import React, { useState } from "react";

import { View, Text, TextInput, Button, FlatList, Alert } from "react-native";

export default function App() {

  const [description, setDescription] = useState("");

  const [amount, setAmount] = useState("");

  const [transactions, setTransactions] = useState([]);

  const addTransaction = () => {

    if (!description || !amount) {

      Alert.alert("Erro", "Preencha todos os campos!");

      return;

    }

    const newTransaction = {

      id: Math.random().toString(),

      description,

      amount: parseFloat(amount),

    };

    setTransactions([...transactions, newTransaction]);

    setDescription("");

    setAmount("");

  };

  return (

    <View style={{ padding: 20, flex: 1, backgroundColor: "#f4f4f4" }}>

      <Text style={{ fontSize: 24, fontWeight: "bold", marginBottom: 10 }}>

        Gestão de Gastos 💰

      </Text>

      <TextInput

        placeholder="Descrição"

        value={description}

        onChangeText={setDescription}

        style={{

          backgroundColor: "#fff",

          padding: 10,

          marginBottom: 10,

          borderRadius: 5,

        }}

      />

      <TextInput

        placeholder="Valor"

        value={amount}

        onChangeText={setAmount}

        keyboardType="numeric"

        style={{

          backgroundColor: "#fff",

          padding: 10,

          marginBottom: 10,

          borderRadius: 5,

        }}

      />

      <Button title="Adicionar" onPress={addTransaction} color="#28a745" />

      <FlatList

        data={transactions}

        keyExtractor={(*item*) => *item*.id}

        renderItem={({ *item* }) => (

          <View

            style={{

              flexDirection: "row",

              justifyContent: "space-between",

              padding: 15,

              marginTop: 10,

              backgroundColor: "#fff",

              borderRadius: 5,

            }}

          >

            <Text>{*item*.description}</Text>

            <Text style={{ fontWeight: "bold" }}>R$ {*item*.amount.toFixed(2)}</Text>

          </View>

        )}

      />

    </View>

  );

}