

ALTiO High-Fidelity Prototype README

Emily H., Frankie S., Jared P., Hannah K.

Tools Used:

Our high fidelity prototype for ALTiO was built using React Native in Expo. Tested on a variety of iPhone devices and simulators.

Operating Instructions:

If you are using a handheld device:

1. Download the Expo Go app on your device (our app was optimized for an iPhone 12).
2. Log in using the following username and password:
 - a. Username: emily2_h
 - b. Password: Cs!4&2)2!
3. Open this link and scan the QR code, or open the “Altio3” app in Expo Go:
https://expo.dev/@emily2_h/altio3?serviceType=classic&distribution=expo-go

When the app opens, an account creation prompt appears that asks users to input their emails and some quick information about them. Then the onboarding flow begins that explains the purpose and use of ALTiO - feel free to read through this as you naturally would. In the home feed, users scroll through posts, containing a video, captions, a music card, audio interpretations, a user handle, a post title, and a post description, as well as the standard “like”, “comment”, and “share” buttons. The various interpretations can be scrolled through via a swipe and users are able to see their preferred content that they select in their preferences at the start of the app. A navigation bar exists at the bottom of the screen that allows users to go **home**, to the social feed; **create**, to create an ALTiO; **search**, to discover new content; and finally to their **profile**, to look at their own information and posts. There is also an information icon, where users can click the icon to go learn more about the app.

The posting flow allows users to post a video from their own library with an accompanying audio from within the app, or optionally to not include audio. For both audio/no audio, users proceed to an interpretation screen where they can select their interpretation method from the following options: **draw**, **ASL**, and/or **creative cc**. Users can include one or more of these methods with each post. If users chose to

draw they are also asked to annotate their drawings to explain their design decisions. Users may choose to cancel or edit their interpretations / posts at any point in this process, and may also access a variety of information resources via “i” buttons throughout the process.

When users search they can view a variety of content associated with audio or posts. They can then filter this content by type of interpretation should they choose to do so.

Hard Coded Elements:

- Our app depends on user generated content, so some of the posts and profiles that show up in the user feed and all of the user profiles are hardcoded.
- Within the posting process, all of the audio that is available and the captions and hashtags accompanying each audio clip are hardcoded

Limitations:

- Users cannot currently upload music from their own respective libraries or streaming service
- There is no sharing functionality currently.