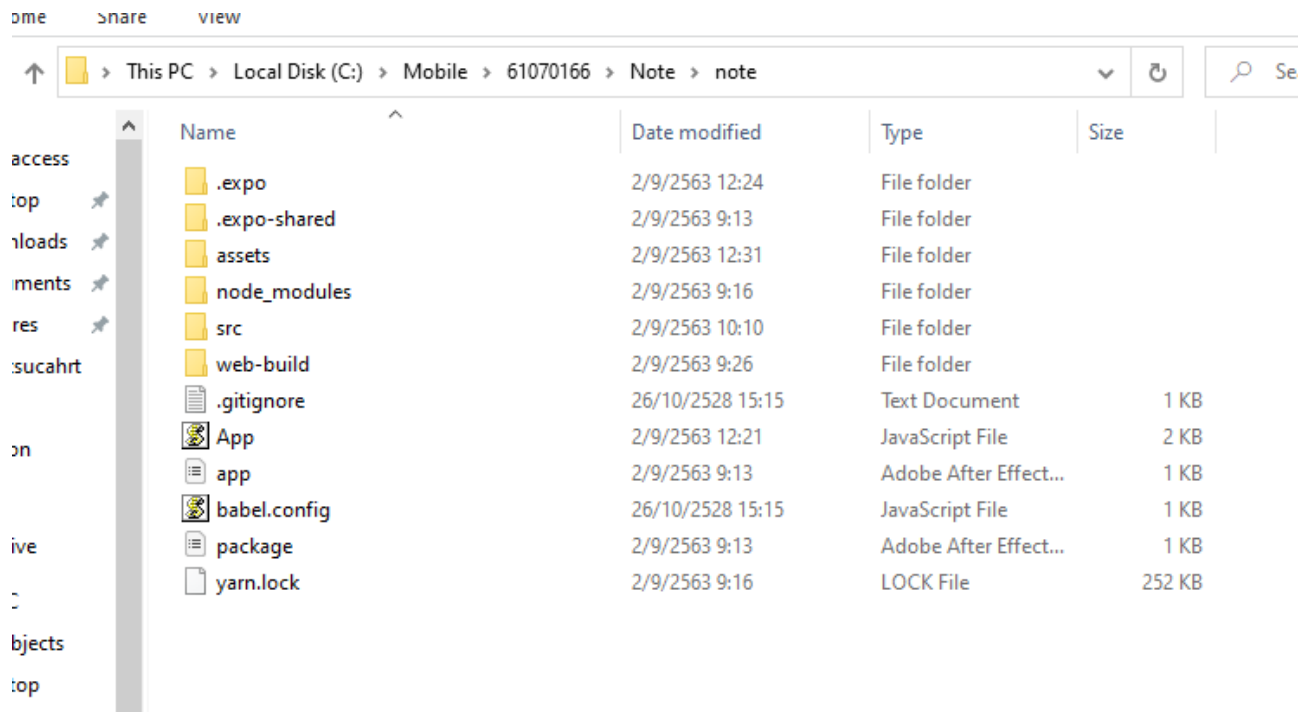


Lab 3 : React Native Component Part I (Props and State)

- ให้นักศึกษาทำการสร้าง New Project ใหม่ ชื่อ Note ใน Folder Mobile\<รหัสนักศึกษา>\Note แบบ **Blank Project** โดยใช้คำสั่ง



- Hint:** TextInput, Button, TouchableOpacity, State



```

App.js  X  package.json  Main.js  Note.js
App.js > App > [X] noteDelete
1  import { StatusBar } from "expo-status-bar";
2  import React, { useState } from "react";
3  import { StyleSheet, Text, View } from "react-native";
4  import Main from "../src/Main";
5
6  export default function App() {
7    const [note, setNote] = useState([]);
8    const [text, setText] = useState("");
9    const noteHandle = (e) => {
10     |   setText(e.target.value);
11   };
12   const noteSubmit = (e) => {
13     |   if (text !== "") {
14     |     e.preventDefault();
15     |     setNote([...note, text]);
16     |     setText("");
17   }
18   |   console.log(note);
19   };
20   const noteDelete = (event, index) => {
21     |   const index1 = note.indexOf(index);
22     |   const arr1 = note.filter((value, index1) => {
23     |     |   if (index1 !== index) {
24     |     |     return value;
25     |   }
26   |   });
27   |   setNote(arr1);
28   };
29   return (
30     <Main
31       |   noteSubmit={noteSubmit}
32       |   noteHandle={noteHandle}
33       |   text={text}
34       |   note={note}
35       |   noteDelete={noteDelete}
36     />

```

```
App.js package.json Main.js X Note.js
c > Main.js > [e] Main
1 import { StatusBar } from "expo-status-bar";
2 import React, { useState } from "react";
3 import { StyleSheet, Text, View, TextInput, Button, Image } from "react-native";
4 import Note from "../Note";
5
6 const Main = ({ noteSubmit, noteHandle, text, note, noteDelete }) => {
7   /*
8     const [note, setNote] = useState([]);
9     const [text, setText] = useState("");
10    const noteHandle = (e) => {
11      |   setText(e.target.value);
12    };
13    const noteSubmit = (e) => {
14      |   e.preventDefault();
15      |   setNote([...note, text]);
16      |   console.log(note);
17    };
18   */
19   return (
20     <View style={styles.container}>
21       <Text>สวัสดีบ้านที่</Text>
22       <View style={styles.input}>
23         <TextInput
24           style={styles.tinput}
25           placeholder="บันทึกข้อความที่นี่"
26           value={text}
27           onChange={noteHandle}
28         ></TextInput>
29       </View>
30       <View style={styles.input}>
31         <Button title="บันทึก" onPress={noteSubmit}></Button>
32       </View>
33       <View style={styles.input}>
34         <Note arrText={note} noteDelete={noteDelete} />
35       </View>
36       <View style={{ position: "absolute", bottom: 50, left: 200 }}>
37         <Image
38           source={require("../assets/IT.png")}
39           style={{ width: 100, height: 100 }}
40         />
41       </View>
42     </View>
43   );
44 };
45
46 const styles = StyleSheet.create({
47   container: {
48     flex: 1,
49     flexDirection: "column",
50     marginTop: 50,
51     alignItems: "center",
52   },
53   tinput: {
54     borderWidth: 2,
55     borderColor: "red",
56   },
57   input: {
58     width: "75%",
59   },
60 });
```

```
App.js package.json Main.js Note.js X
src > .js Note.js > ...
1  import { StatusBar } from "expo-status-bar";
2  import React, { useState } from "react";
3  import { StyleSheet, Text, View, TouchableOpacity } from "react-native";
4
5  const Note = ({ arrText, noteDelete }) => {
6    const mapNote = (note, index) => {
7      return (
8        <TouchableOpacity
9          key={index}
10         onPress={(event) => noteDelete(event, index)}
11       >
12         <Text>{note}</Text>
13       </TouchableOpacity>
14     );
15   };
16   return <View>{arrText.map(mapNote)}</View>;
17 };
18
19 export default Note;
20
```