

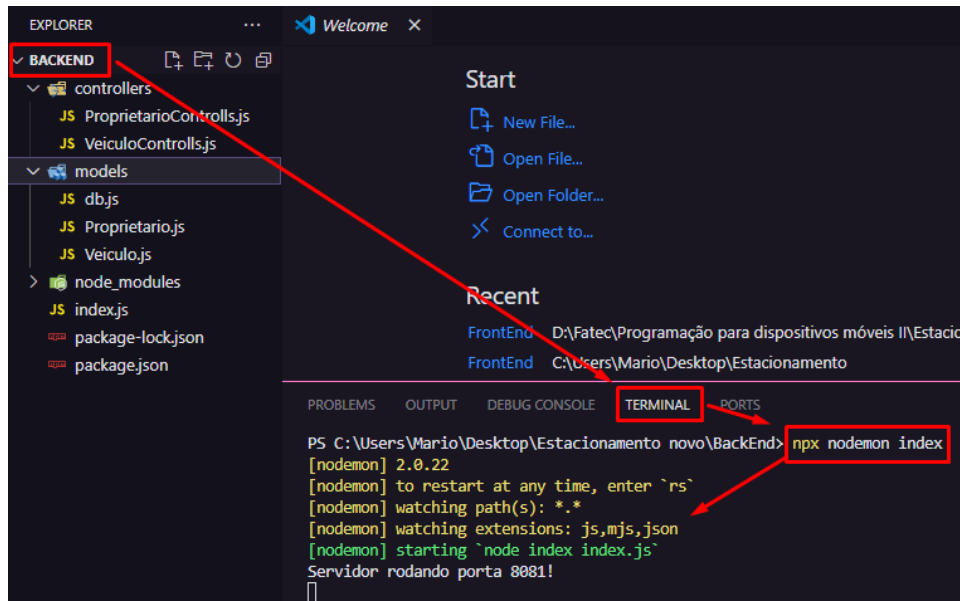
Professor Mário de Jesus



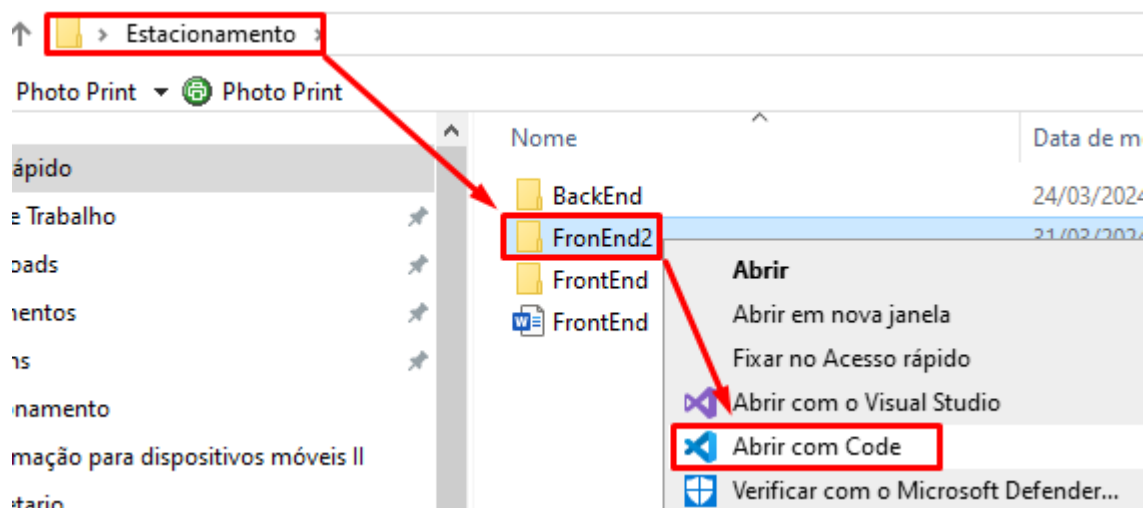
How to make API calls
in React Native Apps

Inicie seu servidor Back End

Antes de iniciarmos, **execute** sua **API back end** com o comando **npx nodemon index**

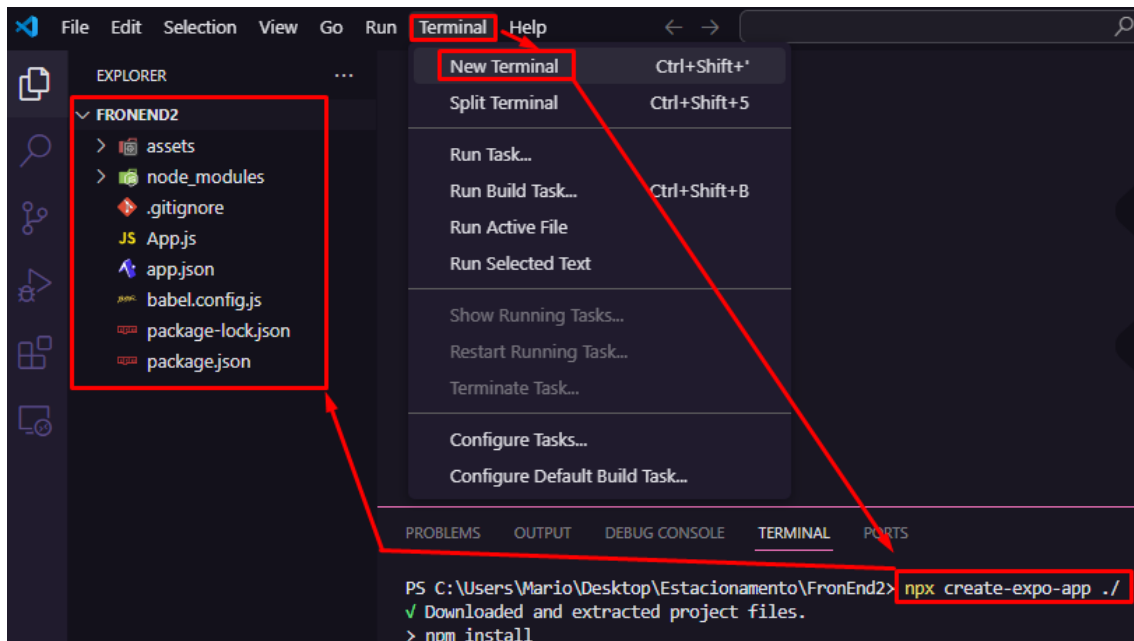


Crie a pasta **FrontEnd2** dentro da pasta **Estacionamento** e abra ela com o **Visual Studio Code**



Criando o projeto na pasta frontend.

Abra o terminal do vs code e digite **npx create-expo-app ./** para criar o projeto diretamente na pasta frontend.



Instalando as dependências do Projeto

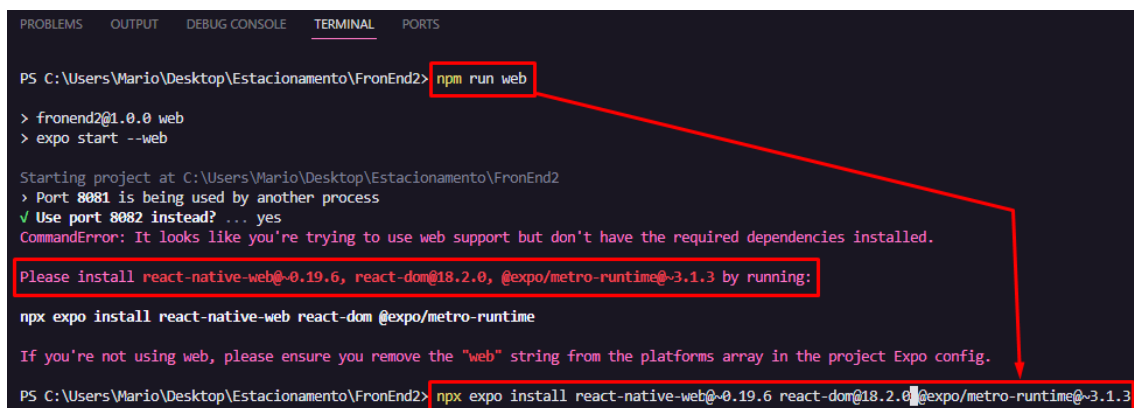
Depois de terminada a criação do projeto escreva

npm run web

Clique Y para ele rodar na porta 8082

Verifique as dependências necessárias para rodar o App na web e faça a instalação

npx expo install react-native-web@~0.19.6 react-dom@18.2.0 @expo/metro-runtime@~3.1.3



Instalando as dependências de navegação entre telas e utilização de API com AXIOS

Instale os pacotes necessários em seu projeto React Native:

npm install @react-navigation/native

```
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> npm install @react-navigation/native
added 13 packages, and audited 1188 packages in 11s

66 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> |
```

npx expo install react-native-screens react-native-safe-area-context

```
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> npx expo install react-native-screens react-native-safe-area-context
> Installing 2 SDK 50.0.0 compatible native modules using npm
> npm install

added 4 packages, and audited 1192 packages in 6s

66 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> |
```

npm install axios

```
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> npm install axios

added 4 packages, and audited 1196 packages in 5s

67 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamento\FronEnd2> |
```

npm install @react-navigation/stack

```
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> npm install @react-navigation/stack
added 13 packages, and audited 1209 packages in 18s

67 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> |
```

npm install react-native-elements --save

```
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> npm install react-native-elements --save
added 16 packages, and audited 1225 packages in 16s

67 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> |
```

npm install react-native-vector-icons --save

```
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> npm install react-native-vector-icons --save
up to date, audited 1225 packages in 3s

67 packages are looking for funding
  run `npm fund` for details

5 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamiento\FronEnd2> |
```

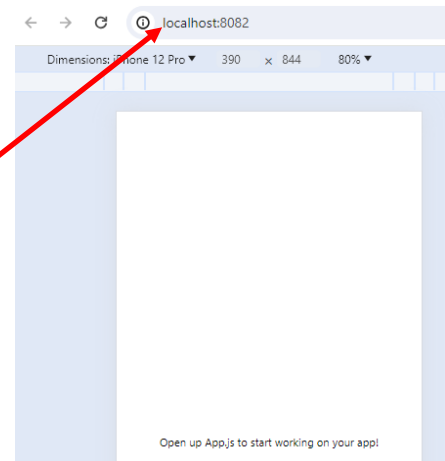
Rodando a aplicação

Rode a Aplicação com o comando **npm run web**

```
Run `npm audit` for details.
PS C:\Users\Mario\Desktop\Estacionamento\FrontEnd> npm run web

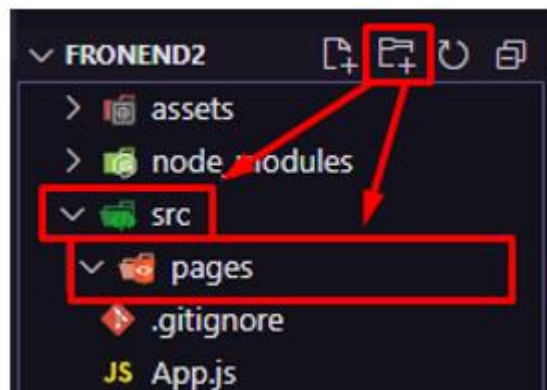
> frontend@1.0.0 web
> expo start --web

Starting project at C:\Users\Mario\Desktop\Estacionamento\FrontEnd
> Port 8081 is being used by another process
✓ Use port 8082 instead? ... yes
```

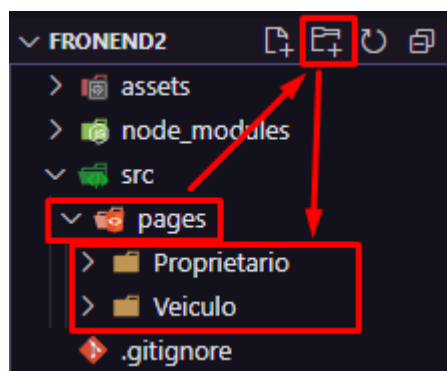


Criando a estrutura do projeto

No diretório raiz crie a pasta **src** e dentro da pasta **src** crie a pasta **pages**

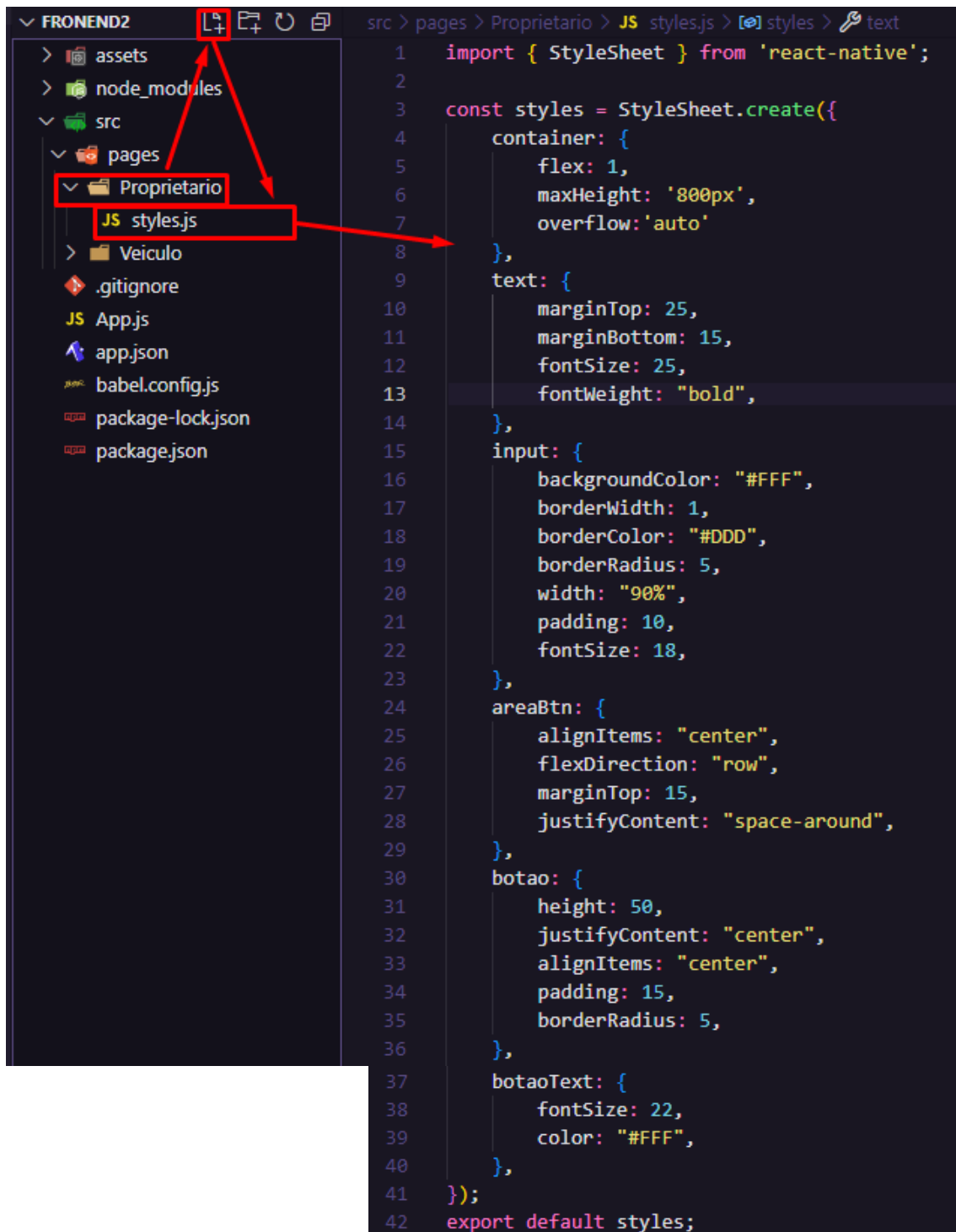


Dentro da pasta **pages** crie as pastas **Proprietario** e **Veiculo**



Criando o estilo do proprietário

Agora vamos criar um o arquivo `styles.js` dentro da pasta **Proprietário**



Código completo do styles.js

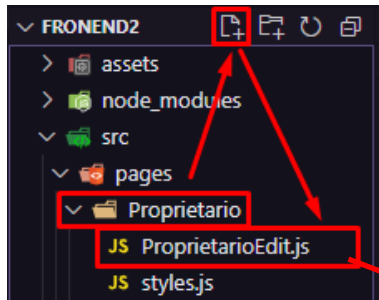
```
import { StyleSheet } from 'react-native';

const styles = StyleSheet.create({
  container: {
    flex: 1,
    maxHeight: '800px',
    overflow: 'auto'
  },
  text: {
    marginTop: 25,
    marginBottom: 15,
    fontSize: 25,
    fontWeight: "bold",
  },
  input: {
    backgroundColor: "#FFF",
    borderWidth: 1,
    borderColor: "#DDD",
    borderRadius: 5,
    width: "90%",
    padding: 10,
    fontSize: 18,
  },
  areaBtn: {
    alignItems: "center",
    flexDirection: "row",
    marginTop: 15,
    justifyContent: "space-around",
  },
  botao: {
    height: 50,
    justifyContent: "center",
    alignItems: "center",
    padding: 15,
    borderRadius: 5,
  },
  botaoText: {
    fontSize: 22,
    color: "#FFF",
  },
});

export default styles;
```


Criando o arquivo ProprietarioEdit.js (Editar)

Dentro da pasta Proprietario crie o arquivo ProprietarioEdit.js e digite:



```
1  import React, { useState } from 'react';
2  import { View, Text, TextInput, SafeAreaView, Pressable } from 'react-native';
3  import axios from 'axios';
4  import styles from './styles.js';
5
6  export default ({ route, navigation }) => {
7    // Variável que recebe os dados da Lista e preenche os campos do form
8    const [proprietarios, setProprietarios] = useState(route.params ? route.params : {})
9
10   //Função que Altera os dados utilizando a API
11   const handleClick = async (e) => {
12     e.preventDefault();
13     try {
14       await axios.put(`http://localhost:8081/proprietario/${proprietarios.id_proprietario}`, proprietarios);
15       //navigation.goBack();
16       window.location.reload()
17     } catch (err) {
18       console.log(err);
19     }
20   };
21
22   return (
23     <SafeAreaView style={styles.container}>
24       <View style={{ alignItems: "center" }}>
25         <Text style={styles.text}>Identificação</Text>
26         <TextInput
27           readOnly
28           style={styles.input}
29           onChangeText={id_proprietario => setProprietarios({ ...proprietarios, id_proprietario })}
30           value={proprietarios.id_proprietario}
31         />
32
33         <Text style={styles.text}>Digite seu nome</Text>
34         <TextInput
35           style={styles.input}
36
37
38
39         <Text style={styles.text}>Digite seu CPF</Text>
40         <TextInput
41           style={styles.input}
42           onChangeText={cpf => setProprietarios({ ...proprietarios, cpf })}
43           value={proprietarios.cpf}
44         />
45
46         <Pressable
47           style={[styles.botao, { backgroundColor: "#1d75cd" }]}
48           onPress={handleClick}
49           >
50           <Text style={styles.botaoText}>Alterar</Text>
51         </Pressable >
52
53       </View>
54     </SafeAreaView>
55   )
56 }
```

Código do arquivo ProprietarioEdit.js

```
import React, { useState } from 'react';
import { View, Text, TextInput, SafeAreaView, Pressable } from 'react-native';
import axios from 'axios';
import styles from './styles.js';

export default ({ route, navigation }) => {
  // Variável que recebe os dados da Lista e preenche os campos do form
  const [proprietarios, setProprietarios] = useState(route.params ?
route.params : {})

  //Função que Altera os dados utilizando a API
  const handleClick = async (e) => {
    e.preventDefault();
    try {
      await
    axios.put(`http://localhost:8081/proprietario/${proprietarios.id_propriet
ario}`, proprietarios);
      //navigation.goBack();
      window.location.reload()
    } catch (err) {
      console.log(err);
    }
  };

  return (
    <SafeAreaView style={styles.container}>
      <View style={{ alignItems: "center" }}>
        <Text style={styles.text}>Identificação</Text>
        <TextInput
          readOnly
          style={styles.input}
          onChangeText={id_proprietario => setProprietarios({
...proprietarios, id_proprietario })}
          value={proprietarios.id_proprietario}
        />

        <Text style={styles.text}>Digite seu nome</Text>
        <TextInput
          style={styles.input}
          onChangeText={nome => setProprietarios({
...proprietarios, nome })}
          value={proprietarios.nome}
        />

        <Text style={styles.text}>Digite seu CPF</Text>
        <TextInput
```

```

        style={styles.input}
        onChangeText={cpf => setProprietarios({
...proprietarios, cpf })}
        value={proprietarios.cpf}
      />

      <Pressable
        style={[styles.botao, { backgroundColor: "#1d75cd"
    ]}}

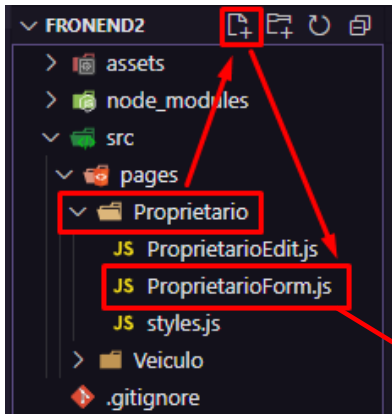
        onPress={handleClick}      >
        <Text style={styles.botaoText}>Alterar</Text>
      </Pressable >

    </View>
  </SafeAreaView>
)
}

```

Criando o arquivo ProprietarioForm.js (Cadastro)

Dentro da pasta Proprietario crie o arquivo ProprietarioForm.js e digite:



```
1  import { View, Text, SafeAreaView, TextInput, Pressable } from 'react-native'
2  import React, { useState } from "react";
3  import axios from "axios";
4  import styles from './styles.js';
5
6  export default function ProprietarioForm() {
7    //Variáveis state
8    const [nome, setNome] = useState("");
9    const [cpf, setCPF] = useState("");
10
11    //Função que Cadastra os dados utilizando a API
12    const handleClick = async (e) => {
13      e.preventDefault();
14      try {
15        await axios.post("http://localhost:8081/proprietario", {
16          nome: nome,
17          cpf: cpf
18        });
19        window.location.reload()
20      } catch (err) {
21        console.log(err);
22      }
23    };
24
25    return (
26      <SafeAreaView style={styles.container}>
27        <View style={{ alignItems: "center" }}>
28
29          <Text style={styles.text}>Digite seu nome</Text>
30          <TextInput
31            style={styles.input}
32            placeholder="Digite seu nome"
33            value={nome}
34            onChangeText={(texto) => setNome(texto)}
35          />
36
37          <Text style={styles.text}>Digite seu CPF</Text>
38          <TextInput
39            style={styles.input}
40            placeholder="Digite seu CPF"
41            value={cpf}
42            onChangeText={(texto) => setCPF(texto)}
43          />
44        </View>
45        <View style={styles.areaBtn}>
46          <Pressable
47            style={[styles.botao, { backgroundColor: "#1d75cd" }]}
48            onPress={handleClick}
49            >
50            <Text style={styles.botaoText}>Cadastrar</Text>
51          </Pressable >
52        </View>
53      </SafeAreaView>
54    );
55  };
```

Código do arquivo ProprietarioForm.js

```
import { View, Text, SafeAreaView, TextInput, Pressable } from 'react-native'
import React, { useState } from "react";
import axios from "axios";
import styles from './styles.js';

export default function ProprietarioForm() {
  //Variáveis state
  const [nome, setNome] = useState("");
  const [cpf, setCPF] = useState("");

  //Função que Cadastra os dados utilizando a API
  const handleClick = async (e) => {
    e.preventDefault();
    try {
      await axios.post("http://localhost:8081/proprietario", {
        nome: nome,
        cpf: cpf
      });
      window.location.reload()
    } catch (err) {
      console.log(err);
    }
  };

  return (
    <SafeAreaView style={styles.container}>
      <View style={{ alignItems: "center" }}>

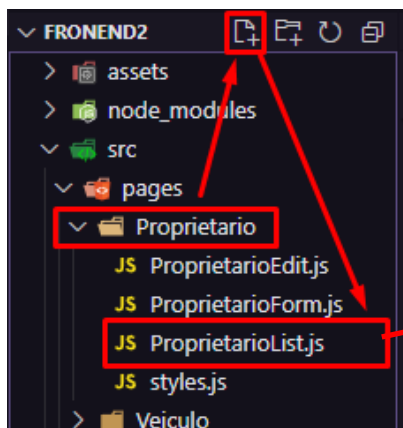
        <Text style={styles.text}>Digite seu nome</Text>
        <TextInput
          style={styles.input}
          placeholder="Digite seu nome"
          value={nome}
          onChangeText={(texto) => setNome(texto)}
        />

        <Text style={styles.text}>Digite seu CPF</Text>
        <TextInput
          style={styles.input}
          placeholder="Digite seu CPF"
          value={cpf}
          onChangeText={(texto) => setCPF(texto)}
        />
      </View>
      <View style={styles.areaBtn}>
        <Pressable
```

```
        style=[styles.botao, { backgroundColor: "#1d75cd"
    ]}]
        onPress={handleClick} >
        <Text style={styles.botaoText}>Cadastrar</Text>
        </Pressable >
    </View>
</SafeAreaView>
)
};
```

Criando o arquivo ProprietarioList.js (Listar e deletar)

Dentro da pasta Proprietario crie o arquivo ProprietarioList.js e digite:



```
1 import { View, Text, SafeAreaView, Keyboard, FlatList } from 'react-native'
2 import React, { useState, useEffect } from 'react';
3 import axios from "axios";
4 import { Button, Icon, ListItem } from "react-native-elements";
5 import styles from './styles.js';
6
7 export default ProprietarioList => {
8
9   //Variável que recebe os dados da API
10  const [proprietarios, setProprietarios] = useState([]);
11
12  //Função que Deleta os dados utilizando a API
13  const handleDelete = async (id) => {
14    try {
15      await axios.delete(`http://localhost:8081/proprietario/${id}`);
16      window.location.reload();
17    } catch (err) {
18      console.log(err);
19    }
20  };
21
22  //Função que Lista os dados utilizando a API
23  const fetchAllProprietarios = async () => {
24    try {
25      const res = await axios.get("http://localhost:8081/proprietario");
26      setProprietarios(res.data);
27      Keyboard.dismiss();
28    } catch (err) {
29      console.log(err);
30    }
31  };
32
33  //Função que inicia a listagem ao abrir o App
34  useEffect(() => {
35    fetchAllProprietarios();
36  }, []);
37
38  //Função para criar os botões Deletar e Editar na Função Listagem
39  function getActions(data) {
40    return (
41      <>
42      <Button
43        onPress={() => ProprietarioList.navigation.navigate('ProprietarioEdit', data)}
44        type="clear"
45        icon={<Icon name="edit" size={25} color="orange"/>}
46      />
47      <Button
48        onPress={() => handleDelete(data.id_proprietario)}
49        type="clear"
50        icon={<Icon name="delete" size={25} color="red"/>}
51      />
52      </>
53    );
54  }
55
56  //Função que preenche a lista e Joga no FlatList
57  function Listagem({ data }) {
58    return (
59      <ListItem bottomDivider >
60        <ListItem.Content>
61          <ListItem.Title>{data.nome}</ListItem.Title>
62          <ListItem.Subtitle>{data.cpf}</ListItem.Subtitle>
63        </ListItem.Content>
64        {getActions(data)}
65      </ListItem>
66    );
67  }
68
69  return (
70    <SafeAreaView style={styles.container}>
71      <View style={{ alignItems: "center" }}>
72        <Text style={styles.text}>Listando os Dados</Text>
73      </View>
74      <FlatList
75        keyExtractor={item => item.id}
76        data={proprietarios}
77        renderItem={({ item }) => (<Listagem data={item} />)}
78      />
79    </SafeAreaView>
80  )
81 }
```

Código do arquivo ProprietarioList.js

```
import { View, Text, SafeAreaView, Keyboard, FlatList } from 'react-native'
import React, { useState, useEffect } from "react";
import axios from "axios";
import { Button, Icon, ListItem } from "react-native-elements";
import styles from './styles.js';

export default ProprietarioList => {

  //Variável que recebe os dados da API
  const [proprietarios, setProprietarios] = useState([]);

  //Função que Deleta os dados utilizando a API
  const handleDelete = async (id) => {
    try {
      await axios.delete(`http://localhost:8081/proprietario/${id}`);
      window.location.reload();
    } catch (err) {
      console.log(err);
    }
  };

  //Função que Lista os dados utilizando a API
  const fetchAllProprietarios = async () => {
    try {
      const res = await
      axios.get("http://localhost:8081/proprietario");
      setProprietarios(res.data);
      Keyboard.dismiss();
    } catch (err) {
      console.log(err);
    }
  };

  //Função que inicia a listagem ao abrir o App
  useEffect(() => {
    fetchAllProprietarios();
  }, []);

  //Função para criar os botões Deletar e Editar na Função Listagem
  function getActions(data) {
    return (
      <>

      <Button
        onPress={() =>
          ProprietarioList.navigation.navigate('ProprietarioEdit', data)}
        type="clear"
      />
    </>
  )
}
```



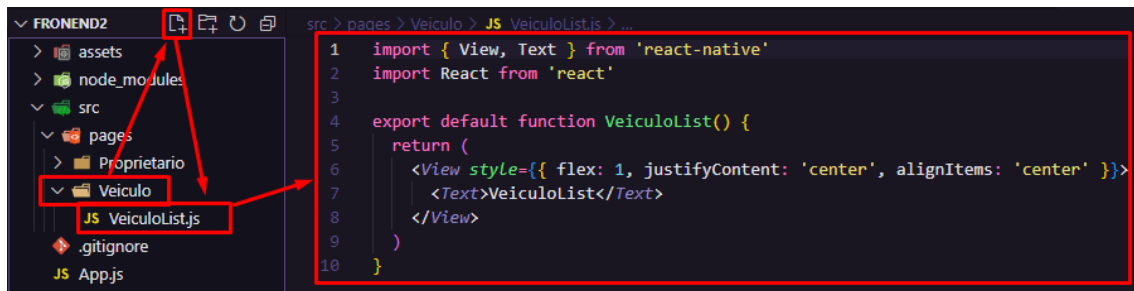
```

        icon={<Icon name="edit" size={25} color="orange"/>}
      />
    <Button
      onPress={() => handleDelete(data.id_proprietario)}
      type="clear"
      icon={<Icon name="delete" size={25} color="red"/>}
    />
  </>
);
}
//Função que preenche a Lista e Joga no FlatList
function Listagem({ data }) {
  return (
    <ListItem bottomDivider >
      <ListItem.Content>
        <ListItem.Title>{data.nome}</ListItem.Title>
        <ListItem.Subtitle>{data.cpf}</ListItem.Subtitle>
      </ListItem.Content>
      {getActions(data)}
    </ListItem>
  );
}
return (
  <SafeAreaView style={styles.container}>
    <View style={{ alignItems: "center" }}>
      <Text style={styles.text}>Listando os Dados</Text>
    </View>
    <FlatList
      keyExtractor={item => item.id}
      data={proprietarios}
      renderItem={({ item }) => (<Listagem data={item} />)}
    />
  </SafeAreaView>
)
}

```

Criando o arquivo VeiculoList.js

Dentro da pasta **Veiculo** crie o arquivo **VeiculoList.js** e digite:



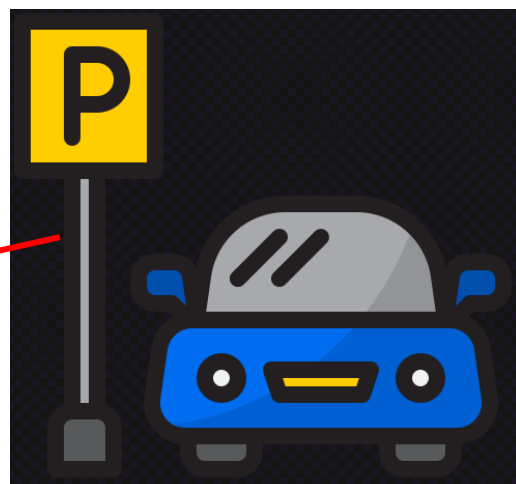
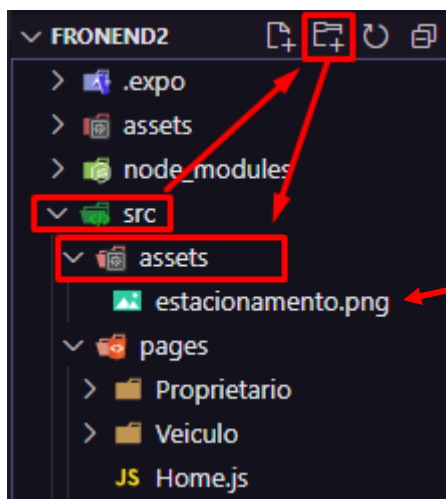
Código do arquivo VeiculoList.js

```
import { View, Text } from 'react-native'
import React from 'react'

export default function VeiculoList() {
  return (
    <View style={{ flex: 1, justifyContent: 'center', alignItems:
'center' }}>
      <Text>VeiculoList</Text>
    </View>
  )
}
```

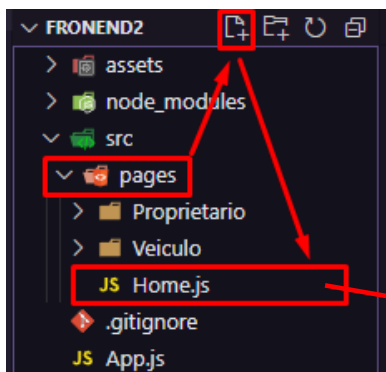
Criando a pasta assets

Dentro da pasta **src** crie a pasta **assets**, copie a imagem do estacionamento e cole nela.



Criando o arquivo Home.js

Dentro da pasta pages crie o arquivo Home.js e digite:



```
1 import { View, Image, Text, TouchableOpacity, StyleSheet } from 'react-native';
2 import React from 'react'
3
4 const Home = ({ navigation }) => {
5
6   const handleClick = (option) => {
7     //implementando a lógica só para o botão de Promoções
8     if (option === 'Proprietario') {
9       navigation.navigate('ProprietarioList');
10    }
11    else if (option === 'Veiculo') {
12      navigation.navigate('VeiculoList');
13    }
14  };
15  return (
16    <View style={styles.container}>
17      <View style={styles.imageContainer}>
18        <Image source={require('../assets/estacionamento.png')} style={styles.image} />
19      </View>
20
21      <View style={styles.buttonContainer}>
22        <TouchableOpacity style={styles.button} onPress={() => handleClick('Proprietario')}>
23          <Text style={styles.buttonText}>Proprietario</Text>
24        </TouchableOpacity>
25
26        <TouchableOpacity style={styles.button} onPress={() => handleClick('Veiculo')}>
27          <Text style={styles.buttonText}>Veiculo</Text>
28        </TouchableOpacity>
29      </View>
30    </View>
31  );
32 };
33
34 const styles = StyleSheet.create({
35   container: {
36     flex: 1
37   },
38   imageContainer: {
39     flex: 0.4,
40     justifyContent: 'flex-end',
41     alignItems: 'center',
42   },
43   image: {
44     flex: 1,
45     resizeMode: 'contain',
46   },
47   buttonContainer: {
48     flex: 0.5,
49     justifyContent: 'flex-start',
50     alignItems: 'center',
51   },
52   button: {
53     backgroundColor: '#3498db',
54     borderRadius: 5,
55     width: '80%',
56     alignItems: 'center',
57     margin: '20px',
58   },
59   buttonText: {
60     color: '#fff',
61     fontSize: 18,
62   },
63 });
64
65 export default Home;
```

Código do arquivo Home.js

```
import { View, Image, Text, TouchableOpacity, StyleSheet } from 'react-native';
import React from 'react'

const Home = ({ navigation }) => {

  const handleClick = (option) => {
    //implementando a lógica só para o botão de Promoções
    if (option === 'Proprietario') {
      navigation.navigate('ProprietarioList');
    }
    else if (option === 'Veiculo') {
      navigation.navigate('VeiculoList');
    }
  };

  return (
    <View style={styles.container}>
      <View style={styles.imageContainer}>
        <Image source={require('../assets/estacionamento.png')} style={styles.image} />
      </View>

      <View style={styles.buttonContainer}>
        <TouchableOpacity style={styles.button} onPress={() => handleClick('Proprietario')}>
          <Text style={styles.buttonText}>Proprietario</Text>
        </TouchableOpacity>

        <TouchableOpacity style={styles.button} onPress={() => handleClick('Veiculo')}>
          <Text style={styles.buttonText}>Veículo</Text>
        </TouchableOpacity>
      </View>
    </View>
  );
};

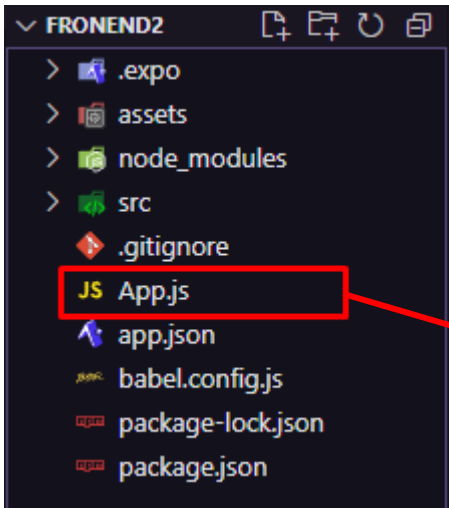
const styles = StyleSheet.create({
  container: {
    flex: 1
  },
  imageContainer: {
    flex: 0.4,
    justifyContent: 'flex-end',
    alignItems: 'center',
  },
  image: {
    flex: 1,
  },
});
```

```
      resizeMode: 'contain',
    },
    buttonContainer: {
      flex: 0.5,
      justifyContent: 'flex-start',
      alignItems: 'center',
    },
    button: {
      backgroundColor: '#3498db',
      borderRadius: 5,
      width: '80%',
      alignItems: 'center',
      margin: '20px',
    },
    buttonText: {
      color: '#fff',
      fontSize: 18,
    },
  },
});
```

```
export default Home;
```

Modificando o App.js

Na raiz do seu projeto temos o arquivo **App.js**, faça as alterações abaixo:



```
1 import { NavigationContainer } from '@react-navigation/native';
2 import { createStackNavigator } from '@react-navigation/stack';
3 import ProprietarioForm from '../src/pages/Proprietario/ProprietarioForm';
4 import ProprietarioList from '../src/pages/Proprietario/ProprietarioList';
5 import ProprietarioEdit from '../src/pages/Proprietario/ProprietarioEdit';
6 import Veiculo from '../src/pages/Veiculo/VeiculoList';
7 import Home from '../src/pages/Home';
8 import { Icon, Button } from 'react-native-elements';
9
10 const Stack = createStackNavigator();
11
12 const App = () => {
13   return (
14     <NavigationContainer>
15
16       <Stack.Navigator
17         initialRouteName="Home"
18         screenOptions={screenOptions}>
19
20         <Stack.Screen
21           name="ProprietarioList"
22           component={ProprietarioList}
23           options={({ navigation }) => {
24             return {
25               title: "Lista de Proprietários",
26               headerRight: () => (
27                 <Button
28                   onPress={() => navigation.navigate("ProprietarioForm")}
29                   type="clear"
30                   icon={<Icon name="add" size={25} color="white" />}
31                 />
32               )
33             }
34           }
35         />
36
37         <Stack.Screen
38           name="Home"
39           component={Home}
40           options={{
41             title: 'Menu de Opções'
42           }}
43         />
44
45         <Stack.Screen
46           name="ProprietarioForm"
47           component={ProprietarioForm}
48           options={{
49             title: 'Formulário de Proprietários'
50           }}
51         />
52
53         <Stack.Screen
54           name="ProprietarioEdit"
55           component={ProprietarioEdit}
56           options={{
57             title: 'Formulário de Edição'
58           }}
59         />
60
61         <Stack.Screen
62           name="VeiculoList"
63           component={Veiculo}
64           options={{
65             title: 'Lista de Veículos'
66           }}
67         />
68       </Stack.Navigator>
69     </NavigationContainer>
70   );
71 };
72
73 const screenOptions = {
74   headerStyle: {
75     backgroundColor: '#f4511e'
76   },
77   headerTintColor: '#fff',
78   headerTitleStyle: {
79     fontWeight: 'bold'
80   }
81 };
82
83 export default App;
```

Código do arquivo App.js

```
import { NavigationContainer } from '@react-navigation/native';
import { createStackNavigator } from '@react-navigation/stack';
import ProprietarioForm from './src/pages/Proprietario/ProprietarioForm';
import ProprietarioList from './src/pages/Proprietario/ProprietarioList';
import ProprietarioEdit from './src/pages/Proprietario/ProprietarioEdit';
import Veiculo from './src/pages/Veiculo/VeiculoList';
import Home from './src/pages/Home';
import { Icon, Button } from 'react-native-elements';

const Stack = createStackNavigator();

const App = () => {
  return (
    <NavigationContainer>

      <Stack.Navigator
        initialRouteName="Home"
        screenOptions={screenOptions}>

        <Stack.Screen
          name="ProprietarioList"
          component={ProprietarioList}
          options={({ navigation }) => {
            return {
              title: "Lista de Proprietários",
              headerRight: () => (
                <Button
                  onPress={() => navigation.navigate("ProprietarioForm")}
                  type="clear"
                  icon={<Icon name="add" size={25} color="white" />}
                />
              )
            }
          }}
        />

        <Stack.Screen
          name="Home"
          component={Home}
          options={{
            title: 'Menu de Opções'
          }}
        />

        <Stack.Screen
          name="ProprietarioForm"
          component={ProprietarioForm}
        />
    </NavigationContainer>
  );
};
```

```

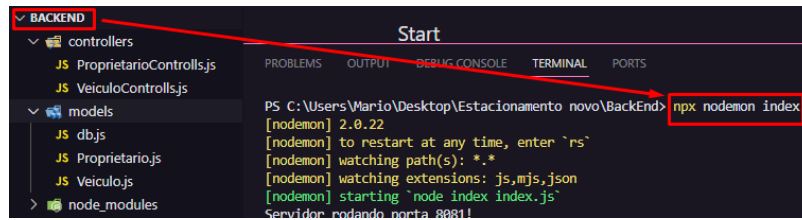
        options={{
          title: 'Formulário de Proprietários'
        }}
      />

      <Stack.Screen
        name="ProprietarioEdit"
        component={ProprietarioEdit}
        options={{
          title: 'Formulário de Edição'
        }}
      />

      <Stack.Screen
        name="VeiculoList"
        component={Veiculo}
        options={{
          title: 'Lista de Veículos'
        }}
      />
    </Stack.Navigator>
  </NavigationContainer>
);
};
const screenOptions = {
  headerStyle: {
    backgroundColor: '#f4511e'
  },
  headerTintColor: '#fff',
  headerTitleStyle: {
    fontWeight: 'bold'
  }
}
}
export default App;

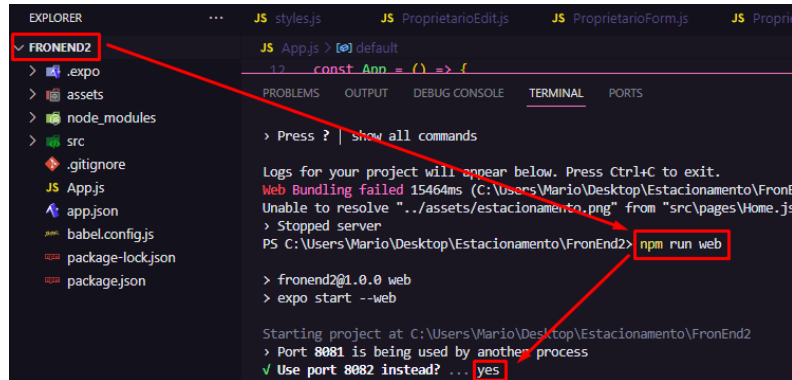
```


Lembrando que nossa API BACKEND o servidor precisa estar em execução com o comando **npx nodemon index**



The screenshot shows the VS Code interface with the Explorer sidebar on the left displaying the 'BACKEND' directory structure, including 'controllers' and 'models' folders. The main editor area shows the 'Start' terminal window with the command 'npx nodemon index' entered and executed. The terminal output shows the command running successfully, indicating the backend server is now active.

Execute nosso FRONTEND2 com o comando **npm run web**



The screenshot shows the VS Code interface with the Explorer sidebar on the left displaying the 'FRONTEND2' directory structure, including 'assets', 'node_modules', and 'src' folders. The main editor area shows the 'Terminal' window with the command 'npm run web' entered and executed. The terminal output shows the command running successfully, indicating the frontend server is now active.

Saída

