



# Sprout

An organic way to  
grow connections

## Sprout README

### Hi-Fi Prototype:

<https://expo.io/@acui51/projects/sprout-app>

### Operating Instructions:

IF YOU ARE USING THE PUBLISHED LINK

Navigate to the link above and scan the QR code with your phone, and open Expo Go if not already downloaded.

IF YOU ARE DOWNLOADING THE ZIP FILES:

Our prototype was built using React Native and Xcode to be executed on an iPhone 12 Pro Max running iOS 14.4. It is available as a .zip file containing our source code on the website. In order to run the app through an Xcode simulator, follow these steps.

1. Unzip the package, and then navigate to where you unzipped the files.
2. In the Terminal, execute the following commands
  - a. Yarn install
  - b. Yarn start

3. Ensure that you are building the program using the iPhone 12 Pro Max simulator
4. Build

## **Limitations:**

As this is a prototype, many features that would be present in the final app have been omitted or hard-coded. These include:

1. Recording a sound and playing a sound through the actual phone
2. The ability to log in as different users
3. The audio frequencies in the 'Soundcloud Players' are randomized
4. Connecting with a user is not saved anywhere, but is rather hard coded to simulate connecting with them
5. There is only one sound evolution tree that every 'View Evolution' maps to
6. The chat logs are not saved