Test task:

The main goal of this test tasks for a potential candidate is to prove interest in development of mobile applications on Javascript using React Native framework. Test task itself does not presume writing native Android code using Java or iOS using Objective C/Swift.

Description:

You need to build an application with following screens:
- Login screen
- Feed screen

If would be great if your app will work on both iOS and Android with the same level of quality but it is acceptable if you focus on one platform only. The only strict requirement here is that app should not crash of both platforms.

Login screen should let users to log in to the application. There is no need to use any authentication API: you can define list of allowed user accounts with their passwords directly in the code. Login screen should handle invalid username/password combination and show an appropriate validation error.

Feed screen should be available only after user logs in. Feed screen should send request to any public API (any news feed, weather feed etc.) and display results of the API request. It would be a plus if results of API request are cached, so when user logs in next time, Feed screen will immediately come up with the data.

Application should support logout functionality either by having a separate logout screen or button in the header or footer of an app. Logout should redirect users back to Login screen.

For those candidates who are new to React Native:
Please follow the tutorial on the official RN web site:
https://facebook.github.io/react-native/docs/getting-started.html
The easiest thing for you would be to build an app using creat-react-native-app toop (which is very similar to creact-react-app tool used by React.js community) and test it on your device (or emulator) using an Expo app.

What will be checked:
- We expect that you will send us the source code of you app together with the Readme.md file that describes how to build and run it. Please make sure that the instruction is complete before you send the code to us.
- We'd like to see the clean and simple code. If you use Redux, it would be a big plus for you.
- We's like to see clean fluent layout that handles various screen dimensions.
- You are free to use any 3rd party packages from npm, yarn or or GitHub store.