



tune ties

Hi-Fi Prototype README

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CS 147 AU 2023

Product Statement

TuneTies is designed to facilitate the experience of attending and hosting live shows. We seek to make it easier for users to find and attend small local live events through our discovery features, meet and connect with fellow music lovers in their communities, and make it easier for smaller artists to gain an audience and promote their shows.

Access our Prototype on Expo Go

[iOS:](#)



[Android:](#)



Installation Instructions

Access on the Web

<https://expo.dev/accounts/mmurrell/projects/cs147-a8/updates/4f761905-adfc-4b13-ac7f-8833adbec7f4>

Access on iOS or Android

Download the Expo Go app and scan the following QR code at the top of the page.

Building from Source

1. Download the code from Github
2. Download Expo, node, and yarn
3. Open in VS Studio or your favorite text editor
4. Run yarn install or npm install
5. Run npx expo start and open either on ExpoGo or iOS or Android Simulator

Operation Guide

Taskbar

- Discover button (map icon) links to **Discover page**
- Friends button (two people icon) links to **Friends page**
- Events button (calendar icon) links to **Events page**
- Profile button (one person icon) links to user's **Profile page**

Home Page (BeatMap) Discover Tab

- A map of the area with icons (concentric circles) shows events near the user's location, the size of the icon represents the number of people attending.
 - Clicking one of the icons takes the user to the event's page.
- Search Bar at the top allows user to search for specific events and utilize filters

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- Upon sending a search request user is shown results in list format event screen
 - Recommended/Bookmarked events are shown as icons at the bottom of the page.
 - Similar to the beatmap, selecting an event takes the user to its page.

Events Tab

- Search Bar from BeatMap has same function here
- Genre options are listed at the top of of page for user to filter events with
 - Using these filters takes user to a list format page
- Create event (floating plus icon) takes the user to the event creation screen where they can add their own event. This is only visible for users who registered as Artists or converted from Eventgoer to Artist on their Profile page.

Event Screen (List Format)

- This view is enabled when the user attempts to sort or filter through the events from the previous screen. It shows events in a list style with smaller icons to allow for easier and more streamlined search of events with less extraneous details. Selecting an event takes the user to its page
- Create event (floating plus icon) has the same function as above.

Event Details Page

- Users can see a description of an event including the date and time, location, and artist(s).
- Bookmark button allows users to save an event so they may return to it later easily.
- Follow button allows users to follow an artist and receive notifications and updates about their activity.
- Invite button allows users to invite other users to the event.

Event Creation

- Users are prompted to fill in the details of their event:
 - Name of event
 - Date and time of the event

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- Location of the event
 - Promotional image of the event

Profile Page

- From here, the user can edit their profile and view their following and followers.
- If the user hosts events they can also view their past events here.

Friend Page

- Users can follow other users to receive updates on their activity and send them direct messages if they follow them back.

Limitations

Map Navigation is very limited in this prototype. We wanted to focus on implementing the features beyond the Beatmap since its usability is limited anyway without real online data, hence there is no way to move around the Beatmap or zoom in or out.

User Assistance pages still need to be incorporated. Currently there is very little instructions on how to use/navigate the app embedded in the app. These features would be added later once all the tasks are completed and the task flows become clear.

Gamification is another aspect of the app we were unable to bring to the prototype as we would need more data from users in order to properly design it to be fun and effective.

Wizard of Oz

Some Wizard of Oz features include the following:

The **BeatMap** has fictional events with many attendees when the user opens the beatmap. This needed to be manufactured as the app has no users to post events and no data of real events. We believed that artificial events were necessary to simulate for users what the map may look like on a typical night with several events of different magnitudes scattered across the area.

Friend Event Invitations are designed with plenty of friends to view and some friends preselected to be invited. This is to showcase how users can select and deselect friends to invite and invite multiple friends at once. Since there are no users yet, there are no possible friends to be had.

Hard-Coded Items

Profile Creation is hard-coded with a preset user info. This allows users to see the profile creation prompts and UI without putting in their own information.

Onboarding precedes the first launch screen to give users an idea of the primary function of the app and its features.

The Events Page and Creation Page are hard coded with the same information to showcase how the UI would look even though there are no users sharing events or creating new ones.

Tools Used

Software and Design Tools

We redesigned our app on **Figma** ([link](#)). See our revamped med-fi design.

We wrote our code in **React Native** using **Expo**. Our team's repository is hosted on **Github** ([link](#)).

Frameworks

- **Expo Router** ([documentation](#))
- **Font Awesome** ([documentation](#))