**README: sharewaves**
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**Operating Instructions**
This prototype was developed for the iPhone 11 using React Native. The .zip file of the GitHub repository can be downloaded from our website. To run the app:
1. Download the .zip file of the sharewaves repository from our website.
2. Unzip the file and go into the sharewaves folder.
3. Insert Google Maps API key into "secret.env" file and rename it ".env"
4. Open your terminal, and change directories to the sharewaves folder.
5. Type "npm install".
6. Change directory to sharewaves/ios, and type pod install.
7. Return to the sharewaves base folder, and then type "npx react-native run-ios".

More detailed instructions and troubleshooting information can be found on the GitHub.

To **explore different stories**, users click on the different pins. Users can then read/watch the story in a new screen.

To **add new stories**, users click on the "+" button and then select either news or video.

To **learn about offline activities,** users must first complete enough tasks (exploring different stories and adding new stories) to fill up the pressure bar at the top. When the pressure bar is full, the "Ride the Wave" screen pops up with potential events that the user can explore and learn more about.

**Limitations**
We have no Wizard-of-Oz techniques, but we do have hard-coded content. As this prototype is not a real application, the information and flow is limited to the core functionality and the application does not have access to real user data.

Since we had limited time, we chose to prioritize actions that were essential to our three tasks. We have a number of other limitations, including:
- Users cannot dynamically add links – a default link is set for the new beacon
- The map is static, and users cannot scroll, zoom in/out, etc. and change the scale of the map
- We did not include a tutorial flow