Projeto React Native com Expo - Avaliação

## 1. Criação do Projeto

Abra o terminal e execute:

npx create-expo-app@latest ProjetoDrawer  
cd ProjetoDrawer

## 2. Resetar o Projeto (se existir o script)

node ./scripts/reset-project.js

## 3. Instalar Dependências do Drawer

npx expo install @react-navigation/drawer react-native-gesture-handler react-native-reanimated

## 4. Instalar AsyncStorage

npx expo install @react-native-async-storage/async-storage

## 5. Estrutura de Pastas

ProjetoDrawer/  
├── app/  
│ ├── (drawer)/  
│ │ └── \_layout.tsx  
│ ├── (drawer)/tabs/  
│ │ ├── home.tsx  
│ │ └── perfil.tsx  
├── components/  
│ └── BotaoPadrao.tsx  
├── styles/  
│ └── form.ts

## 6. Código do Drawer Layout - app/(drawer)/\_layout.tsx

import { Drawer } from 'expo-router/drawer';  
import { Ionicons } from '@expo/vector-icons';  
  
export default function Layout() {  
 return (  
 <Drawer>  
 <Drawer.Screen name="tabs/home" options={{ title: 'Início', drawerIcon: () => <Ionicons name="home" size={24} /> }} />  
 <Drawer.Screen name="tabs/perfil" options={{ title: 'Perfil', drawerIcon: () => <Ionicons name="person" size={24} /> }} />  
 </Drawer>  
 );  
}

## 7. Código do Tabs Layout - app/(drawer)/tabs/\_layout.tsx

import { Tabs } from 'expo-router';  
import { Ionicons } from '@expo/vector-icons';  
  
export default function TabLayout() {  
 return (  
 <Tabs>  
 <Tabs.Screen name="home" options={{ title: 'Home', tabBarIcon: () => <Ionicons name="home-outline" size={20} /> }} />  
 <Tabs.Screen name="perfil" options={{ title: 'Perfil', tabBarIcon: () => <Ionicons name="person-outline" size={20} /> }} />  
 </Tabs>  
 );  
}

## 8. Tela Home - app/(drawer)/tabs/home.tsx

import { View, Text } from 'react-native';  
import BotaoPadrao from '../../../components/BotaoPadrao';  
  
export default function Home() {  
 return (  
 <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>  
 <Text style={{ fontSize: 24 }}>Página Inicial</Text>  
 <BotaoPadrao texto="Ir para Perfil" rota="/perfil" />  
 </View>  
 );  
}

## 9. Tela Perfil - app/(drawer)/tabs/perfil.tsx

import { View, Text } from 'react-native';  
import BotaoPadrao from '../../../components/BotaoPadrao';  
  
export default function Perfil() {  
 return (  
 <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>  
 <Text style={{ fontSize: 24 }}>Perfil do Usuário</Text>  
 <BotaoPadrao texto="Voltar ao Início" rota="/home" />  
 </View>  
 );  
}

## 10. Componente BotaoPadrao - components/BotaoPadrao.tsx

import React from 'react';  
import { TouchableOpacity, Text, StyleSheet } from 'react-native';  
import { useRouter } from 'expo-router';  
  
type Props = {  
 texto: string;  
 rota?: string;  
 onPress?: () => void | Promise<void>;  
};  
  
export default function BotaoPadrao({ texto, rota, onPress }: Props) {  
 const router = useRouter();  
  
 const handlePress = () => {  
 if (rota) {  
 router.push(rota);  
 } else if (onPress) {  
 onPress();  
 }  
 };  
  
 return (  
 <TouchableOpacity style={styles.botao} onPress={handlePress}>  
 <Text style={styles.texto}>{texto}</Text>  
 </TouchableOpacity>  
 );  
}  
  
const styles = StyleSheet.create({  
 botao: {  
 backgroundColor: '#2196F3',  
 padding: 12,  
 borderRadius: 8,  
 alignItems: 'center',  
 marginVertical: 5,  
 },  
 texto: {  
 color: '#fff',  
 fontSize: 16,  
 fontWeight: 'bold',  
 },  
});

## 11. Estilo de Formulário - styles/form.ts

import { StyleSheet } from 'react-native';  
  
export default StyleSheet.create({  
 input: {  
 borderWidth: 1,  
 borderColor: '#ccc',  
 borderRadius: 5,  
 padding: 10,  
 marginBottom: 10,  
 width: '80%',  
 },  
 label: {  
 marginBottom: 5,  
 fontSize: 16,  
 }  
});