

Universidad Don Bosco

**Integrantes:**

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Carnet:

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Docente.

Karens Medrano

Asignatura:

Diseño y Programación de Software
Multiplataforma - DPS441

Carrera:

Técnico en Ingeniería en Computación.

Actividad:

DESAFIO 02 – 50% de Ejercicios

Fecha de entrega:

Viernes 12/04/24 – 8:59am

Link de github:

<https://github.com/marvin0martinez/desafio2.git>

Ejercicio 1:

12:47 a. m.   



Inicio

Inicio de sesión

Iniciar sesión

[¿No tienes cuenta? Regístrate aquí](#)



← Registro

Registro

Registrarse



12:48 a. m.



← Registro

Registro

Marvinmartinez

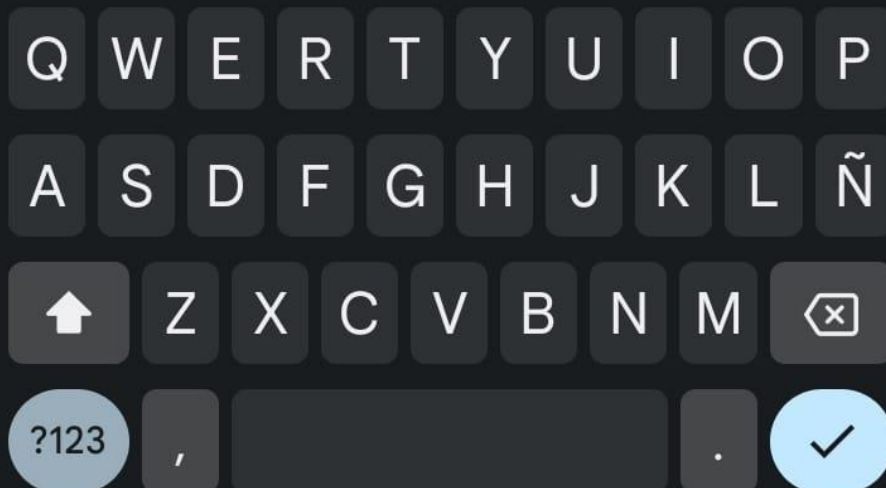
Marvin.martinez@gmail.com

Contraseña

Confirmar contraseña

Las sugerencias de Autocompletar ahora se muestran sobre el teclado

Contraseñas



12:48 a. m.



Registro

Registro

Marvinmartinez

Marvin.martinez@gmail.com

Alert

Registro exitoso

OK

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l ñ

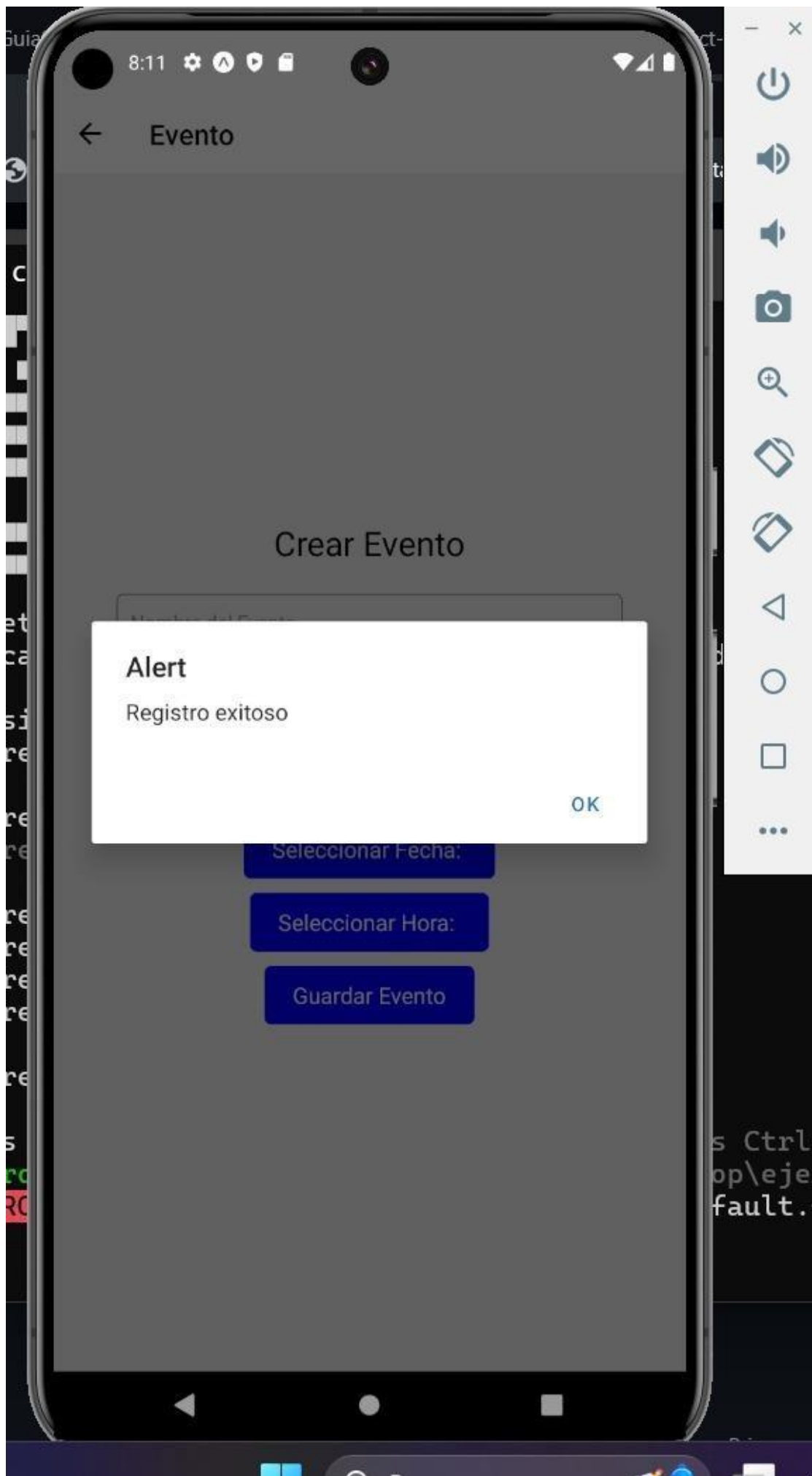
⬆ z x c v b n m ⬇

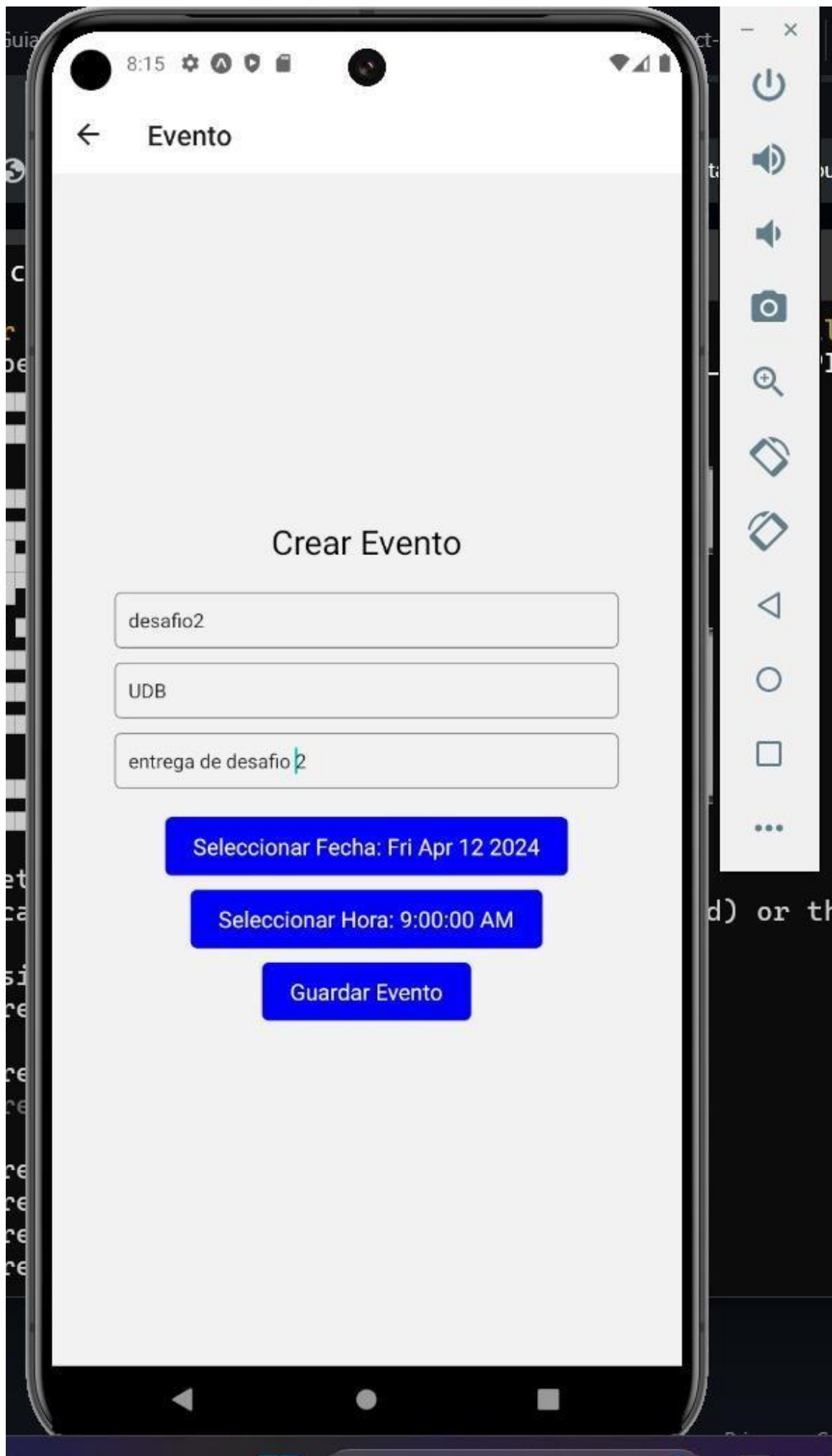
?123

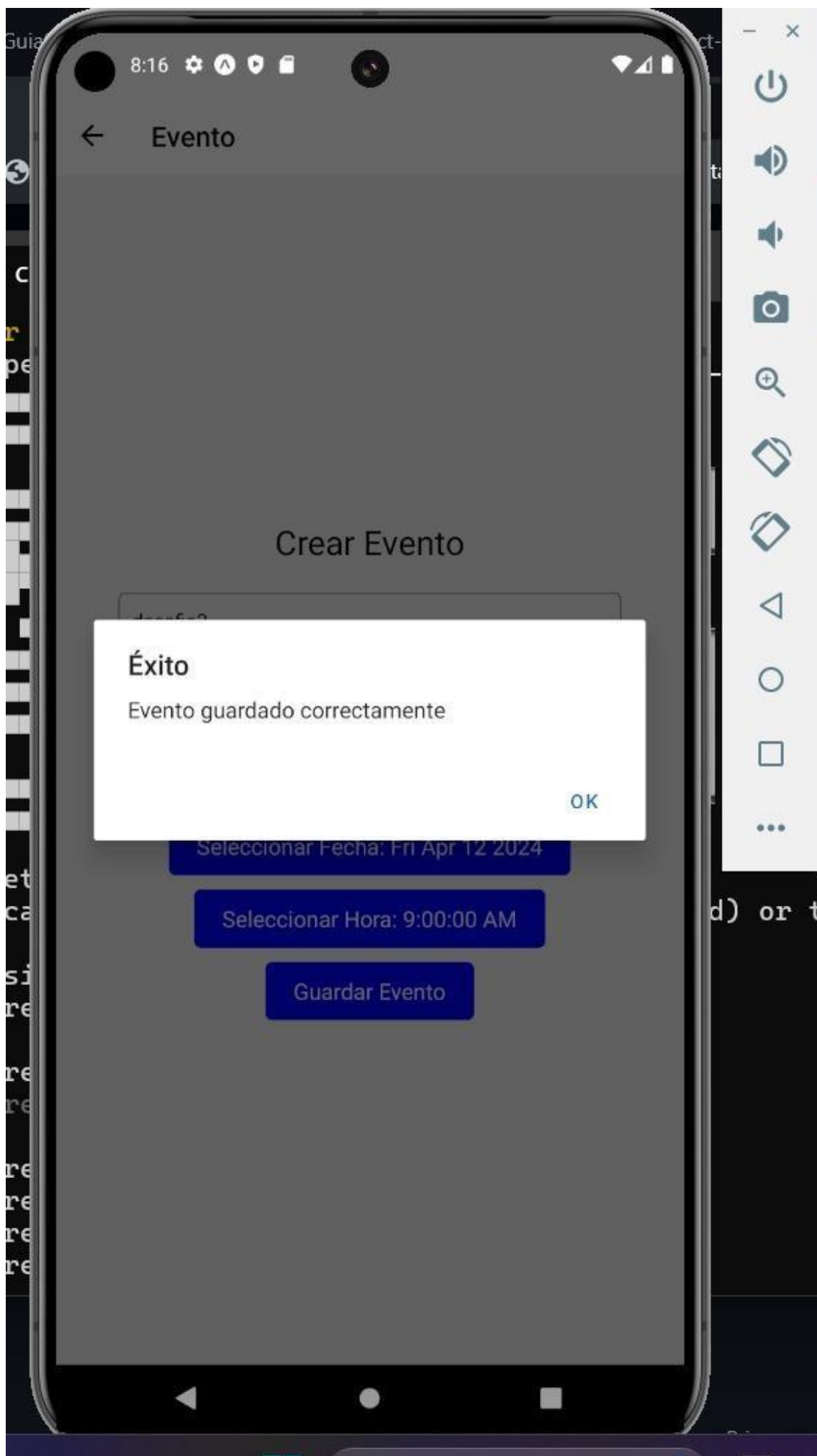
,

.









Ejercicio 2:

```
File Edit Selection View Go Run Terminal Help ↻ SystemPlanets
```

```
EXPLORER
SYSTEMPLANETS
  .expo
  .vscode
  assets
  node_modules
  Screens
  DetailsPlanetajs
  DetailsSolarjs
  ListaPlanetajs
  ListaSolarjs
  Planetajs
  Solarjs
  Appjs
  app.json
  babel.config.js
  package-lock.json
  package.json
```

```
1 import {StyleSheet, Platform} from "react-native";
2 import {createBottomTabNavigator} from "react-navigation/bottom-tabs";
3 import {NavigationContainer} from "react-navigation/native";
4 import {Iconicoms, Fontisto} from "@expo/vector-icons";
5 import MaterialIcons from "react-native-vector-icons/MaterialIcons";
6 import Planetas from "../Screens/Planetas";
7 import Solar from "../Screens/Solar";
8
9 export default function App() {
10   const Tab = createBottomTabNavigator();
11   const TabNavigator = () => {
12     <Tab.Navigator
13       screenOptions={({ route }) => ({
14         tabBarInactiveTintColor: "#000000",
15         tabBarActiveTintColor: "#1c1c1c",
16         backgroundColor: "white",
17         tabBarActiveBackgroundColor: "rgb(163, 162, 162, 0.8)",
18         tabBarInactiveBackgroundColor: "rgb(153, 147, 147, 0.8)",
19         tabBarIcon: ({ focused, color, size }) => {
20           let iconName;
21           if (route.name === "Systems") {
22             iconName = focused ? "planet" : "planet-outline"; // Iconos para la ruta "Systems"
23             return (Iconicoms name=iconName size=size color=color) /;
24           } else if (route.name === "List") {
25             iconName = focused ? "sun" : "sun"; // Iconos para la ruta "Galaxy"
26             return (Fontisto name=iconName size=size color=color) /;
27           }
28         },
29       })
30     >
31     <Tab.Screen name="Systems" component={Planetas} />
32
33     <Tab.Screen name="List" component={Solar} />
34
35   </Tab.Navigator>
36 );
37 return (
38   <NavigationContainer>
39     <TabNavigator />
40   </NavigationContainer>
41 );
42
43 const styles = StyleSheet.create({
44   container: {
45     flex: 1,
46     justifyContent: "center",
47     backgroundColor: "red88b",
48     padding: 8,
49   },
50 });
```




```
File Edit Selection View Go Run Terminal Help
EXPLORER
SYSTEMSPLANETS
  > app.js
  > assets
  > node_modules
  > Screens
    JS ListPlanets.js
    JS DetailPlanets.js
    JS ListSolar.js
    JS Planets.js
    JS Solar.js
    JS App.js
  () app.json
  () babel.config.js
  () package-lock.json
  () package.json
  > TIMELINE
  @ 0.0 0.0 0.0

Screens > JS ListPlanets.js > @ ListPlanets
1 import React, { useState, useEffect } from "react";
2 import {
3   View,
4   Image,
5   Text,
6   TouchableOpacity,
7   FlatList,
8   StyleSheet,
9   Dimensions,
10  TextInput,
11  ImageBackground,
12 } from "react-native";
13 import { SearchBar } from "react-native-screens";
14
15 const windowWidth = Dimensions.get("window").width;
16 const img = {
17   uri: "https://diariohoy.net.myc3.cdn.digitaloceanspaces.com/adjuntos/galerias/800/533/0000533430.jpg",
18 };
19
20 const ListPlanets = ({ navigation }) => {
21   const [countries, setCountries] = useState([]);
22   const [search, setSearch] = useState("");
23
24   useEffect(() => {
25     fetchCountries();
26   }, []);
27
28   const fetchCountries = async () => {
29     try {
30       const response = await fetch(
31         "https://mocki.in/v1/62338b56-5182-4fa-88fe-ad72f41971c6"
32       );
33       const data = await response.json();
34       setCountries(data);
35     } catch (error) {
36       console.error("Error fetching countries:", error);
37     }
38   };
39
40   const renderItem = ({ item }) => {
41     <TouchableOpacity
42       style={styles.countryCard}
43       onPress={() => navigation.navigate("DetallePlanets", { country: item })}
44     >
45       <View style={styles.countryInfo}>
46         <Image source={{ uri: item.imagen }} style={styles.flagImage} />
47         <Text style={styles.countryName}>{item.nombre}</Text>
48       </View>
49     </TouchableOpacity>
50   };
51
52   const filteredCountries = countries.filter(country =>
53     country.nombre.toLowerCase().includes(search.toLowerCase())
54   );
55
56   return (
57     <View style={styles.container}>
58       <ImageBackground source={img} style={styles.image}>
59         <TextInput
60           style={styles.searchBar}
61           placeholder="Buscar Planeta..."
62           onChangeText={text => setSearch(text)}
63           value={search}
64         />
65         <FlatList
66           data={filteredCountries}
67           renderItem={renderItem}
68           keyExtractor={item => item.ID.toString()}
69           contentContainerStyle={styles.countryList}
70           numColumns={1}
71         />
72       </ImageBackground>
73     </View>
74   );
75
76   const styles = StyleSheet.create({
77     container: {
78       flex: 1,
79       backgroundColor: "#000000",
80     },
81     searchBar: {
82       flex: 1,
83     },
84     image: {
85       flex: 1,
86       resizeMode: "cover",
87       justifyContent: "center",
88     },
89     countryList: {
90       padding: 10,
91     },
92   });
93 }
```

```
File Edit Selection View Go Run Terminal Help
EXPLORER
SYSTEMSPLANETS
  > app.js
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  > node_modules
  > Screens
    JS ListPlanets.js
    JS DetailPlanets.js
    JS ListSolar.js
    JS Planets.js
    JS Solar.js
    JS App.js
  () app.json
  () babel.config.js
  () package-lock.json
  () package.json
  > TIMELINE
  @ 0.0 0.0 0.0

JS ListPlanets.js
20 const ListPlanets = ({ navigation }) => {
21   const renderItem = ({ item }) => {
22     <Image source={{ uri: item.imagen }} style={styles.flagImage} />
23     <Text style={styles.countryName}>{item.nombre}</Text>
24   </View>
25   </TouchableOpacity>
26 };
27
28 const filteredCountries = countries.filter(country =>
29   country.nombre.toLowerCase().includes(search.toLowerCase())
30 );
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63     justifyContent: "center",
64   },
65   countryList: {
66     padding: 10,
67   },
68 });
69 }
```

Systems

