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EXPLORER

JS Cities.js

APPRNCOLOMBIA
> .expo
∨ api
  ∨ components
    JS Cities.js
    JS Departamentos.js
    JS MainPage.js
    JS NavigationTab.js
    JS Regiones.js
  JS Services.js
  > assets
  > node_modules
  ◇ .gitignore
  JS App.js
  {} app.json
  𝐵 babel.config.js
  {} package-lock.json
  {} package.json
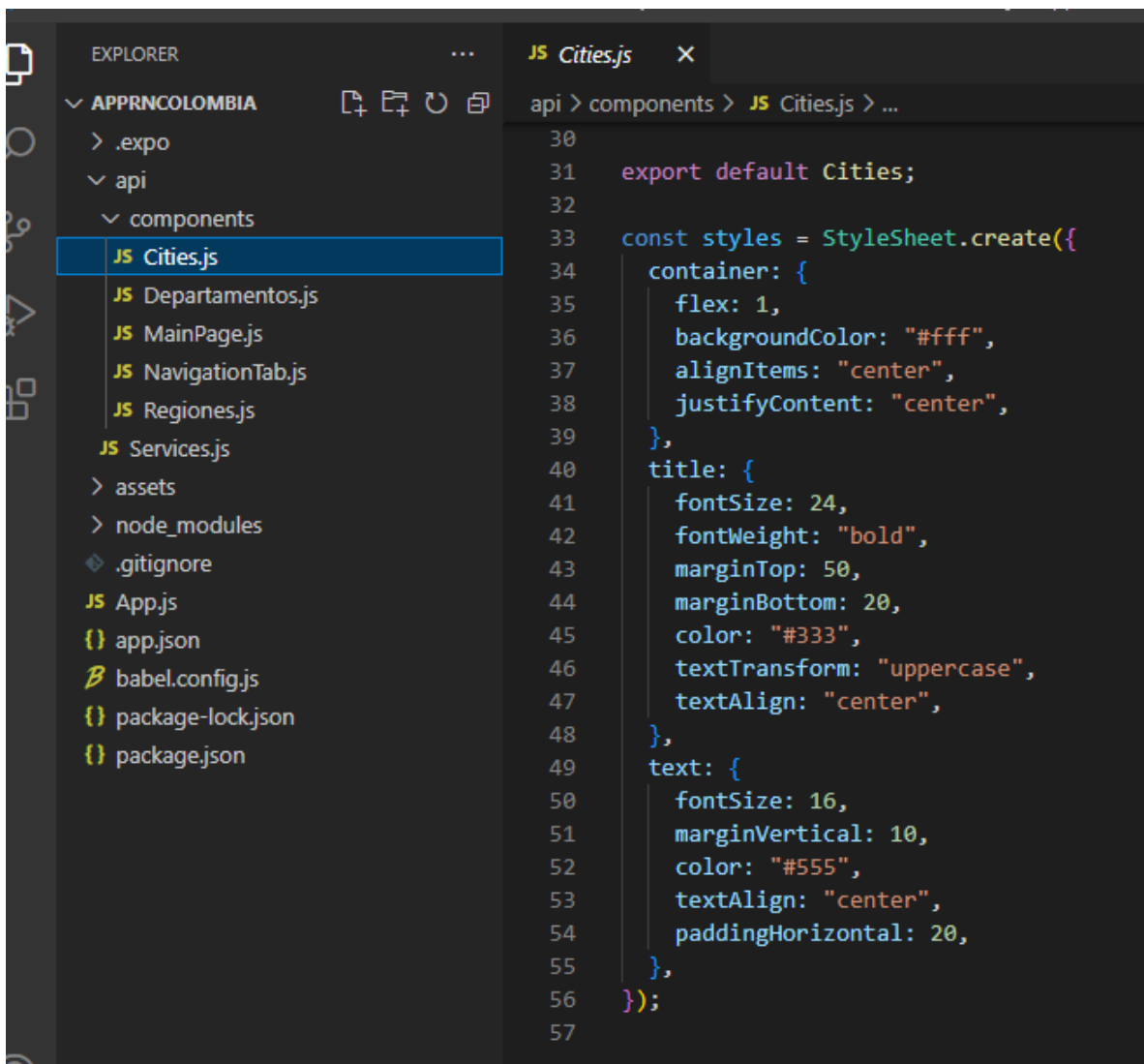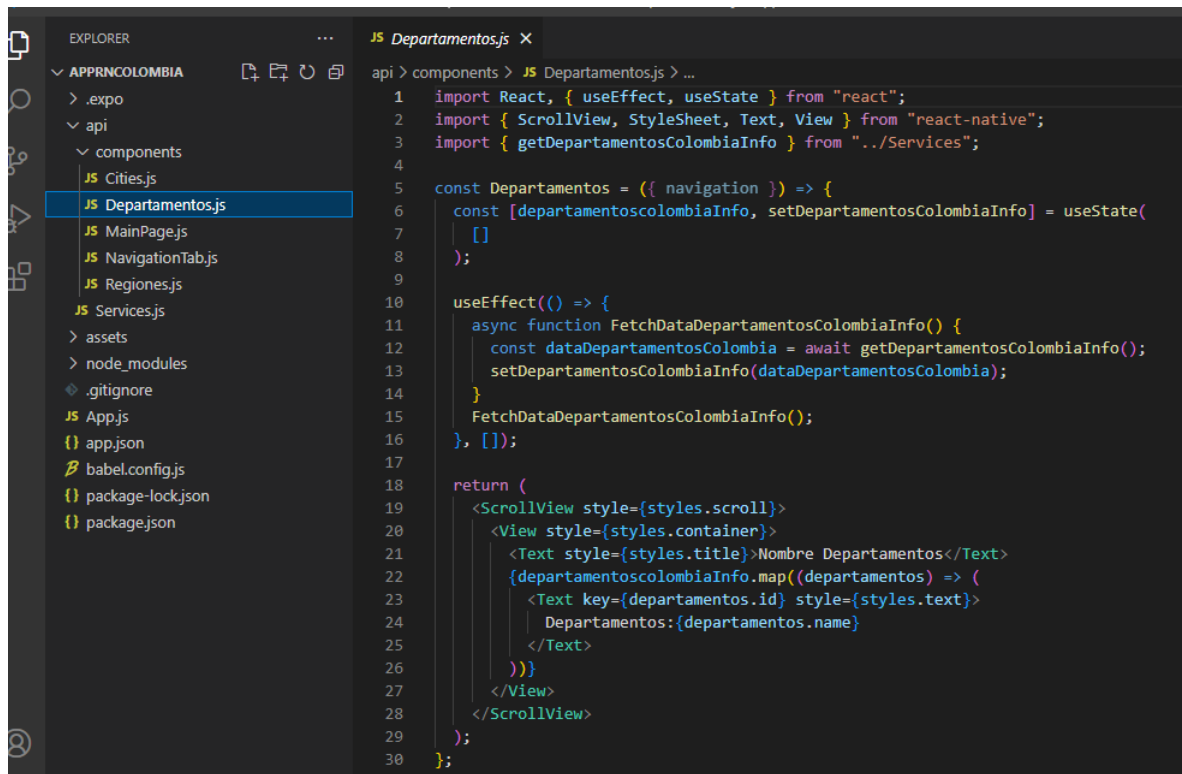
api > components > JS Cities.js > ...

```javascript
 1  import React, { useEffect, useState } from "react";
 2  import { StyleSheet, Text, View } from "react-native";
 3  import { getCitiesColombiaInfo } from "../Services";
 4  import { ScrollView } from "react-native";
 5
 6  const Cities = ({ navigation }) => {
 7    const [citiesColombia, setCitiesColombia] = useState([]);
 8
 9    useEffect(() => {
10      async function FetchDataCitiesColombiaInfo() {
11        const dataCitiesColombia = await getCitiesColombiaInfo();
12        setCitiesColombia(dataCitiesColombia);
13      }
14      FetchDataCitiesColombiaInfo();
15    }, []);
16
17    return (
18      <ScrollView>
19        <View style={styles.container}>
20          <Text style={styles.title}>Ciudades colombia</Text>
21          {citiesColombia.map((cities) => (
22            <Text key={cities.id} style={styles.text}>
23              {`id: ${cities.id} Ciudades: ${cities.name}`}
24            </Text>
25          ))}
26        </View>
27      </ScrollView>
28    );
29  };
```

EXPLORER   ···

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JS Cities.js ✕

api > components > JS Cities.js > ...

```javascript
30
31    export default Cities;
32
33    const styles = StyleSheet.create({
34      container: {
35        flex: 1,
36        backgroundColor: "#fff",
37        alignItems: "center",
38        justifyContent: "center",
39      },
40      title: {
41        fontSize: 24,
42        fontWeight: "bold",
43        marginTop: 50,
44        marginBottom: 20,
45        color: "#333",
46        textTransform: "uppercase",
47        textAlign: "center",
48      },
49      text: {
50        fontSize: 16,
51        marginVertical: 10,
52        color: "#555",
53        textAlign: "center",
54        paddingHorizontal: 20,
55      },
56    });
57
```

```
JS Departamentos.js ×

api > components > JS Departamentos.js > ...
  1  import React, { useEffect, useState } from "react";
  2  import { ScrollView, StyleSheet, Text, View } from "react-native";
  3  import { getDepartamentosColombiaInfo } from "../Services";
  4
  5  const Departamentos = ({ navigation }) => {
  6    const [departamentoscolombiaInfo, setDepartamentosColombiaInfo] = useState(
  7      []
  8    );
  9
 10    useEffect(() => {
 11      async function FetchDataDepartamentosColombiaInfo() {
 12        const dataDepartamentosColombia = await getDepartamentosColombiaInfo();
 13        setDepartamentosColombiaInfo(dataDepartamentosColombia);
 14      }
 15      FetchDataDepartamentosColombiaInfo();
 16    }, []);
 17
 18    return (
 19      <ScrollView style={styles.scroll}>
 20        <View style={styles.container}>
 21          <Text style={styles.title}>Nombre Departamentos</Text>
 22          {departamentoscolombiaInfo.map((departamentos) => (
 23            <Text key={departamentos.id} style={styles.text}>
 24              Departamentos:{departamentos.name}
 25            </Text>
 26          ))}
 27        </View>
 28      </ScrollView>
 29    );
 30  };
```

APPRNCOLOMBIA
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  - components
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    - Departamentos.js
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    - NavigationTab.js
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- > assets
- > node_modules
- .gitignore
- JS App.js
- {} app.json
- babel.config.js
- {} package-lock.json
- {} package.json

> OUTLINE

```javascript
32    export default Departamentos;
33
34    const styles = StyleSheet.create({
35      scroll: {
36        flex: 1,
37        backgroundColor: "#fff",
38      },
39      container: {
40        flex: 1,
41        backgroundColor: "#fff",
42        alignItems: "center",
43        justifyContent: "center",
44      },
45      title: {
46        fontSize: 24,
47        fontWeight: "bold",
48        marginTop: 50,
49        marginBottom: 20,
50        color: "#333",
51        textTransform: "uppercase",
52        textAlign: "center",
53      },
54      text: {
55        fontSize: 16,
56        marginVertical: 10,
57        color: "#555",
58        textAlign: "center",
59        paddingHorizontal: 20,
60      },
61    });
62
```

```js
1  import React, { useEffect, useState } from "react";
2  import { ScrollView, StyleSheet, Text, View } from "react-native";
3  import { getColombiaInfo } from "../Services";
4
5  const MainPage = () => {
6    const [colombiaInfo, setColombiaInfo] = useState({});
7
8    useEffect(() => {
9      async function FetchDataColombiaInfo() {
10       const dataColombia = await getColombiaInfo();
11       setColombiaInfo(dataColombia);
12     }
13     FetchDataColombiaInfo();
14   }, []);
15   return (
16     <ScrollView>
17       <View style={styles.container}>
18         <Text style={styles.title}>
19           Acerca de:{colombiaInfo.name}
20         </Text>
21         <Text style={styles.text}>Regiones:{colombiaInfo.name}</Text>
22         <Text style={styles.text}>Descripción:{colombiaInfo.description}</Text>
23         <Text style={styles.text}>Capital:{colombiaInfo.stateCapital}</Text>
24         <Text style={styles.text}>Superficie:{colombiaInfo.surface}</Text>
25         <Text style={styles.text}>Población:{colombiaInfo.population}</Text>
26       </View>
27     </ScrollView>
28   );
29 };
30
31 export default MainPage;
```

```js
31   export default MainPage;
32
33   const styles = StyleSheet.create({
34     container: {
35       flex: 1,
36       backgroundColor: "#fff",
37       alignItems: "center",
38       justifyContent: "center",
39       paddingHorizontal: 10,
40       margin: 30,
41     },
42     title: {
43       fontSize: 24,
44       fontWeight: "bold",
45       marginTop: 20,
46       marginBottom: 20,
47       textAlign: "center",
48       borderRadius: 30,
49     },
50     text: {
51       fontSize: 18,
52       marginVertical: 10,
53       textAlign: "center",
54     },
55   });
56
```

```javascript
import React from "react";
import Ionic from "react-native-vector-icons/Ionicons";
import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
import Regiones from "./Regiones";
import MainPage from "./MainPage";
import Departamentos from "./Departamentos";
import Cities from "./Cities";

const NavigationTab = () => {
  const Tab = createBottomTabNavigator();
  return (
    <Tab.Navigator
      screenOptions={({ route }) => ({
        tabBarIcon: ({ focused, color, size }) => {
          let iconName;

          if (route.name === "Main") {
            iconName = focused ? "earth" : "earth-outline";
            size = focused ? size + 8 : size + 5;
          }
          if (route.name === "Departamentos") {
            iconName = focused ? "create" : "create-outline";
            size = focused ? size + 8 : size + 5;
          }
          if (route.name === "Ciudades") {
            iconName = focused ? "book" : "book-outline";
            size = focused ? size + 8 : size + 5;
          }
          else if (route.name === "Regiones") {
            iconName = focused ? "ios-list" : "ios-list-outline";
            size = focused ? size + 8 : size + 5;
          }
          return <Ionic name={iconName} size={size} color={color} />;
        },
        tabBarActiveTintColor: "#8f8f8a",
        tabBarInactiveTintColor: "gray",
        tabBarShowLabel: false,
        style: {
          backgroundColor: "#8f8f8a",
          heigth: 60,
        },
      })}
    >

      <Tab.Screen
        name="Main"
        component={MainPage}
        options={{
          title: "Información Colombia",
          headerStyle: {
            backgroundColor: "#8f8f8a",
          },
          headerTintColor: "#fff",
          headerTitleStyle: {
            flex: 1,
            fontWeight: "bold",
            marginLeft: 50,
            fontSize: 25,
            alignContent: "center",
            justifyContent: "center",
          },
        }}
```

```
.expo                          63    <Tab.Screen
api                            64      name="Regiones"
components                     65      component={Regiones}
  JS Cities.js                 66      options={{
  JS Departamentos.js          67        title: "REGIONES",
  JS MainPage.js               68        headerStyle: {
  JS NavigationTab.js          69          backgroundColor: "#8f8f8a",
  JS Regiones.js               70        },
JS Services.js                 71        headerTintColor: "#fff",
assets                         72        headerTitleStyle: {
node_modules                   73          flex: 1,
.gitignore                     74          fontWeight: "bold",
App.js                         75          marginLeft: 120,
app.json                       76          fontSize: 30,
babel.config.js                77          alignContent: "center",
package-lock.json              78          justifyContent: "center",
package.json                   79        },
                               80      }}
                               81    />
                               82    <Tab.Screen
                               83      name="Departamentos"
                               84      component={Departamentos}
                               85      options={{
                               86        title: "DEPARTAMENTOS",
                               87        headerStyle: {
                               88          backgroundColor: "#8f8f8a",
                               89        },
                               90        headerTintColor: "#fff",
                               91        headerTitleStyle: {
OUTLINE                        92          flex: 1,
                               93          fontWeight: "bold",
TIMELINE                       94          marginLeft: 55,
```

```
                                    fontSize: 30,
 95                                 alignContent: "center",
 96                                 justifyContent: "center",
 97                             },
 98                         }}
 99                     />
100                     <Tab.Screen
101                       name="Ciudades"
102                       component={Cities}
103                       options={{
104                         title: "CIUDADES",
105                         headerStyle: {
106                           backgroundColor: "#8f8f8a",
107                         },
108                         headerTintColor: "#fff",
109                         headerTitleStyle: {
110                           flex: 1,
111                           fontWeight: "bold",
112                           marginLeft: 120,
113                           fontSize: 30,
114                           alignContent: "center",
115                           justifyContent: "center",
116                         },
117                       }}
118                     />
119                 </Tab.Navigator>
120             );
121         };
122
123         export default NavigationTab;
124
125
```

api > components > JS Regiones.js > ...
```
 1  import React, { useEffect, useState } from "react";
 2  import { StyleSheet, Text, View } from "react-native";
 3  import { getRegionesColombiaInfo } from "../Services";
 4
 5
 6  const Regiones = ({ navigation }) => {
 7    const [regionescolombiaInfo, setRegionesColombiaInfo] = useState([]);
 8
 9
10    useEffect(() => {
11      async function FetchDataRegionesColombiaInfo() {
12        const dataRegionesColombia = await getRegionesColombiaInfo();
13        setRegionesColombiaInfo(dataRegionesColombia);
14      }
15      FetchDataRegionesColombiaInfo();
16    }, []);
17
18    return (
19      <View style={styles.container}>
20        <Text style={styles.title}>Regiones colombia</Text>
21        {regionescolombiaInfo.map((regiones) => (
22          <Text key={regiones.id} style={styles.text}>Regiones:{regiones.name}</Text>
23        ))}
24      </View>
25    );
26  };
```

```js
27
28      export default Regiones;
29
30      const styles = StyleSheet.create({
31        container: {
32          flex: 1,
33          backgroundColor: "#fff",
34          alignItems: "center",
35          justifyContent: "center",
36        },
37        title: {
38          fontSize: 20,
39          fontWeight: "bold",
40          marginVertical: 10,
41        },
42      });
43
```

```js
1    import axios from "axios";
2
3    const URL ="https://api-colombia.com/api/v1";
4
5
6    export const getColombiaInfo = async () =>{
7        const response = await axios.get(`${URL}/Country/Colombia`);
8        return response.data
9      }
10
11     export const getRegionesColombiaInfo = async () =>{
12       const response = await axios.get(`${URL}/Region`);
13       return response.data
14   }
15
16     export const getDepartamentosColombiaInfo = async () =>{
17       const response = await axios.get(`${URL}/Department`);
18       return response.data
19   }
20     export const getCitiesColombiaInfo = async () =>{
21       const response = await axios.get(`${URL}/City`);
22       return response.data
23   }
24
```