How to Set up and Run the Pillbox App

1. Clone the repository to your local machine.
2. Open the “PillBox” folder in your preferred text editor.
3. Ensure that you have installed React Native properly.

<https://facebook.github.io/react-native/docs/getting-started>

1. Install react-navigation to the project in the “PillBox” folder with the following command:

yarn add react-navigation

or

npm install --save react-navigation

1. Install react-native-gesture-handler to the project in the “Pillbox” folder with the following command:

yarn add react-native-gesture-handler

or

npm install --save react-native-gesture-handler

1. Install react-native-modal-datetime-picker to the project in the “Pillbox” folder with the following command:

yarn add react-native-modal-datetime-picker

or

npm install react-native-modal-datetime-picker –save

1. Install react-native-ble-plx to the project in the “Pillbox” folder with the following command:

yarn add react-naïve-ble-plx

or

npm install --save react-native-ble-plx

1. Link all native dependencies by running the following command in the “Pillbox” folder:

react-native link react-native-gesture-handler

react-native link react-native-ble-plx

1. At this point you can either plug in a physical device or open a virtual device using Android Studio
   1. For Android Studio open the program and select “Open an existing Android Studio project”
   2. Navigate to the project and select the “android” folder under the “Pillbox” folder
   3. Select the “AVD Manager” in the top right corner 
   4. Select or create a virtual device running Android version Pie API Level 28 image and run it (more information at this link <https://facebook.github.io/react-native/docs/getting-started>)
   5. At this point feel free to close Android Studio
2. Run the following command in the “Pillbox” folder:

react-native run-android

Note: This will take some time the first time.

1. On the virtual device select Ctrl+M for various setting such as Hot Reloading