package com.example.svrswetha.chatapp2.Fragments;

import android.content.Context;

import android.net.Uri;

import android.os.Bundle;

import android.support.annotation.NonNull;

import android.support.v4.app.Fragment;

import android.support.v7.widget.LinearLayoutManager;

import android.support.v7.widget.RecyclerView;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import com.example.svrswetha.chatapp2.Adapter.UserAdapter;

import com.example.svrswetha.chatapp2.Model.Chat;

import com.example.svrswetha.chatapp2.Model.User;

import com.example.svrswetha.chatapp2.R;

import com.google.firebase.auth.FirebaseAuth;

import com.google.firebase.auth.FirebaseUser;

import com.google.firebase.database.DataSnapshot;

import com.google.firebase.database.DatabaseError;

import com.google.firebase.database.DatabaseReference;

import com.google.firebase.database.FirebaseDatabase;

import com.google.firebase.database.ValueEventListener;

import java.util.ArrayList;

import java.util.List;

public class ChatsFragment extends Fragment {

private RecyclerView recyclerView;

private UserAdapter userAdapter;

private List<User> mUsers;

FirebaseUser fuser;

DatabaseReference reference;

private List<String> usersList;

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.*fragment\_chats*, container, false);

recyclerView = view.findViewById(R.id.*recycler\_view*);

recyclerView.setHasFixedSize(true);

recyclerView.setLayoutManager(new LinearLayoutManager(getContext()));

fuser = FirebaseAuth.*getInstance*().getCurrentUser();

usersList = new ArrayList<>();

reference = FirebaseDatabase.*getInstance*().getReference("Chats");

reference.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(@NonNull DataSnapshot dataSnapshot) {

usersList.clear();

for(DataSnapshot snapshot : dataSnapshot.getChildren()){

Chat chat = snapshot.getValue(Chat.class);

if(chat.getSender().equals(fuser.getUid())){

usersList.add(chat.getReceiver());

}

if(chat.getReceiver().equals(fuser.getUid())){

usersList.add(chat.getSender());

}

}

readChats();

}

@Override

public void onCancelled(@NonNull DatabaseError databaseError) {

}

});

return view;

}

private void readChats() {

mUsers = new ArrayList<>();

reference = FirebaseDatabase.*getInstance*().getReference("Users");

reference.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(@NonNull DataSnapshot dataSnapshot) {

mUsers.clear();

for(DataSnapshot snapshot : dataSnapshot.getChildren()){

User user = snapshot.getValue(User.class);

// Displaying a single user from chats

for(String id: usersList) {

if(user.getId().equals(id)){

if(mUsers.size() !=0) {

for(User user1 : mUsers){

if(!user.getId().equals(user1.getId())){

mUsers.add(user);

}

}

} else{

mUsers.add(user);

}

}

}

}

userAdapter = new UserAdapter(getContext(), mUsers);

recyclerView.setAdapter(userAdapter);

}

@Override

public void onCancelled(@NonNull DatabaseError databaseError) {

}

});

}

}