



# Immerse Hi-Fi README

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## **Operating Instructions**

We prioritized implementation for the **iPhone 11**. An iPhone and the Expo Go app is required to run our prototype.

### Using Expo Project

1. Download the Expo Go app from the App Store.
2. Login to Expo with username “immerse147” and password “147immerse147”.
3. Visit <https://expo.io/@immerse147/projects/Immerse> and click on the “Open Project Using Expo” button.
4. Turn your phone ringer on to hear sound.
5. You can now explore Immerse!

### Using Local Source Code

1. Download the Expo Go app from the App Store.
2. Open this Google Drive [link](#) to download the project .zip file. Unzip the file on your computer.
3. Open up your computer's terminal and navigate into the unzipped directory (e.g. type "cd path/to/directory" or type "cd" and drag and drop the directory into the terminal).
4. Once you're inside the project directory, run the command "npm install" to install the project dependencies.
5. Run the common "npm start". A hyperlink should open on your terminal or web browser with a QR code.
6. Use the iPhone camera to scan the QR code. It should take you to the Expo app, where our project will start loading.
7. Turn your phone ringer on to hear sound.

8. You can now explore Immerse!

### **Limitations**

We prioritized implementing our three tasks and the main features of our app. Here are additional features that we would like to implement in the future:

- Vocabulary pop-ups are edited into the videos. Ideally, vocabulary pop-ups would be clickable and interactive.
- Due to packaging issues with including large video files, implementing one continuous video, even when compressed, was not feasible without unreasonably compromising the video's usability. Users are currently able to revisit prior segments of the video only by the back buttons.
- Voice recording and speech recognition are mocked.
- Users are unable to "save" or "archive" vocabulary, voice recordings, or videos.

### **Hard-Coded Elements**

- The available topics and videos (as well as their descriptions and characters) are stored in memory.
- Pronunciation feedback reports are hard-coded.
- The videos listed in the "Continue Watching" section are hard-coded.