package com.example.covid\_19alertapp.activities;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import androidx.recyclerview.widget.LinearLayoutManager;

import androidx.recyclerview.widget.RecyclerView;

import android.content.Intent;

import android.os.Bundle;

import android.os.Parcelable;

import android.view.View;

import android.widget.Button;

import android.widget.Toast;

import com.example.covid\_19alertapp.R;

import com.example.covid\_19alertapp.adapters.FeedAdapter;

import com.example.covid\_19alertapp.models.Post;

import com.google.android.material.floatingactionbutton.FloatingActionButton;

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.Collections;

public class NewsFeedActivity extends AppCompatActivity {

FloatingActionButton floatingActionButton;

Button homeBtnFeed;

DatabaseReference reference;

RecyclerView recyclerView;

ArrayList<Post> list;

com.example.covid\_19alertapp.adapters.FeedAdapter FeedAdapter;

private Parcelable recyclerViewState;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_news\_feed);

homeBtnFeed = findViewById(R.id.home\_button\_newsfeed\_page);

recyclerView = findViewById(R.id.recyclerView\_Feed);

floatingActionButton = findViewById(R.id.floatingActionButton);

floatingActionButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

startActivity(new Intent(getApplicationContext(),PostActivity.class));

}

});

homeBtnFeed.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

finish();

}

});

reference = FirebaseDatabase.getInstance().getReference().child("Posts");

LinearLayoutManager manager = new LinearLayoutManager(this);

recyclerView.setLayoutManager(manager);

recyclerView.setHasFixedSize(true);

reference.addValueEventListener(new ValueEventListener() {

@Override

public void onDataChange(@NonNull DataSnapshot dataSnapshot) {

list = new ArrayList<>();

for (DataSnapshot dataSnapshot1:dataSnapshot.getChildren())

{

Post post = dataSnapshot1.getValue(Post.class);

list.add(post);

}

Collections.reverse(list);

FeedAdapter = new FeedAdapter(NewsFeedActivity.this,list);

recyclerViewState = recyclerView.getLayoutManager().onSaveInstanceState();

recyclerView.setAdapter(FeedAdapter);

recyclerView.getLayoutManager().onRestoreInstanceState(recyclerViewState);

}

@Override

public void onCancelled(@NonNull DatabaseError databaseError) {

Toast.makeText(getApplicationContext(),"Something Wrong!\nCheck Internet Connection.", Toast.LENGTH\_LONG).show();

}

});

}

}