

Objetivo

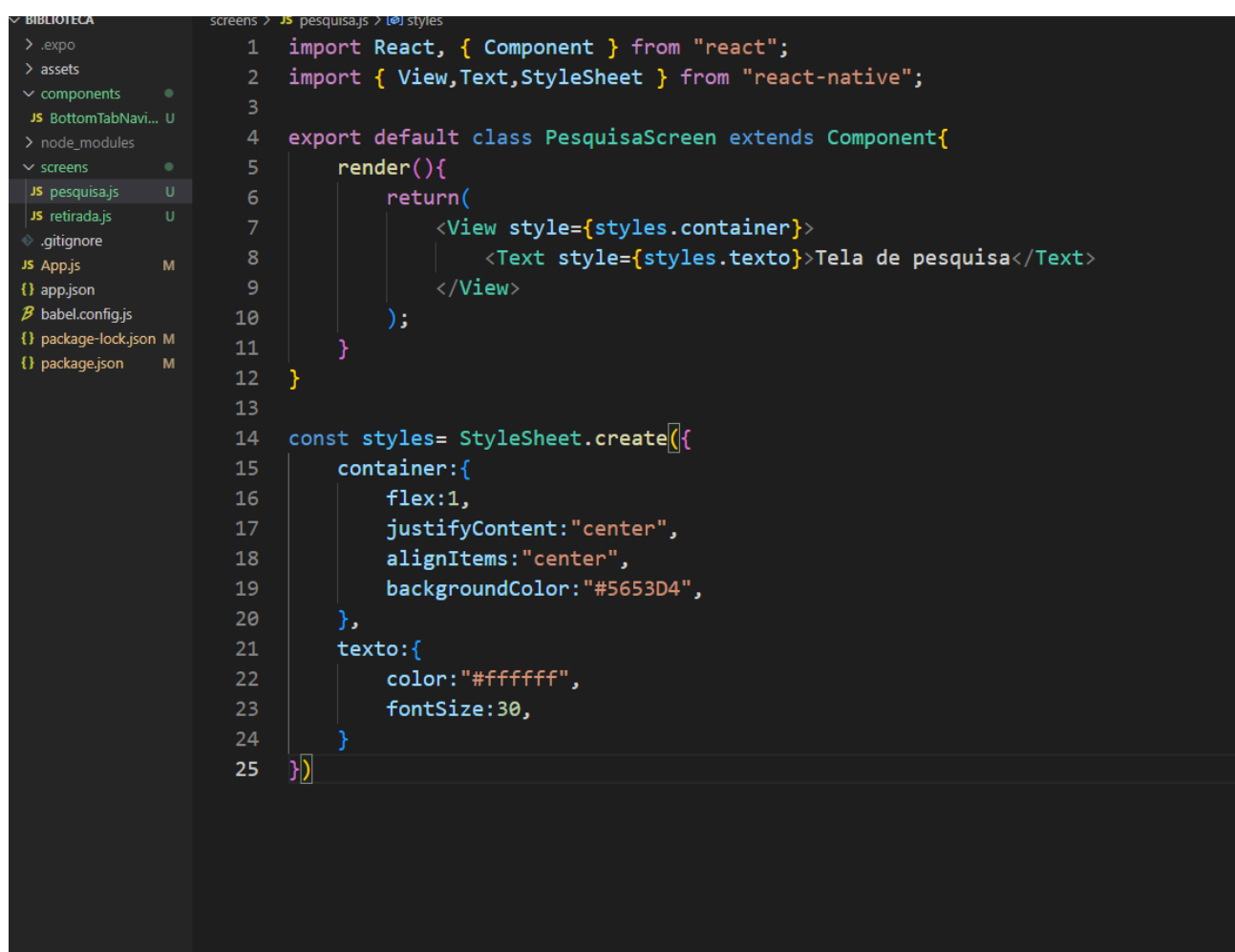
Criar um sistema de gerenciamento de bibliotecas simples e inovador para uma escola.

Recursos do aplicativo:

- efetuar retirada de livros;
- efetuar devolução de livros;
- pesquisar sobre a disponibilidade de livros;
- pesquisar sobre os livros retirados por um determinado aluno.

Nosso aplicativo possuirá duas telas, alternaremos entre as duas telas por meio de um botão, crie uma pasta chamada screens e dentro dela dois arquivos, pesquisa.js e retirada.js.

Códigos das telas.



```
1 import React, { Component } from "react";
2 import { View, Text, StyleSheet } from "react-native";
3
4 export default class PesquisaScreen extends Component{
5   render(){
6     return(
7       <View style={styles.container}>
8         <Text style={styles.texto}>Tela de pesquisa</Text>
9       </View>
10     );
11   }
12 }
13
14 const styles= StyleSheet.create({
15   container:{
16     flex:1,
17     justifyContent:"center",
18     alignItems:"center",
19     backgroundColor:"#5653D4",
20   },
21   texto:{
22     color:"#ffffff",
23     fontSize:30,
24   }
25 })
```

Repita o código acima para a tela de retirada

Instalações necessárias

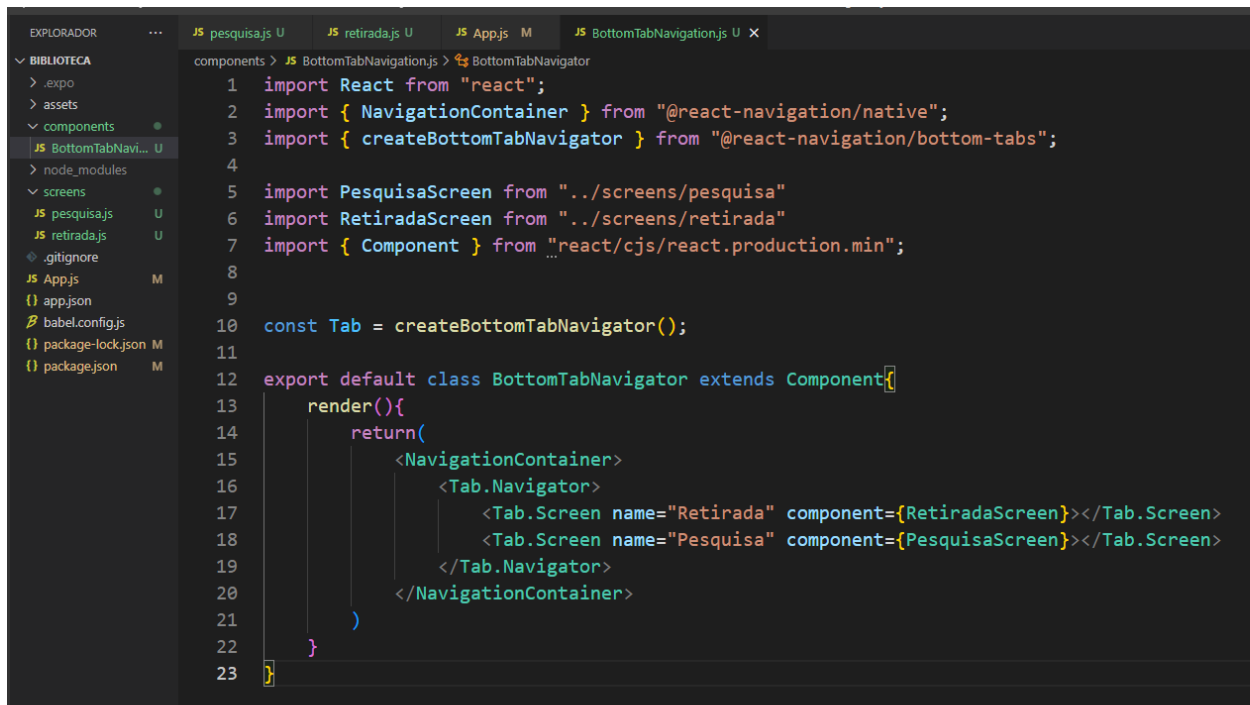
npm install @react-navigation/bottom-tabs

npm install react-native-screens

npm install react-native-gesture-handler

npm install @react-navigation/native

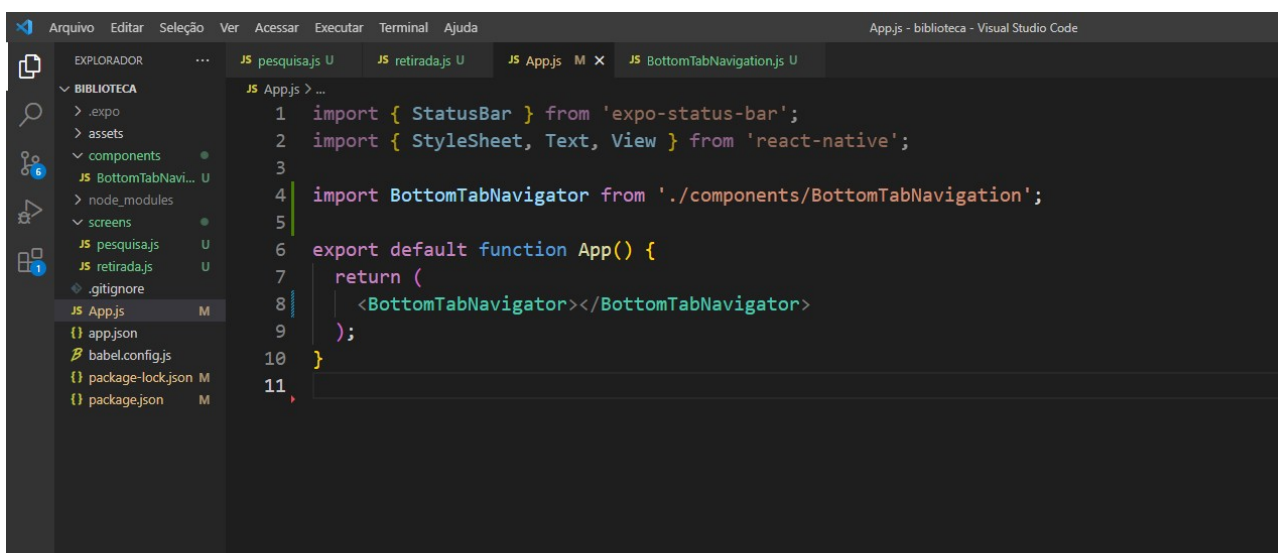
Necessário criar uma pasta chamada components e dentro dela um arquivo chamado BottomTabNavigator.js



The screenshot shows a VS Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like .expo, assets, components, node_modules, and screens. The components folder is expanded, showing BottomTabNavigator.js. The code editor shows the content of BottomTabNavigator.js, which is a class component that extends Component and renders a NavigationContainer with a Tab.Navigator containing two Tab.Screen components: Retirada and Pesquisa.

```
1 import React from "react";
2 import { NavigationContainer } from "@react-navigation/native";
3 import { createBottomTabNavigator } from "@react-navigation/bottom-tabs";
4
5 import PesquisaScreen from "../screens/pesquisa"
6 import RetiradaScreen from "../screens/retirada"
7 import { Component } from "react/cjs/react.production.min";
8
9
10 const Tab = createBottomTabNavigator();
11
12 export default class BottomTabNavigator extends Component {
13   render() {
14     return (
15       <NavigationContainer>
16         <Tab.Navigator>
17           <Tab.Screen name="Retirada" component={RetiradaScreen}></Tab.Screen>
18           <Tab.Screen name="Pesquisa" component={PesquisaScreen}></Tab.Screen>
19         </Tab.Navigator>
20       </NavigationContainer>
21     );
22   }
23 }
```

programação do App.js



The screenshot shows a VS Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like .expo, assets, components, node_modules, and screens. The components folder is expanded, showing BottomTabNavigator.js. The code editor shows the content of App.js, which is a function component that imports BottomTabNavigator from ./components/BottomTabNavigator and renders it.

```
1 import { StatusBar } from 'expo-status-bar';
2 import { StyleSheet, Text, View } from 'react-native';
3
4 import BottomTabNavigator from './components/BottomTabNavigator';
5
6 export default function App() {
7   return (
8     <BottomTabNavigator></BottomTabNavigator>
9   );
10 }
11
```