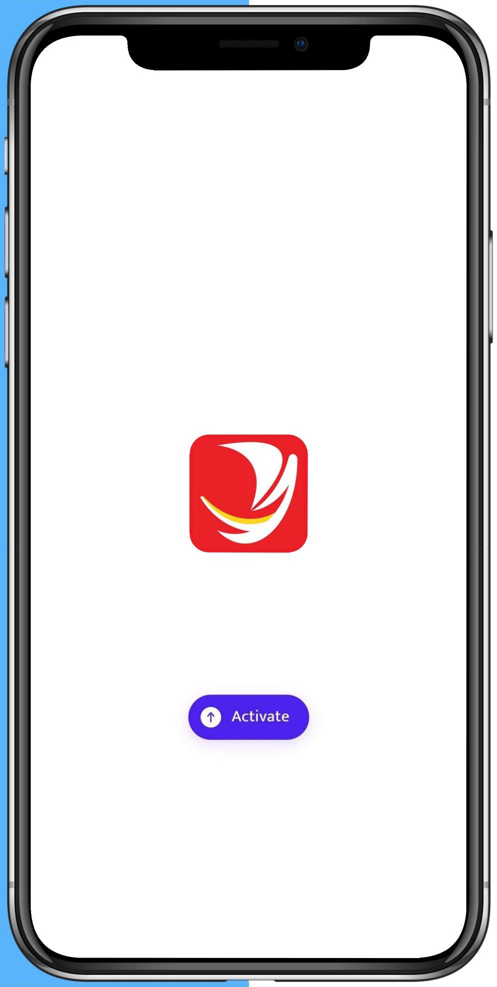
Screenshot Toggler App



- ➔ Create a react-native app that runs on Android and iOS
- ➔ Display app logo and a toggle button with 2 states - Activate and Activated
- ➔ Turn on/off native device screenshot feature based on the button status
- ➔ If the Screenshot is enabled, **show an alert** to the user after each screenshot event.
- ➔ On tapping the Activate/Activated button, invoke a custom made **React Native plugin** to update the device screenshot status (ref next slide).
- ➔ On plugin response, submit the result to a REST API including the following device details
  - ◆ OS, device name, device MAC address, IMEI , Location, Public IP Address and screenshot status
- ➔ Show wait loader during plugin invocation and API call

React Native Plugin

- Create a custom react native plugin to enable/disable screenshot for Android and iOS and avoid using existing NPM packages
- While tapping Activate button, enable device screenshot feature and tapping Activated button, disable device screenshot feature
- Plugin should behave according to the device platform & OS
- Plugin should display error message to the user in case of screenshot disable/enable operation failed

HOW TO CONNECT

The Backend API

- ✓ The JSON payload has to be submitted to a backend API on tapping the buttons
- ✓ Use any mock api services

Additional Instructions

Framework & Platform

Solution should be implemented using latest version of react-native without using expo. Build can be made either on Android or iOS

Task Submission

Please share the source code on github as a public project and provide the README instructions to build and run the app

Third Party Libraries

Please refrain from using third party UI libraries such as native-base, react-native-elements, react-native-material-kit etc

YOUR RATINGS WILL BE DECIDED BY

Evaluation Criteria

Completeness

It should be a working app which closely matches the design provided.

Approach and Design

The code should be modular, readable and clean and follow the best practices around ES6/Typescript/React

Performance

Build smooth, high performant UI with effective usage of state variables

Integration & Unit Tests

Follow best practices in API and plugin integration, write unit and integration test