

//Cadastro.js-----

```
import React, {useState} from "react";

import {Pressable, Text, TextInput, View, Image} from "react-native";

import {launchImageLibrary} from "react-native-image-picker";

import styles from './StyleSheets';
```

```
const Cadastro= ({salvaItem}) => {

  const [nome, setNome] = useState("");

  const [endereco, setEndereco] = useState("");

  const [contato, setContato] = useState("");

  const [categoria, setCategoria] = useState("");

  const [imagem, setImagem] = useState(null);


  const Item = () => {

    if (!nome || !endereco || !contato || !categoria) {

      alert('Por favor, preencha todos os campos.');
      return;

    }

    const item = { nome, endereco, contato, categoria, imagem};

    salvaItem(item);

    setNome("");

    setEndereco("");

    setContato("");

    setCategoria("");
```

```

    setImagem(null);
};

const selecionarImagem = () => {
    launchImageLibrary({ mediaType: 'photo' }, (response) => {
        if (response.didCancel) {
            console.log('Usuário cancelou a seleção de imagem.');
```

```
        } else if (response.errorCode) {
```

```
            console.log('Erro:', response.errorMessage);
```

```
        } else {
```

```
            const uri = response.assets[0].uri;
```

```
            setImagem(uri);
```

```
        }
```

```
    });
```

```
};
```

```
return (
```

```
    <View style={{alignItems: 'center'}}>
```

```
        <Text style={styles.titulo}>Cadastro</Text>
```

```
        <TextInput
```

```
            style={styles.entrada}
```

```
            value={nome}
```

```
            onChangeText={setNome}
```

```
            placeholder="Nome"
```

```

/>

<TextInput
  style={styles.entrada}
  value={endereco}
  onChangeText={setEndereco}
  placeholder="Endereço"
/>

<TextInput
  style={styles.entrada}
  value={contato}
  onChangeText={setContato}
  placeholder="Contato"
/>

<TextInput
  style={styles.entrada}
  value={categoria}
  onChangeText={setCategoria}
  placeholder="Categoria de produtos"
/>

<Pressable style={[styles.entrada, {backgroundColor: 'rgb(111, 211, 247)',
borderWidth: 0}]} onPress={selecionarImagem}>

  <Text style={[styles.textoBotao, {fontSize: 16, paddingTop: 7}]}>Salvar
imagem</Text>

</Pressable>

{imagem && (

```

```

        <Image
            source={{ uri: imagem }}
            style={{ width: 100, height: 100, marginTop: 10 }}
        />
    )}

    <Pressable style={styles.botao} onPress={Item}>
        <Text style={styles.textoBotao}>Adicionar</Text>
    </Pressable>
</View>
)
}

export default Cadastro;

```

//Lista.js-----

```

import React, {useState} from 'react';
import {FlatList, Text, Image, View, TextInput, Pressable, Platform} from 'react-native';
import {Picker} from '@react-native-picker/picker';
import styles from './StyleSheets';

const ListaFornecedores = ({ data }) => {

    const [procurar, setProcurar] = useState('')
    const [critério, setCritério] = useState('nome')

```

```

const filtrado = procurar.length > 0 ?

  data.filter(item => {

    const campo = item[criterio].toLowerCase()

    return campo.includes(procurar.toLowerCase())

  })

: data

return (

  <View style={{ flex: 1 }}>

    <View style={{flexDirection: 'row', marginTop: 20, alignItems: 'center', margin: 20}}>

      <TextInput

        style={Platform.OS === 'web' ? [styles.entrada, {height: 40, fontSize: 18}] :
styles.pesquisaAndroid}

        placeholder='Pesquisar...'

        value={procurar}

        onChangeText={setProcurar}

      />

      <View style={{flexDirection: 'column'}}>

        <Picker

          selectedValue={criterio}

          style={styles.picker}

          onChangeValue={({itemValue}) => setCriterio(itemValue)}

        >

```

```

    <Picker.Item label="Nome" value="nome" style={styles.pickerItem}/>

    <Picker.Item label="Endereço" value="endereco" style={styles.pickerItem}/>

    <Picker.Item label="Categoria" value="categoria" style={styles.pickerItem}/>

  </Picker>

</View>

</View>

<FlatList
  data={filtrado}

  keyExtractor={({item, index}) => index.toString()}

  renderItem={({ item }) => (
    <View style={styles.lista}>

      {item.imagem && (
        <View style={{
          borderTopWidth: 3,
          borderColor: 'rgba(111, 211, 247, 0.8)',
          backgroundColor: 'white'}}>

          <Image
            source={{ uri: item.imagem }}

            style={styles.listalimg}

          />

        </View>

      )}

      <Text style={styles.listap}>Nome: {item.nome}</Text>

      <Text style={styles.listap}>Endereço: {item.endereco}</Text>
    </View>
  )}

```

```

        <Text style={styles.listap}>Contato: {item.contato}</Text>

        <Text style={styles.listap}>Categoria: {item.categoria}</Text>

    </View>

  )}

  contentContainerStyle={styles.containerListaWeb}

  style={{flex: 1}}

/>

</View>

);

};

```

```
export default ListaFornecedores;
```

//App.js

```

import React, {useState} from 'react';

import {Platform, View, Image, ImageBackground} from 'react-native';

import styles from './StyleSheets';

import Cadastro from './Cadastro';

import ListaFornecedores from './Lista';

export default function App() {

  const [data, setData] = useState([]);

  const salvarItem = (item) => {

    setData([...data, item]);
  }

```

```

};

return (

  <View style={styles.containerG}>

    <ImageBackground

      source={{ uri:
'https://get.wallhere.com/photo/1920x1080-px-blue-clouds-landscape-Mount-Everest-mountai
ns-nature-sky-snow-1287833.jpg' }}

      style={Platform.OS === 'web' ? styles.backgroundWeb : styles.background}

    >

      <View

        style={Platform.OS === 'web' ? styles.containerWeb : styles.container}>

          <Cadastro salvaItem={salvaItem} />

          <View

            style={Platform.OS === 'web' ? styles.containerListaWeb : styles.containerLista}>

              <ListaFornecedores data={data} />

            </View>

          </View>

        </View>

      </ImageBackground>

    </View>

  )
}

```



```
//StyleSheets.js-----
```

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

```
export default StyleSheet.create({
```

```
  //Containers-----
```

```
  containerG: {
```

```
    flex: 1,
```

```
    justifyContent: 'center',
```

```
    alignItems: 'center',
```

```
  },
```

```
  background: {
```

```
    width: '100%',
```

```
    justifyContent: 'center',
```

```
    alignItems: 'center',
```

```
    height: '100%',
```

```
    flex: 1
```

```
  },
```

```
  backgroundWeb: {
```

```
    flex: 1,
```

```
    justifyContent: 'center',
```

```
    alignItems: 'center',
```

```
    width: '100%',
```

```
  },
```

```
containerWeb: {  
  height: '100vh',  
  padding: 20,  
  backgroundColor: 'rgba(255, 255, 255, 0.8)',  
  maxWidth: 605,  
  minWidth: 300,  
  alignItems: 'center',  
  flex: 1  
},  
container: {  
  paddingTop: 50,  
  padding: 20,  
  backgroundColor: 'rgba(255, 255, 255, 0.8)',  
  maxWidth: 605,  
  minWidth: 300,  
  alignItems: 'center',  
  flex: 1  
},  
//Titulo e Inputs-----  
titulo: {  
  fontSize: 22,  
  marginBottom: 10,  
  color: '#0D47A1'  
},
```

```
entrada: {  
    height: 40,  
    width: 300,  
    borderColor: 'gray',  
    borderWidth: 1,  
    margin: 8,  
    borderRadius: 5,  
    backgroundColor: '#E1F5FE',  
    paddingLeft: 7,  
    color: '#0D47A1'  
},
```

```
pesquisaAndroid: {  
    height: 40,  
    width: 200,  
    borderColor: 'gray',  
    borderWidth: 1,  
    margin: 8,  
    borderRadius: 5,  
    backgroundColor: '#E1F5FE',  
    paddingLeft: 7,  
    color: '#0D47A1',  
    fontSize: 18  
},
```

```
//Botões-----
```

```
botao: {  
    height:50,  
    width: 320,  
    margin: 20,  
    borderRadius: 5,  
    backgroundColor: '#1565C0',  
    alignItems: 'center',  
    justifyContent: 'center'  
},  
textoBotao: {  
    color: 'white',  
    fontSize: 20,  
},  
//Filtro-----  
picker: {  
    height: 40,  
    width: 80,  
    backgroundColor: '#1565C0',  
    borderRadius: 5,  
    fontSize: 16,  
    color: 'white'  
},  
pickerItem: {  
    color: 'white',
```

```
        backgroundColor: '#1565C0',
    },
    //Lista-----
    containerListaWeb: {
        flexWrap: 'wrap',
        flexDirection: 'row',
        padding: 10,
        flex: 1,
    },
    containerLista: {
        flexDirection: 'column',
        padding: 10,
        flex: 1,
        alignItems: 'center'
    },
    lista: {
        margin: 4,
        borderBottomWidth: 3,
        borderLeftWidth: 3,
        borderRightWidth: 3,
        borderColor: 'rgba(111, 211, 247, 0.8)',
    },
    listap:{
        backgroundColor: 'rgba(255, 255, 255, 0.6)',
```

```
        width: 250,
        minHeight: 30,
        fontSize: 16,
        color: '#0D47A1',
        padding: 8,
        borderTopWidth: 3,
        borderColor: 'rgba(111, 211, 247, 0.8)',
        flexWrap: 'wrap'
    },
    listImg: {
        alignSelf: 'center',
        width: 100,
        height: 100,
        backgroundColor: 'white',
    }
})
```