

# Recovery Grow

[Expo](#) / [GitHub](#) / [Website](#)

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## Tools Used:

To implement our final prototype, we used Expo and React Native. In addition, we used Xcode to run the application on an iPhone simulator for testing purposes.

## Operating Instructions:

Our prototype can be accessed using an IOS device, or an iPhone Simulator. (Please Note: Our prototype is optimized for the iPhone 14 Pro Max). We recommend using an iPhone Simulator.

1. Download “Expo Go” from the App Store
2. Create an Expo Go account, or log into an existing one.
3. Open the Camera app and scan the QR code at the top right corner of this page. Press the Expo Go Link that pops up.
4. NOTE: Sometimes the prototype does not run on Expo Go due to network issues. To access a more consistent working version, follow the instructions below:
  - 4b. Clone the source code from <https://github.com/kimberlybatdorf/cs147>.
  - 4c. Install the newest version of Xcode.
  - 4d. In Xcode, go to Preferences and click on the Platforms tab. Install the iOS 16.1 simulator from the list.
  - 4e. In your terminal, navigate to where the code is saved. Execute “yarn install”.

4f. Execute “npx expo start”. You should see a QR code and commands you can enter. Click “i” to run the app on the iOS simulator.

### **Wizard of Oz**

Analytics were generated by Wizard of Oz, specifically the tracking of the Mental Patterns and Physical Patterns.

### **Hard Coded Elements:**

In order to create a realistic user experience and showcase task flows without full backend functionality, we hardcoded multiple features in our app. These include:

1. The posts on the Grid in under the Updates Tab
2. The journal entry from one month prior under the Analytics Tab
3. The community forum posts and replies under the Community Tab

### **Limitations:**

Due to time constraints, there were some features of the final app that were not implemented in the prototype. These include:

1. Functionality for creating and responding to posts
2. Speech-to-text and text-to-audio functionality
3. Adding friends and viewing community updates
4. The creation of a user profile