1. npm install @react-navigation/native
2. npm install @react-navigation/stack
3. npx react-native link react-native-gesture-handler react-native-screens react-native-svg

* Since the ‘Button’ component in react-native does not have many options when it comes to editing or styling the component, in here it uses component called ‘TouchableOpacity’ which can easily be styled and act as a button.

1. npm install react-native-screens
2. npm install @react-navigation/native @react-navigation/bottom-tabs

* to create the bottom navigation bar in most of the pages

1. npm install @react-native-picker/picker

* For to create the dropdown list in the ‘Material.jsx’ page

1. npm install react-router-dom
2. npm install axios

* uses this library to make http requests from the react-native app to the server

const Register = { username, password, age, chestwidth };

        try {

        const res = await axios.post('http://localhost:4000/registers, Register);

        window.alert('Successfully added data to the database');

        console.log(res.data);

        } catch (error) {

        console.error('Error in adding a new user:', error);

        }

In here in the console the response data would be displayed using the ‘res’ object and ‘data’ property. It grabs the response from the server as username, password, age and chestwidth through ‘handleSubmit’ , and send a Post request to the endpoint of ‘registers’ .

To connect the java spring backend to mysql database we have to initialize the required connections inside the application.properties file. As the username and the root

And then have created separated folders as