

# OX High-Fidelity Readme

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## 1 Usage

Our prototype was built using React Native and was optimized to be used on the iPhone X. It is available as an expo project on our site, To use the application, follow these steps:

1. Install Expo Client app on iPhone X
2. Sign in with credentials on Expo app:  
**username:** ox\_final\_project  
**password:** trijeet
3. Scan QR code at [https://expo.io/@ox\\_final\\_project/ox](https://expo.io/@ox_final_project/ox) with iPhone camera

Unfortunately, Apple recently changed their developer sharing policy that prevents any Expo account from loading our app, so this is our workaround. We are looking for a better way to publish the app.

## 2 Limitations

1. The app does not actually scan the room for people present, but relies on randomized profiles to select listening party members
2. Music data is pulled from the filesystem, not from the Spotify API. This is the first thing to improve going forward.
3. The music selection algorithm that drives the created playlists needs more development, to support the features that allow the curation to work properly.
4. The profile page is hardcoded, and will be built out once the concept of a user object is created (including the music feature hexagons)

In total, we focused on the presentation of the user interface above all. The algorithmic aspects of the prototype would be the next step in making this application a reality. However, we are extremely happy with the results, and hope that you enjoy our vision.