<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="<http://schemas.android.com/apk/res/android>"

    package="com.su.newsreader"

    android:versionCode="1"

    android:versionName="1.0" >

<uses-permission android:name="android.permission.INTERNET"></uses-permission>

<uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"></uses-permission>

<uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION"></uses-permission>

<uses-permission android:name="android.permission.ACCESS\_COARSE\_LOCATION"></uses-permission>

    <uses-sdk

        android:minSdkVersion="14"

        android:targetSdkVersion="18" />

    <application

        android:allowBackup="true"

        android:icon="@drawable/ic\_launcher"

        android:label="@string/app\_name"

        android:theme="@style/AppTheme" >

        <activity

            android:name="com.su.newsreader.Splash"

            android:label="@string/app\_name" >

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

         <activity

            android:name=".MainActivity"

            android:label="@string/app\_name" >

        </activity>

        <activity

            android:name=".NewsPreview"

            android:label="@string/app\_name" >

        </activity>

        <activity

            android:name=".WeatherDetail"

            android:label="@string/app\_name" >

        </activity>

        <activity

            android:name=".NewsDetails"

            android:label="@string/app\_name" >

        </activity>

         <activity

            android:name=".Search"

            android:label="@string/app\_name" >

        </activity>

<activity android:name="com.su.newsreader.HomeActivity" >

        </activity>

        <activity android:name="com.su.newsreader.SignUPActivity" />

<activity

            android:name="com.su.newsreader.FavNewsDetails">

        </activity>

        <activity

            android:name=".PhotoGallery"

            android:label="@string/app\_name" >

        </activity>

        <activity

            android:name="com.su.newsreader.Favourites" />

    </application>

</manifest>

package com.su.newsreader;

import java.io.IOException;

import java.io.InputStream;

import java.net.HttpURLConnection;

import java.net.URL;

import java.util.ArrayList;

import java.util.Scanner;

import org.json.JSONArray;

import org.json.JSONObject;

import android.app.Activity;

import android.content.Context;

import android.graphics.Bitmap;

import android.graphics.BitmapFactory;

import android.location.Location;

import android.location.LocationListener;

import android.location.LocationManager;

import android.os.Bundle;

import android.os.StrictMode;

import android.view.View;

import android.widget.EditText;

import android.widget.ImageView;

import android.widget.TextView;

public class WeatherDetail extends Activity  {

                StrictMode.ThreadPolicy policy = new StrictMode.ThreadPolicy.Builder().permitAll().build();

                String latitude="";

    String longitude="";

    boolean isCurrent = false;

                @Override

                protected void onCreate(Bundle savedInstanceState) {

                      super.onCreate(savedInstanceState);

                      setContentView(R.layout.weatherdetail);

                      GPSTracker gpsTracker = new GPSTracker(this);

                        if (gpsTracker.canGetLocation())

                        {

                                latitude = String.valueOf(gpsTracker.latitude);

                                longitude = String.valueOf(gpsTracker.longitude);

                                isCurrent = true;

                                seeWeatherDetailsCurent(null);

                        }

                        else

                        {

                            gpsTracker.showSettingsAlert();

                        }

                }

                public void seeWeatherDetailsCurent(View v){

                                isCurrent = true;

                                seeWeatherDetails();

                }

                public void seeWeatherDetailsUserInput(View v){

                                isCurrent = false;

                                seeWeatherDetails();

                }

                public void seeWeatherDetails()

                {

                                StrictMode.setThreadPolicy(policy);

                                EditText edittext = (EditText) findViewById(R.id.searchplace);

                                //Todays

                                TextView weatherTodayTemp = (TextView) findViewById(R.id.weatherPlace);

                                TextView weatherPlace = (TextView) findViewById(R.id.weatherTodayTemp);

                                TextView weatherTodayDesc = (TextView) findViewById(R.id.weatherTodayDesc);

                                TextView weatherTodayWind = (TextView) findViewById(R.id.weatherTodayWind);

                                ImageView weatherTodayImage = (ImageView)findViewById(R.id.weatherTodayImage);

                                //Next five days

                                TextView weatherText1 = (TextView) findViewById(R.id.weatherText1);

                                TextView weatherText2 = (TextView) findViewById(R.id.weatherText2);

                                TextView weatherText3 = (TextView) findViewById(R.id.weatherText3);

                                TextView weatherText4 = (TextView) findViewById(R.id.weatherText4);

                                ImageView weatherImage1 = (ImageView)findViewById(R.id.weatherImage1);

                                ImageView weatherImage2 = (ImageView)findViewById(R.id.weatherImage2);

                                ImageView weatherImage3 = (ImageView)findViewById(R.id.weatherImage3);

                                ImageView weatherImage4 = (ImageView)findViewById(R.id.weatherImage4);

                                ArrayList<ArrayList<String>> allentries=new ArrayList<ArrayList<String>>();

                    ArrayList<String> entry=new ArrayList<String>();

                                String location="";

                                String observedtime="";

                                String temp\_c="";

                                String temp\_f="";

                                String description="";

                                String imgurl="";

                                String date="";

                                String dates[];

                                String windmph="";

                                String inputlocation="";

                                if(isCurrent && latitude != null && latitude != ""){

                                                inputlocation = latitude + "," + longitude;

                                }else{

                                                inputlocation = edittext.getText().toString();

                                }

                                String stringUrl = "<http://api.worldweatheronline.com/free/v1/weather.ashx?q=>"+inputlocation+"&format=json&num\_of\_days=5&key=8k2tdtbxtxpfjmtw8suuycdt";

                                JSONObject objBase = null;

                                try{

                                                                URL url = new URL(stringUrl);

                                                                Scanner scan = new Scanner(url.openStream());

                                                                String str = new String();

                                                    while (scan.hasNext())

                                                        str += scan.nextLine();

                                                    scan.close();

                                                    objBase = new JSONObject(str);

                                                    JSONObject obj = objBase.getJSONObject("data");

                                                    JSONArray locarr = obj.getJSONArray("request");

                                                    JSONArray curarr= obj.getJSONArray("current\_condition");

                                                    //Storing weather description for current day

                                                    location=locarr.getJSONObject(0).getString("query");

                                                //desc.add(location);

                                                temp\_c=curarr.getJSONObject(0).getString("temp\_C");

                                                    temp\_f=curarr.getJSONObject(0).getString("temp\_F");

                                                    observedtime=curarr.getJSONObject(0).getString("observation\_time");

                                                    description=curarr.getJSONObject(0).getJSONArray("weatherDesc").getJSONObject(0).getString("value");//getString(0);

                                                    imgurl=curarr.getJSONObject(0).getJSONArray("weatherIconUrl").getJSONObject(0).getString("value");

                                                    windmph=curarr.getJSONObject(0).getString("windspeedMiles");

                                                    entry.add(location);

                                                    entry.add(temp\_c);

                                                    entry.add(temp\_f);

                                                    entry.add(observedtime.substring(0,5));

                                                    entry.add(description);

                                                    entry.add(imgurl);

                                                    entry.add(windmph);

                                                    allentries.add(entry);

                                                    weatherPlace.setText(location);

                                                    weatherTodayTemp.setText("Temperature: "+temp\_c + " C");

                                                    weatherTodayDesc.setText(description);

                                                    weatherTodayWind.setText("Wind: "+windmph);

                                                    weatherTodayImage.setImageBitmap(getBitmapFromURL(imgurl));

                                                  //To store weather descriptions for the next 4 days

                                                    JSONArray temparr=objBase.getJSONObject("data").getJSONArray("weather");//.getJSONObject("1");

                                                                for(int i=0;i<4;i++)

                                                                {

                                                                                //entry.clear();

                                                                                ArrayList<String> entry1=new ArrayList<String>();

                                                                                JSONObject obj1=temparr.getJSONObject(i+1);

                                                                    date=obj1.getString("date");

                                                                    temp\_c=obj1.getString("tempMaxC");

                                                                                temp\_f=obj1.getString("tempMinC");

                                                                    description=obj1.getJSONArray("weatherDesc").getJSONObject(0).getString("value");

                                                                    imgurl=obj1.getJSONArray("weatherIconUrl").getJSONObject(0).getString("value");

                                                                    windmph=obj1.getString("windspeedMiles");

                                                                    entry1.add(date.substring(5,date.length()));

                                                                    entry1.add(temp\_c);

                                                                    entry1.add(temp\_f);

                                                                    entry1.add(imgurl);

                                                                    entry1.add(description);

                                                                    entry1.add(windmph);

                                                                    allentries.add(entry1);

                                                                }

                                                                for(int i=0;i<4;i++)

                                                    {

                                                                ArrayList<String> entry1=allentries.get(i+1);

                                                                String imageUrl = entry1.get(3);

                                                                    if(i == 0 ){

                                                                                weatherText1.setText(entry1.get(0) + "  " +entry1.get(2) + " C  " +entry1.get(4));

                                                                                weatherImage1.setImageBitmap(getBitmapFromURL(imageUrl));

                                                                    }

                                                                    if(i == 1 ){

                                                                                weatherText2.setText(entry1.get(0) + "  " +entry1.get(2) + " C  " +entry1.get(4));

                                                                                weatherImage2.setImageBitmap(getBitmapFromURL(imageUrl));

                                                                    }

                                                                    if(i == 2 ){

package com.su.newsreader;

import com.su.newsreader.LoginDataBaseAdapter;

import android.app.Activity;

import android.app.Dialog;

import android.app.ProgressDialog;

import android.content.Intent;

import android.os.Bundle;

import android.os.Handler;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class HomeActivity extends Activity

{

                Button btnSignIn,btnSignUp;

                LoginDataBaseAdapter loginDataBaseAdapter;

                @Override

                protected void onCreate(Bundle savedInstanceState)

                {

                     super.onCreate(savedInstanceState);

                     setContentView(R.layout.main);

                     // create a instance of SQLite Database which stores login info

                     loginDataBaseAdapter=new LoginDataBaseAdapter(this);

                     loginDataBaseAdapter=loginDataBaseAdapter.open();

                  // create a instance of SQLite Database which stores favourites

                     // Get The Refference Of Buttons

                     btnSignIn=(Button)findViewById(R.id.buttonSignIN);

                     btnSignUp=(Button)findViewById(R.id.buttonSignUP);

                    // Set OnClick Listener on SignUp button

                    btnSignUp.setOnClickListener(new View.OnClickListener() {

                                public void onClick(View v) {

                                                // TODO Auto-generated method stub

                                                /// Create Intent for SignUpActivity  and Start The Activity

                                                Intent intentSignUP=new Intent(getApplicationContext(),SignUPActivity.class);

                                                startActivity(intentSignUP);

                                                }

                                });

                }

                // Methods to handleClick Event of Sign In Button

                public void signIn(View V)

                   {

                                                final Dialog dialog = new Dialog(HomeActivity.this);

                                                dialog.setContentView(R.layout.login);

                                    dialog.setTitle("Login");

                                    // get the References of views

                                    final  EditText editTextUserName=(EditText)dialog.findViewById(R.id.editTextUserNameToLogin);

                                    final  EditText editTextPassword=(EditText)dialog.findViewById(R.id.editTextPasswordToLogin);

                                                Button btnSignIn=(Button)dialog.findViewById(R.id.buttonSignIn);

                                                // Set On ClickListener

                                                btnSignIn.setOnClickListener(new View.OnClickListener() {

                                                                public void onClick(View v) {

                                                                                // get The User name and Password

                                                                                String userName=editTextUserName.getText().toString();

                                                                                String password=editTextPassword.getText().toString();

                                                                                // fetch the Password form database for respective user name

                                                                                String storedPassword=loginDataBaseAdapter.getSinlgeEntry(userName);

                                                                                // check if the Stored password matches with  Password entered by user

                                                                                if(password.equals(storedPassword))

                                                                                {

                                                                                                MainActivity.isLogedin=true;

                                                                                                MainActivity.username=userName;

                                                                                                Toast.makeText(HomeActivity.this, "Congrats: Login Successfull", Toast.LENGTH\_LONG).show();

                                                                                                dialog.dismiss();

                                                                                                Bundle extras = getIntent().getExtras();

                                                                                                String value="";

                                                                                                if (extras != null)

                                                                                                {

                                                                                                    value = extras.getString("isfavbutton");

                                                                                                }

                                                                                                if(!value.contentEquals("yes"))

                                                                                                {

                                                                                                                loginDataBaseAdapter.insertFavEntry(userName, MainActivity.favimageurl, MainActivity.favtitle, MainActivity.favbody,MainActivity.favsource);

                                                                                                }

                                                 Intent intent=new Intent();

                                                 intent.putExtra("Username",userName);

                                                 setResult(9,intent);

                                                 finish();