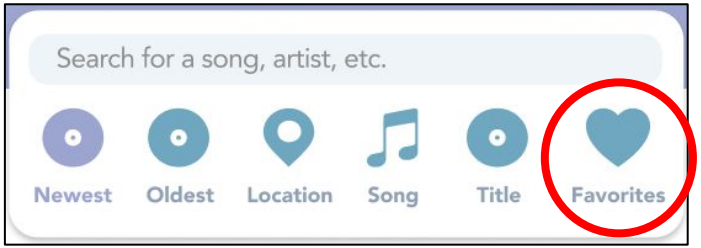
“Favoriting” is unclear

Problem

- Unclear what results of favoriting are
- Are your favorites private or public?

Solution

- “Favorites” added to “Sort By” options



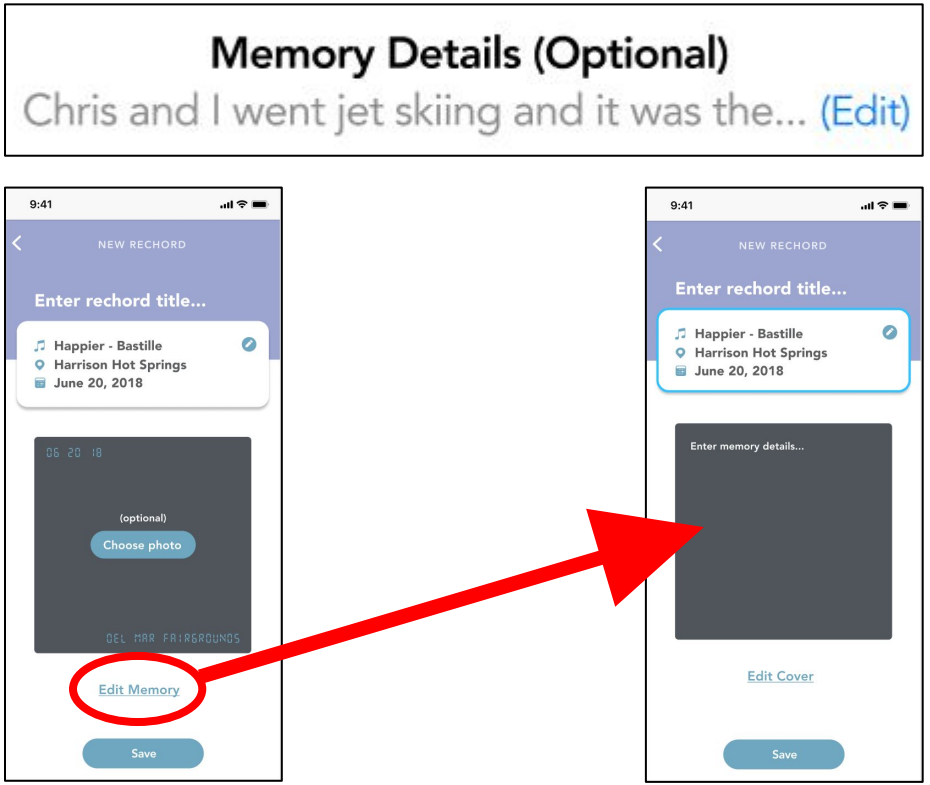
Proofreading "Memory Details" is difficult

Problem

- Proofreading requires an extra click
- Lack of error prevention

Solution

- Text field remains on the same screen



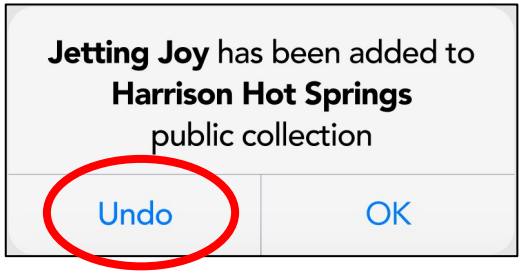
No “Undo” option for adding to location/sharing

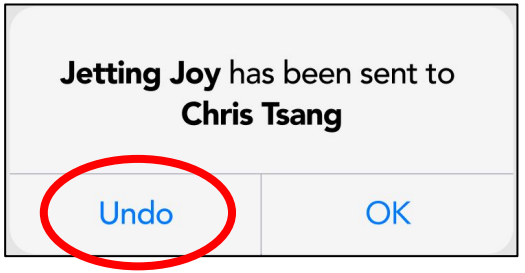
Problem

- Unable to remove rechord from Location Playlist in case user accidentally adds
- Unable to unshare rechord in case user accidentally shares

Solution

- Include “Undo” option





Cannot edit song and location

Problem

- After saving rechord, only able to edit “Memory Details”
- Accidentally save incorrect song/location

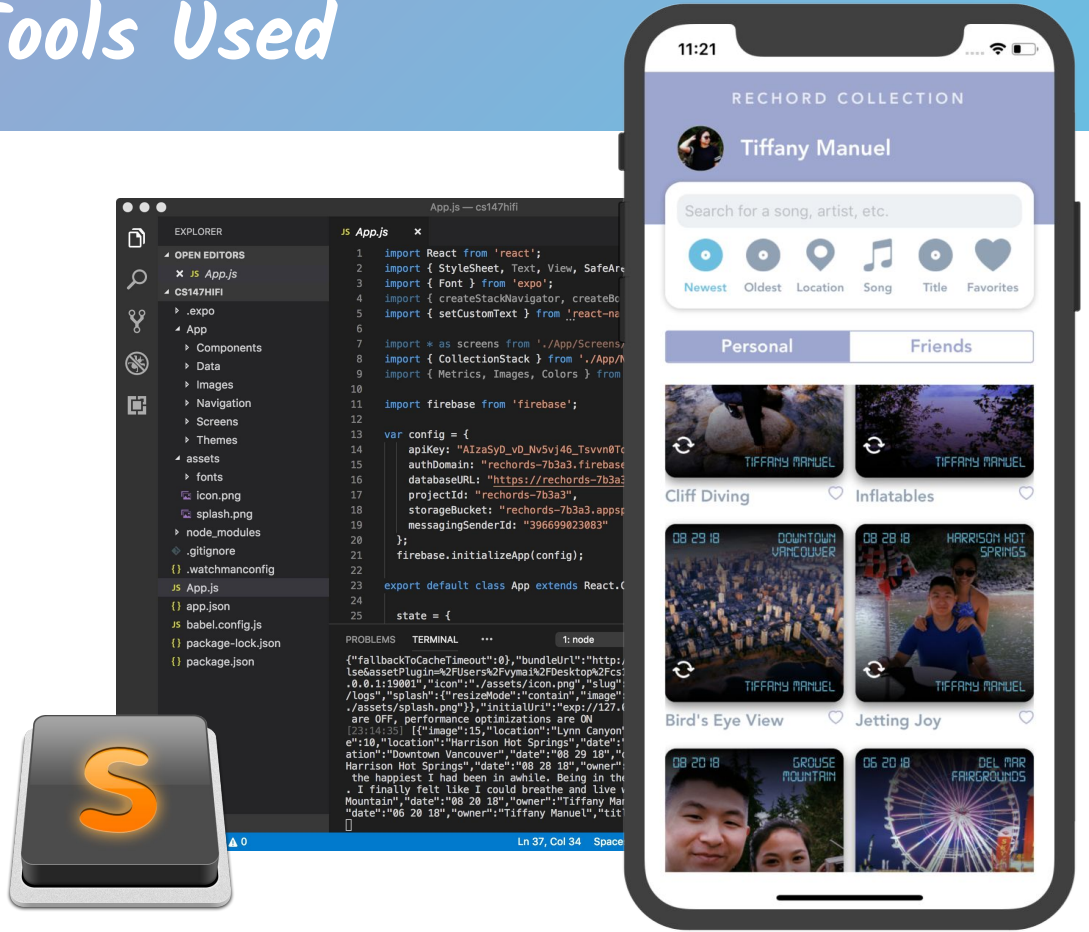
Solution

- Allow edits to song and location

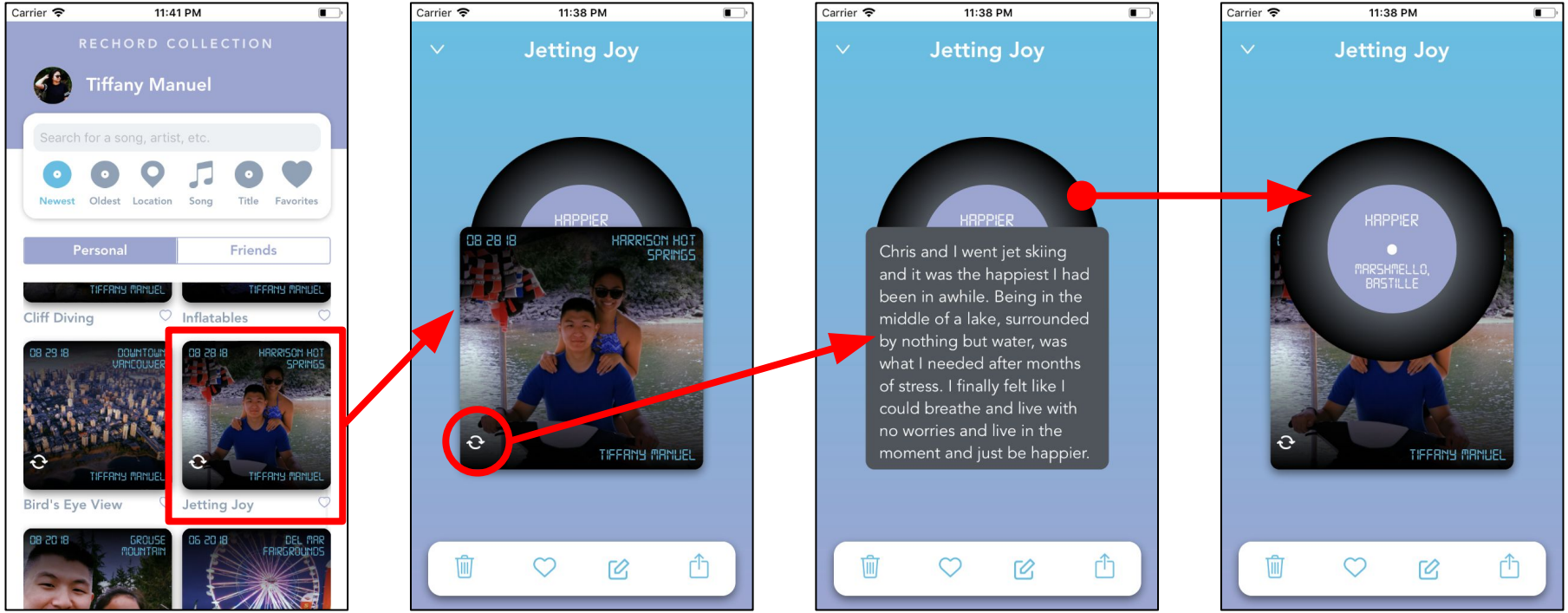
Prototype Status

Tools Used

- React Native and Expo
- IDEs
  - Visual Studio Code
  - Sublime Text
- iOS Simulator / iPhone
- GitHub

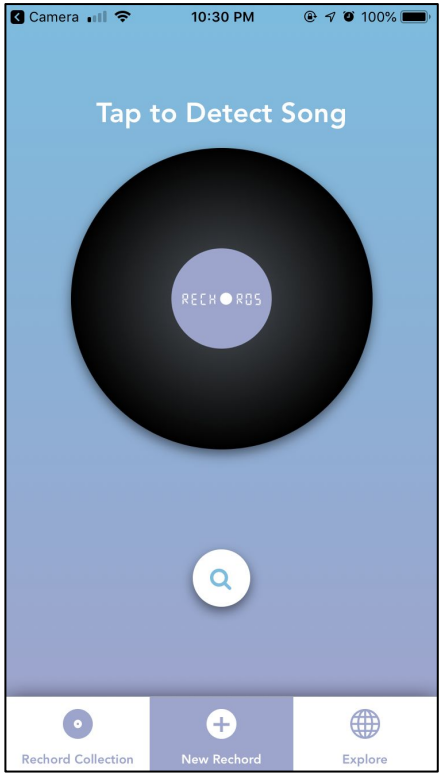


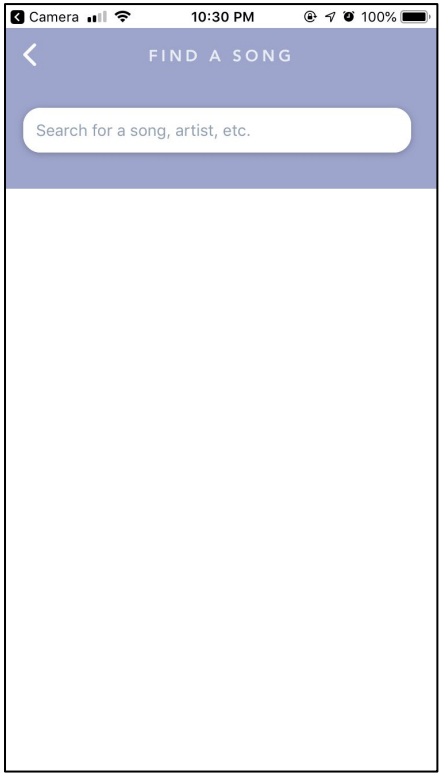
Implemented Features

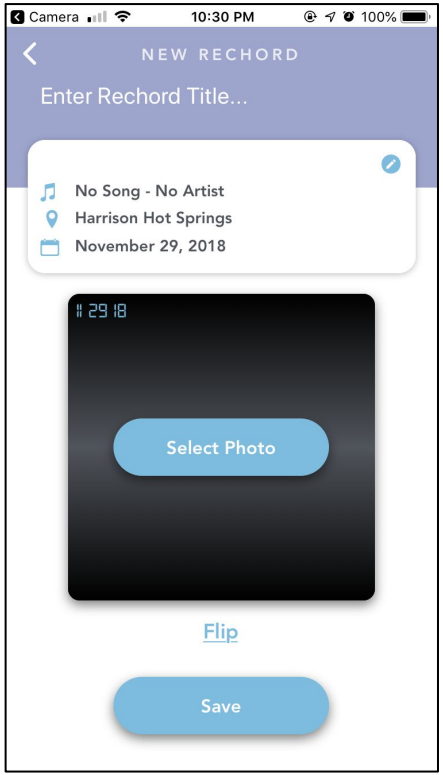


Rechord Collection / Rechord Viewer (Simple Task)

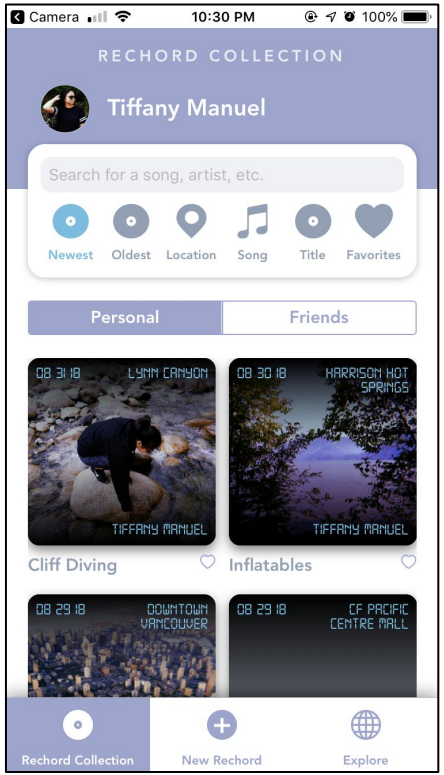
Implemented Features

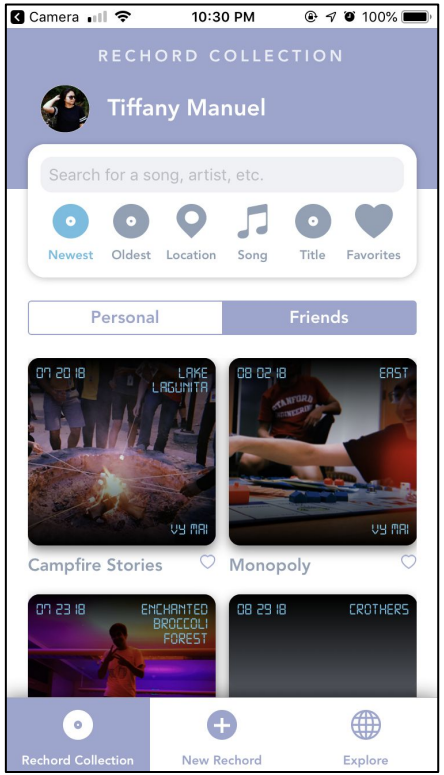


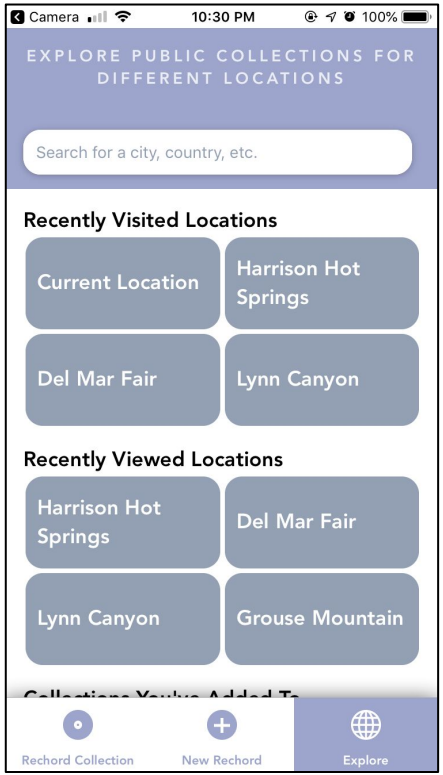


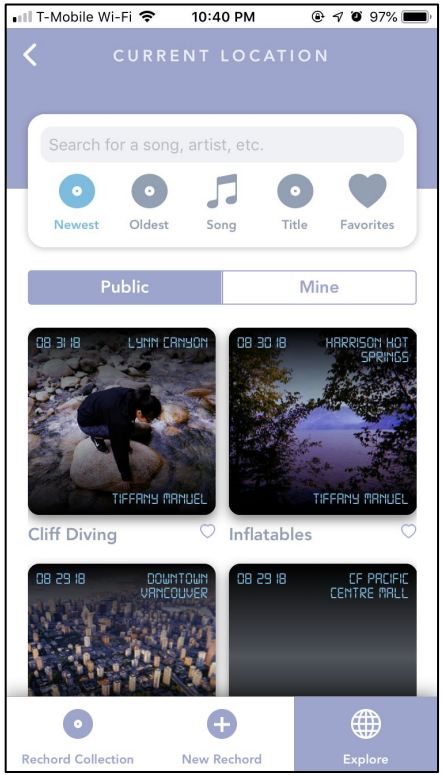


Implemented Features









Unimplemented Features

ToDo

- “Create New Rechord” functionality
- Public Location Collections
  - Data
  - Adding personal rechords
- “Send to friend” functionality
- Recognize song playing

Plan

- Re-use code from similarly styled components
- Figure out database
- Use existing Spotify API

Unimplemented Features

ToDo

- “Create New Rechord” functionality
- Public Location Collections
  - Data
  - Adding personal rechords
- “Send to friend” functionality
- Recognize song playing

Plan

- Re-use code from similarly styled components
- Figure out database
- Use existing Spotify API

Hardcoded Data

- Details of rechords for “Friends” and “Public Location Collection” (song, location, date, owner, etc.)
- List of friends
- Sort by functionality
- Recognized song (if API plan doesn’t work)

Questions / Issues

- Not sure how to use Spotify API in React Native
  - If we can’t get the feature to work, should we just default to searching/manually inputting the song?

Demonstration

Summary

Summary

- Playlist Design changed to Album Design
  - Terminology changed from “playlists” to “collections”
- User given more control and freedom
  - “Undo” options
  - Editing song and location
- Most of the screens have been created
  - Few minor fixes will be made in final project
- Working on database this weekend to complete functionality
  - Primarily for creating a new rechord