Mobile Application Development
Note-It!
By
Class: DIT/FT/1B/01
Team No: 9

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UI Components
- CustomButton.js – a button that have more options then the build in button
- NoteEditor.js – use by NewNote and EditeNote page as they have many similar UI designs but different functions.

Modules to Install

- react-native-gesture-handler *
- react-navigation
- react-navigation-stack
- @react-native-community/async-storage *
- @react-native-community/checkbox *
- react-native-svg *
- @fortawesome/fontawesome-svg-core
- @fortawesome/react-native-fontawesome
- @fortawesome/free-solid-svg-icons
- @fortawesome/free-regular-svg-icons
- react-native-ssl-pinning*
- @mauron85/react-native-background-geolocation*
- react-native-push-notification*
- react-native-color-picker
- jetifier **

* Link required
** To convert some modules to AndroidX standard

Set up instructions

1. The app folder is where all the react-native JavaScript file is located
2. Please do not delete, replace or rename any of the file.
3. Replace any of the file generate by react-native init with the file that I provided including index.js
4. The RootCA.cer in the app folder move it to "android\app\src\main\assets\" *
5. In AndroidManifest.xml file add following line
    <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
    <uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />
6. You can now run the app in android studies
7. In the server folder open Command Prompt and run node server.js *
8. After android emulator had booted up run "adb reverse tcp:443 tcp:443", adb.exe can be found in "%HOMEPATH%\AppData\Local\Android\Sdk\platform-tools\" *

* required for the app to talk to the server