

Two API's that are worth looking at that can work intuitively with React Native is "React Native Maps" & "Expo Location". RN Maps allows you to draw polygons and create heat maps whilst Expo Location seems to be good at tracking users current position in different accuracies.

Expo Location: <https://docs.expo.io/versions/latest/sdk/location/>

React Native Maps: <https://github.com/react-native-maps/react-native-maps>

Expo Location	RN Maps
Highly specific with plentiful location tracking methods that can be called to find the user's current location depending on the specific range set.	Can draw polygons on the map that can be saved. The saved polygon can act like a region for a crisis/danger zone that we can pass information onto for other Authorities to act upon.
	In built functions to create heatmaps to calculate population density in a particular region. Can be used to also help track and develop region analytics.