

React Navigator(navegação na tela)

Pacotes iniciais para navegação entre telas

- npm install @react-navigation/native
- npx expo install react-native-screens react-native-safe-area-context

Usando o BottomTabNavigator

Instalação: npm install @react-navigation/bottom-tabs

Arquivo App.js

```
import React from 'react';
import 'react-native-gesture-handler';
import Ionicons from '@expo/vector-icons/Ionicons'
import { Foundation } from '@expo/vector-icons';
import { SimpleLineIcons } from '@expo/vector-icons';
import { NavigationContainer } from '@react-navigation/native';
import { createStackNavigator } from '@react-navigation/stack';
import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
import Inicial from './Inicial';
import Disciplinas from './Disciplinas';
import Avaliacoes from './Avaliacoes';
import Biblioteca from './Biblioteca';
```

```
const Tab = createBottomTabNavigator();
```

```
export default function App() {
  return (
```

```
    <NavigationContainer>
    <Tab.Navigator
      tabBarOptions={{
        activeTintColor: 'blue',
        inactiveTintColor: 'gray'
      }}
      initialRouteName='Inicial'
      screenOptions={
        ({ route }) => ({
          tabBarIcon: ({ color, size }) => {
            let nomeIcone
            let notelcone

            if(route.name === 'Inicial'){
              nomeIcone = 'home'
            }
            else if(route.name === 'Disciplinas'){
              nomeIcone = 'book'
            }
          }
        })
      }
    />
  )
}
```

```

        else if(route.name === 'Avaliacoes'){
            return <SimpleLineIcons name="note" size={24} color="blue" />
        }
        else if(route.name === 'Biblioteca'){
            return <Ionicons name="library" size={24} color="blue" />
        }

        return <Foundation name={nomeicone} size={25} color={'blue'} />
    }

    }}}

    >
    <Tab.Screen name="Inicial" component={Inicial} />
    <Tab.Screen name="Disciplinas" component={Disciplinas} />
    <Tab.Screen name='Avaliacoes' component={Avaliacoes}/>
    <Tab.Screen name='Biblioteca' component={Biblioteca}/>
    </Tab.Navigator>
    </NavigationContainer>

);
}

```

```

=====
=====

```

Arquivo Tela1.js

```

import { StyleSheet, View, Text } from "react-native"

export default function Tela1(){
    return (
        <View style={styles.container}>
        <Text style={styles.titulo}>Essa é a tela 1</Text>
        </View>

    )
}

const styles = StyleSheet.create({
    container: {
        flex: 1,
        alignItems: 'center',
        justifyContent: 'center',
        backgroundColor: 'green'
    },

```

```

        titulo: {
          color: 'white'
        }
      })

```

```

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```

Arquivo Tela2.js

```

import { StyleSheet, View, Text } from "react-native"

export default function Tela2(){
  return (
    <View style={styles.container}>
      <Text style={styles.titulo}>Essa é a tela 2</Text>
    </View>

  )
}

```

```

const styles = StyleSheet.create({
  container: {
    flex: 1,
    alignItems: 'center',
    justifyContent: 'center',
    backgroundColor: 'blue'
  },
  titulo: {
    color: 'white'
  }
})

```

```

=====

```

Inicial.js

```

import { StyleSheet, View, Text } from "react-native"
import Ionicons from '@expo/vector-icons/Ionicons'

export default function Inicial(){
  return (
    <View style={styles.container}>
      <Text style={styles.titulo}>Inicial</Text>
      <Ionicons name="home" size={50}/>
    </View>
  )
}

```

```
)  
}
```

```
const styles = StyleSheet.create({  
  container: {  
    flex: 1,  
    alignItems: 'center',  
    justifyContent: 'center',  
    backgroundColor: 'white'  
  },  
  titulo: {  
    fontSize: 30  
  }  
})
```

```
=====
```

Disciplinas.js

```
import { StyleSheet, View, Text } from "react-native"  
import Ionicons from '@expo/vector-icons/Ionicons'  
import { MaterialCommunityIcons } from '@expo/vector-icons';
```

```
export default function Disciplinas() {  
  return (  
    <View style={styles.container}>  
      <View style={styles.disciplinaCard}>  
        <View style={styles.disciplinaNomeProf}>  
          <Text style={styles.disciplina}>Matemática</Text>  
          <Text style={styles.professor}>Prof. Fulano</Text>  
        </View>  
        <MaterialCommunityIcons name="math-compass" size={40} color="black" />  
      </View>  
      <Text style={styles.titulo}>Disciplinas</Text>  
      <Ionicons name="book" size={50} />  
    </View>  
  )  
}
```

```
)  
}
```

```
const styles = StyleSheet.create({  
  container: {  
    flex: 1,  
    backgroundColor: '#00ffff'  
  },  
  },
```

```

    titulo: {
      fontSize: 30
    },
    disciplinaCard: {
      flex: 1,
      alignItems: 'center',
      justifyContent: 'space-between',
      flexDirection: 'row',
      backgroundColor: 'gray',
      paddingHorizontal: 20,
      borderRadius: 20,
      marginVertical: 180,
      marginHorizontal: 20
    },
    disciplina: {
      fontSize: 30,
      fontWeight: 'bold',
    },
    professor: {
      fontSize: 18
    }
  })

```

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Avaliacoes.js

```

import { StyleSheet, View, Text } from "react-native"
import { SimpleLineIcons } from '@expo/vector-icons';

export default function Avaliacoes(){
  return (
    <View style={styles.container}>
      <Text style={styles.titulo}>Avaliações</Text>
      <SimpleLineIcons name="note" size={50} color="black" />
    </View>

  )
}

```

```

const styles = StyleSheet.create({
  container: {
    flex: 1,
    alignItems: 'center',
    justifyContent: 'center',
    backgroundColor: 'white'
  }
})

```

```

    },
    titulo: {
      fontSize: 30
    }
  })

```

=====

Biblioteca.js

```

import { StyleSheet, View, Text } from "react-native"
import Ionicons from '@expo/vector-icons/Ionicons'

```

```

export default function Biblioteca(){
  return (
    <View style={styles.container}>
      <Text style={styles.titulo}>Biblioteca</Text>
      <Ionicons name="library" size={50}/>
    </View>

```

```

  )
}

```

```

const styles = StyleSheet.create({
  container: {
    flex: 1,
    alignItems: 'center',
    justifyContent: 'center',
    backgroundColor: 'white'
  },
  titulo: {
    fontSize: 30
  }
})

```