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MainPage.js - app-colombia - Visual Studio Code

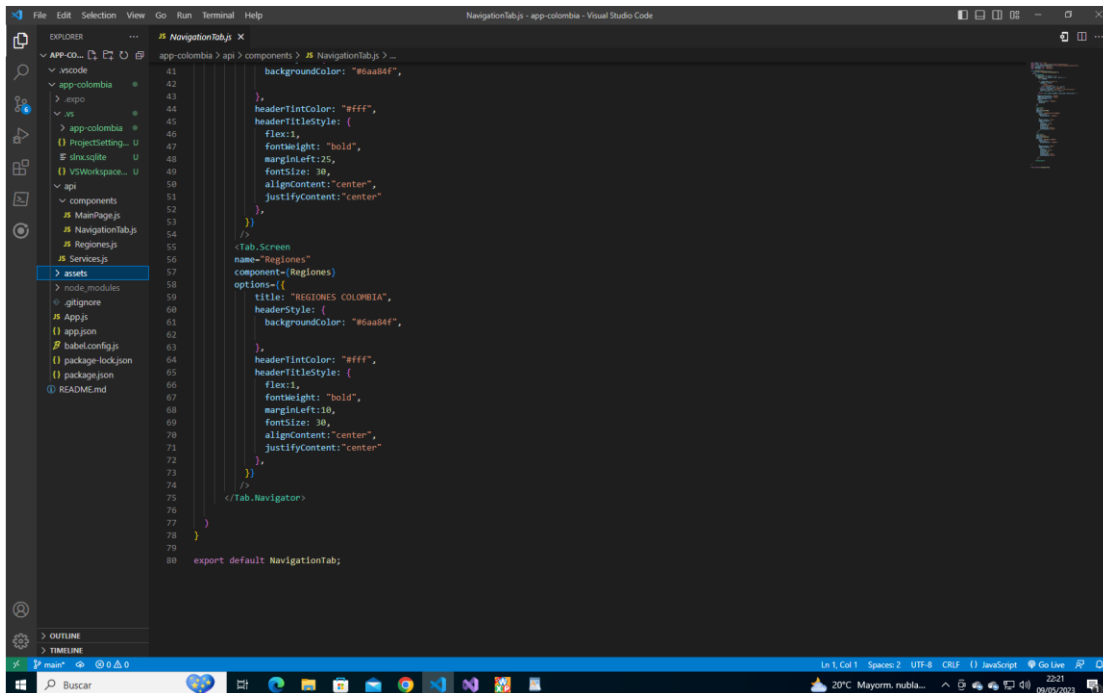
EXPLORER
  app-colombia
    .vscode
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    app-colombia
      ProjectSettings.json
      src.sqlite
      VSWorkspaceState.json
    .api
    components
      MainPage.js
      NavigationTabs.js
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    package.json
    README.md

MainPage.js
1 import React, { useEffect, useState } from 'react';
2 import { StyleSheet, Text, View } from 'react-native';
3 import { getColombiaInfo } from '../Services';
4 import { Icon } from 'react-native-elements';
5 import axios from 'axios';
6
7 const MainPage = () => {
8   const [colombiaInfo, setColombiaInfo] = useState({});
9
10   useEffect(() => {
11     const getColombiaInfo = () => {
12       const url = "https://api-colombia.com/api/v1/country/colombia";
13       axios.get(url).then((res) => {
14         setColombiaInfo(res.data);
15       });
16     };
17     getColombiaInfo();
18   }, []);
19   return (
20     <View style={styles.container}>
21       <Text style={styles.title}>
22         Información acerca de: {colombiaInfo.name}
23       </Text>
24       <Text style={styles.text}>Regiones: {colombiaInfo.name}</Text>
25       <Text style={styles.text}>Descripción: {colombiaInfo.description}</Text>
26       <Text style={styles.text}>Capital: {colombiaInfo.stateCapital}</Text>
27       <Text style={styles.text}>Superficie: {colombiaInfo.surface}</Text>
28       <Text style={styles.text}>Población: {colombiaInfo.population}</Text>
29     </View>
30   );
31 };
32
33 export default MainPage;
34
35 const styles = StyleSheet.create({
36   container: {
37     flex: 1,
38     backgroundColor: "#fff",
39     alignItems: "center",
40     justifyContent: "center",
41   },
42   title: {
43     fontSize: 20,
44     fontWeight: "bold",
45     marginVertical: 10,
46   },
47 });
```

```
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NavigationTabs.js - app-colombia - Visual Studio Code

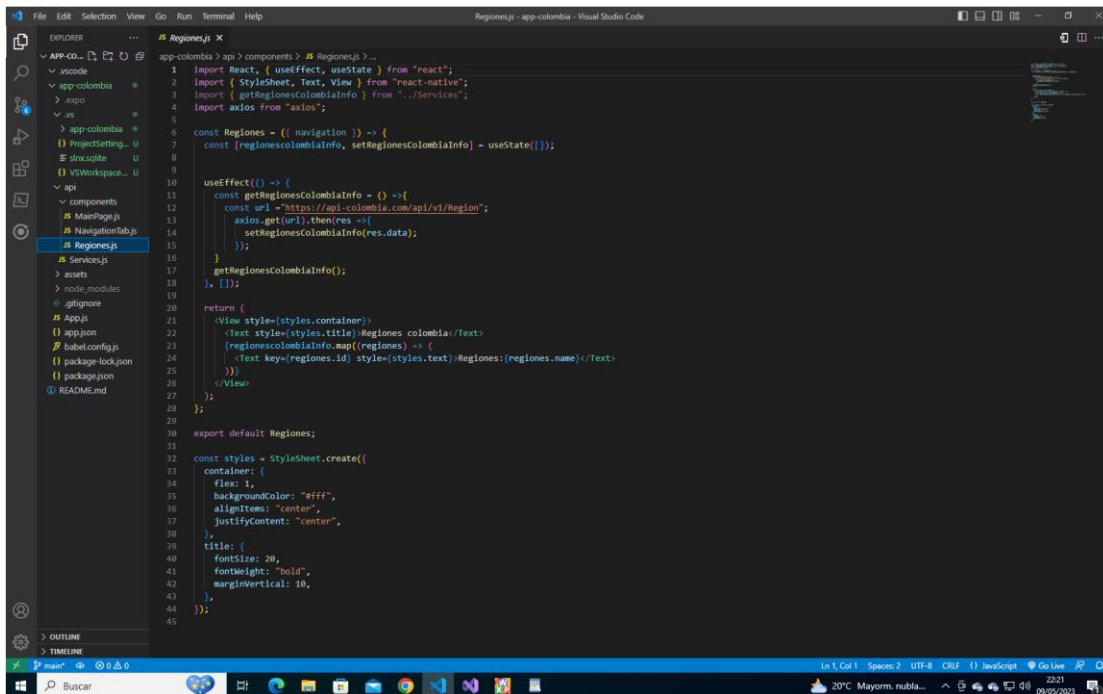
EXPLORER
  app-colombia
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    app-colombia
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NavigationTabs.js
1 import React from 'react';
2 import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
3 import { createNativeStackNavigator } from '@react-navigation/native-stack';
4 import { getColombiaInfo } from '../Services';
5 import { Icon } from 'react-native-elements';
6
7 const NavigationTab = () => {
8   const Tab = createBottomTabNavigator();
9   return (
10     <Tab.Navigator
11       screenOptions={({ route }) => ({
12         tabBarIcon: ({ focused, color, size }) => {
13           let iconName;
14
15           if (route.name === 'Main') {
16             iconName = focused
17               ? 'create-outline'
18               : 'create';
19             size = focused ? size + 8 : size + 5;
20           } else if (route.name === 'Regiones') {
21             iconName = focused ? 'ios-list' : 'ios-list-outline';
22             size = focused ? size + 8 : size + 5;
23           }
24           return <Icon name={iconName} size={size} color={color} />;
25         },
26         tabBarActiveTintColor: "#6aa84f",
27         tabBarInactiveTintColor: "gray",
28         tabBarShowLabel: false,
29       })
30       style={{
31         backgroundColor: "#6aa84f",
32         height: 50
33       }}
34     >
35       <Tab.Screen
36         name="Main"
37         component={MainPage}
38         options={{
39           title: "INFORMACIÓN DE COLOMBIA",
40           headerStyle: {
41             backgroundColor: "#6aa84f",
42           },
43           headerTintColor: "#fff",
44           headerTitleStyle: {
45             flex: 1,
46             fontWeight: "bold",
47           },
48         }}
49       </Tab.Screen>
50     </Tab.Navigator>
51   );
52 };
```



The screenshot shows the Visual Studio Code editor with the file `NavigationTab.js` open. The Explorer sidebar on the left shows the project structure, with `NavigationTab.js` selected under the `components` folder. The code in the editor defines a `NavigationTab` component that uses `Tab.Navigator` and `Tab.Screen` to display a screen named "Regiones". The screen's header and title are styled with a white background, bold font, and centered text. The screen content is a `Text` component with the text "Regiones Colombia".

```
41      backgroundColor: "#eaeaf4",
42    },
43  },
44  headerTintColor: "#fff",
45  headerTitleStyle: {
46    flex: 1,
47    fontWeight: "bold",
48    marginLeft: 25,
49    fontSize: 30,
50    alignContent: "center",
51    justifyContent: "center"
52  },
53  },
54  </Tab.Navigator>
55  </Tab.Screen>
56  name="Regiones"
57  component={Regiones}
58  options={{
59    title: "REGIONES COLOMBIA",
60    headerStyle: {
61      backgroundColor: "#eaeaf4",
62    },
63    headerTintColor: "#fff",
64    headerTitleStyle: {
65      flex: 1,
66      fontWeight: "bold",
67      marginLeft: 10,
68      fontSize: 30,
69      alignContent: "center",
70      justifyContent: "center"
71    },
72  },
73  },
74  </Tab.Navigator>
75  }
76  }
77  }
78  }
79  }
80  export default NavigationTab;
```



The screenshot shows the Visual Studio Code editor with the file `Regiones.js` open. The Explorer sidebar on the left shows the project structure, with `Regiones.js` selected under the `components` folder. The code in the editor defines a `Regiones` component that uses `useEffect` to fetch data from an API. The component's render method returns a `View` with a `Text` component displaying the fetched data. The component is styled with a white background, bold font, and centered text.

```
1  import React, { useEffect, useState } from "react";
2  import { StyleSheet, Text, View } from "react-native";
3  import { getRegionesColombiaInfo } from "../Services";
4  import axios from "axios";
5
6  const Regiones = ({ navigation }) => {
7    const [regionesColombiaInfo, setRegionesColombiaInfo] = useState([]);
8
9    useEffect(() => {
10      const getRegionesColombiaInfo = () => {
11        const url = "https://api-columbia.com/api/v1/Region";
12        axios.get(url).then(res => {
13          setRegionesColombiaInfo(res.data);
14        });
15      };
16      getRegionesColombiaInfo();
17    }, []);
18
19    return (
20      <View style={styles.container}>
21        <Text style={styles.title}>Regiones colombia</Text>
22        <Text style={styles.info}>{regionesColombiaInfo.map((regiones) => {
23          <Text key={regiones.id} style={styles.text}>Regiones: {regiones.name}</Text>
24        })}</Text>
25      </View>
26    );
27  };
28
29  export default Regiones;
30
31  const styles = StyleSheet.create({
32    container: {
33      flex: 1,
34      backgroundColor: "#fff",
35      alignItems: "center",
36      justifyContent: "center",
37    },
38    title: {
39      fontSize: 20,
40      fontWeight: "bold",
41      marginVertical: 10,
42    },
43  });
44
45  </View>
```

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Services.js - app-colombia - Visual Studio Code

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  v app-colombia
    > expo
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      E srcAssets U
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        v api
          MainPage.js
          NavigatorTab.js
          Regions.js
          Services.js
        > assets
        > node_modules
        .gitignore
      JS App.js
      ( app.json
      babel.config.js
      ( package-lock.json
      ( package.json
      ( README.md

Services.js
1 app-colombia > api > . Services.js > ...
2 import axios from "axios";
3 const URL = "https://api-colombia.com/api/v1";
4
5
6
7
8 export const getRegionesColombiaIDInfo = (id) =>{
9   let response = "";
10  axios.get(`${URL}/country/Region/${id}`).then(res =>{
11    response = res.data;
12  });
13  return response;
14 }
```

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