import React, { useState, useEffect } from 'react';

import { View, Text, TextInput, TouchableOpacity, FlatList, Modal } from 'react-native';

import Contacts from 'react-native-contacts';

const ContactApp = () => {

const [searchQuery, setSearchQuery] = useState('');

const [contacts, setContacts] = useState([]);

const [selectedContact, setSelectedContact] = useState(null);

useEffect(() => {

fetchContacts();

}, []);

const fetchContacts = () => {

Contacts.getAll((err, fetchedContacts) => {

if (err) {

console.error(err);

} else {

setContacts(fetchedContacts);

}

});

};

const filterContact = () => {

if (searchQuery === '') {

return contacts;

} else {

return contacts.filter((contact) =>

contact.givenName.toLowerCase().includes(searchQuery.toLowerCase())

);

}

};

const handleContactPress = (contact) => {

setSelectedContact(contact);

};

const handleClosePopup = () => {

setSelectedContact(null);

};

return (

<View style={{ flex: 1, paddingTop: 50 }}>

<TextInput

style={{ height: 40, margin: 10, paddingLeft: 10, borderColor: 'gray', borderWidth: 1 }}

placeholder="Search"

value={searchQuery}

onChangeText={(text) => setSearchQuery(text)}

/>

<FlatList

data={filterContacts()}

keyExtractor={(item) => item.recordID}

renderItem={({ item }) => (

<TouchableOpacity onPress={() => handleContactPress(item)}>

<Text style={{ fontSize: 16, margin: 10 }}>

{item.givenName} {item.familyName} - {item.phoneNumbers[0]?.number}

</Text>

</TouchableOpacity>

)}

/>

<Modal visible={selectedContact !== null} animationType="slide">

<View style={{ flex: 1, justifyContent: 'center', alignItems: 'center' }}>

<Text>

{selectedContact?.givenName} {selectedContact?.familyName}

</Text>

<Text>

{selectedContact?.phoneNumbers[0]?.number}

</Text>

<TouchableOpacity onPress={handleClosePopup} style={{ marginTop: 20 }}>

<Text style={{ color: 'blue' }}>Dismiss</Text>

</TouchableOpacity>

</View>

</Modal>

</View>

);

};

export default ContactApp;