Diary Class

package com.example.emily.a362first;

import android.app.ActionBar;

import android.app.Activity;

import android.content.Context;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.support.v7.widget.ScrollingTabContainerView;

import android.view.View;

import android.view.ViewGroup;

import android.widget.ArrayAdapter;

import android.widget.LinearLayout;

import android.widget.ListView;

import android.widget.RelativeLayout;

import android.widget.ScrollView;

import android.widget.TextView;

import android.widget.Toast;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import java.util.ArrayList;

import java.util.List;

import java.util.Scanner;

import static android.R.id.content;

public class Diary extends AppCompatActivity {

// static ListView lv;

static ArrayList<Log> log = new ArrayList<Log>();

static ArrayList<TextView> t = new ArrayList<TextView>();

static ArrayList<String> arrayList;// = new ArrayList<String>();

static ArrayAdapter<String> adapter;

static ArrayList<Integer> arrayList2;

static ArrayAdapter<Integer> adapter2;

//-------------Date-------------

static ArrayList<String> arrayList3;

static ArrayAdapter<String> adapter3;

static int i = 0;

static boolean test = false;

static String food2;

static int cal2;

static String date2;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_diary);

/\*if(test == false)

{

ListView lv = (ListView) findViewById(R.id.listView);

arrayList = new ArrayList<String>();

ListView lv2 = (ListView) findViewById(R.id.ListCal);

arrayList2 = new ArrayList<Integer>();

adapter = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList);

lv.setAdapter(adapter);

adapter2 = new ArrayAdapter<Integer>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList2);

lv2.setAdapter(adapter2);

test = true;

}\*/

/\*}

//@Override

public void OnResume(Bundle savedInstanceState)

{

super.onResume();\*/

Intent intent = getIntent();

String main = intent.getStringExtra("Main");

//if(test == false)

//{

ListView lv = (ListView) findViewById(R.id.listview);

arrayList = new ArrayList<String>();

ListView lv2 = (ListView) findViewById(R.id.ListCal);

arrayList2 = new ArrayList<Integer>();

//------------Date-----------------

ListView lv3 = (ListView) findViewById(R.id.ListDate);

arrayList3 = new ArrayList<String>();

try {

File dir = getFilesDir();

File diary = new File(getFilesDir(), "foodDiary.txt");

Scanner in = new Scanner(diary).useDelimiter("//s\*@@@//s");

int index = 0;

while (in.hasNext()) {

arrayList.add(index, in.next());

arrayList2.add(index, in.nextInt());

arrayList3.add(index, in.next());

index++;

}

}

catch (IOException e)

{

e.printStackTrace();

}

//-------------------

adapter = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList);

lv.setAdapter(adapter);

adapter2 = new ArrayAdapter<Integer>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList2);

lv2.setAdapter(adapter2);

//------------Date-------------

adapter3 = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList3);

lv3.setAdapter(adapter3);

//------------------------------

test = true;

//}

//test = true;

/\*ListView lv = (ListView) findViewById(R.id.listView);

arrayList = new ArrayList<String>();

ListView lv2 = (ListView) findViewById(R.id.ListCal);

arrayList2 = new ArrayList<Integer>();

adapter = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList);

lv.setAdapter(adapter);

adapter2 = new ArrayAdapter<Integer>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList2);

lv2.setAdapter(adapter2);\*/

if(main.equals("yes"))// "yes");// "yes")) {

{

/\*if(test == false) {

test = true;

ListView lv = (ListView) findViewById(R.id.listView);

arrayList = new ArrayList<String>();

adapter = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList);

lv.setAdapter(adapter);

Toast toast = Toast.makeText(getApplicationContext(), "Value: " + test, Toast.LENGTH\_SHORT);

toast.show();

}\*/

//lv.setAdapter(adapter);

String foodName = intent.getStringExtra("Food");

int Calories = intent.getIntExtra("Calories", 0);

//-----------Date------------

String Date = intent.getStringExtra("Date");

//------------------------------

int count = intent.getIntExtra("Count", 0);

Log newLog = new Log(foodName, Calories);

Toast toast = Toast.makeText(getApplicationContext(), "The values are: " + newLog.getFood() + " " + newLog.getCal() + " " + newLog.getLogs(), Toast.LENGTH\_LONG);

toast.show();

}

}

public void Back(View view)

{

Intent intent = new Intent(this, MainActivity.class); //changed from home

setResult(Diary.RESULT\_CANCELED, intent);

finish();

}

public void AddItem(View view)

{

Intent intent = new Intent(this, FoodEntry.class);

startActivityForResult(intent, 1); //1 is the request code

}

@Override

protected void onActivityResult(int requestCode, int resultCode, Intent data)

{

switch (requestCode) {

case 1:

if (resultCode == Activity.RESULT\_OK) {

food2 = FoodEntry.getString(data);

cal2 = FoodEntry.getInt(data);

date2 = FoodEntry.getDate(data);

arrayList.add(food2);

adapter.notifyDataSetChanged();

arrayList2.add(cal2);

adapter2.notifyDataSetChanged();

//---------Date--------------

arrayList3.add(date2);

adapter3.notifyDataSetChanged();

//------------------------

String filename = "fooddiary.txt";

FileOutputStream fos;

try

{

fos = openFileOutput(filename, Context.MODE\_APPEND);

fos.write(food2.getBytes());

fos.write(cal2);

fos.write(date2.getBytes());

fos.close();

}

catch(IOException e)

{

e.printStackTrace();

}

}

if(resultCode == Activity.RESULT\_CANCELED)

{

}

}

}

public void AddList(String food, int Cal)

{

//lv = (ListView)findViewById(R.id.listView);

//arrayList = new ArrayList<String>();

//adapter = new ArrayAdapter<String>(Diary.this, android.R.layout.simple\_list\_item\_1, arrayList);

//lv.setAdapter(adapter);

//arrayList.add(food);

//adapter.notifyDataSetChanged();

}

}

Activity\_diary.xml

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

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

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/myRelativeLayout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context="com.example.emily.a362first.Diary"

android:weightSum="1">

<RelativeLayout

android:layout\_width="62dp"

android:layout\_height="match\_parent"

android:layout\_weight="0.25">

<Button

android:text="Back"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/button3"

android:layout\_weight="1"

android:layout\_alignParentBottom="true"

android:layout\_alignParentStart="true"

android:onClick="Back" />

<Button

android:text="Add"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/button2"

android:layout\_weight="1"

android:layout\_above="@+id/button3"

android:layout\_alignParentStart="true"

android:onClick="AddItem" />

<TextView

android:text="Calories"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView6"

android:layout\_alignParentStart="true"

android:id="@+id/textView7"

android:textSize="20sp" />

<TextView

android:text="Date"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView7"

android:layout\_alignParentStart="true"

android:id="@+id/textView8"

android:textSize="20sp" />

<TextView

android:text="Food"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/textView6"

android:textSize="20sp"

android:layout\_alignParentTop="true"

android:layout\_alignParentStart="true" />

</RelativeLayout>

<ListView

android:layout\_width="82dp"

android:layout\_height="481dp"

android:id="@+id/listview"

android:layout\_weight="0.28" />

<ListView

android:layout\_width="62dp"

android:layout\_height="match\_parent"

android:id="@+id/ListCal"

android:layout\_weight="0.38" />

<ListView

android:layout\_width="77dp"

android:layout\_height="match\_parent"

android:id="@+id/ListDate"

android:layout\_weight="0.70" />

</LinearLayout>

Food Entry

package com.example.emily.a362first;

import android.content.Context;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.Toast;

import java.io.FileOutputStream;

import java.io.IOException;

import java.util.ArrayList;

public class FoodEntry extends AppCompatActivity {

public static final String EXTRA\_MESSAGE = "com.example.myfirstapp.MESSAGE";

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_food\_entry);

Intent intent = getIntent();

}

public void SaveData(View view) {

EditText Food = (EditText) findViewById(R.id.editText);

String food = Food.getText().toString();

EditText Cal = (EditText) findViewById(R.id.editText2);

String cal = Cal.getText().toString();

int calories = Integer.parseInt(cal);

//------Date------------

EditText Date = (EditText) findViewById(R.id.editText3);

String date = Date.getText().toString();

//Toast toast = Toast.makeText(getApplicationContext(), "The values are: " + newLog.getFood() + " " + newLog.getCal() + " " + newLog.getLogs(), Toast.LENGTH\_LONG);

//toast.show();

int num = 1;

Intent intent = new Intent(this, Diary.class);

intent.putExtra("Main", "yes");

intent.putExtra("Food", food);

intent.putExtra("Calories", calories);

//------------Date----------

intent.putExtra("Date", date);

//---------------------------

intent.putExtra("Count", num);

setResult(Diary.RESULT\_OK, intent);

finish();

//startActivity(intent);

num++;

}

public void Cancel(View view) {

Intent intent = new Intent(this, Diary.class);

setResult(Diary.RESULT\_CANCELED, intent);

finish();

}

public static String getString(Intent intent) {

return intent.getStringExtra("Food");

}

public static int getInt(Intent intent) {

return intent.getIntExtra("Calories", 0);

}

//-------------Date-----------

public static String getDate(Intent intent)

{

return intent.getStringExtra("Date");

}

}

/\*@Override

public void onActivityResult(int requestCode, int resultCode, Intent data) {

super.onActivityResult(requestCode, resultCode, data);

switch(requestCode) {

case (MY\_CHILD\_ACTIVITY) : {

if (resultCode == Diary.RESULT\_OK) {

// TODO Extract the data returned from the child Activity.

String returnValue = data.getStringExtra("some\_key");

}

break;

}

}

}\*/

activity\_food\_entry.xml

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

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

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/activity\_main"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context="com.example.emily.a362first.FoodEntry">

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:inputType="textPersonName"

android:ems="10"

android:id="@+id/editText"

android:layout\_alignParentTop="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true" />

<TextView

android:text="Food Name:"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentTop="true"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:id="@+id/textView"

android:layout\_alignBottom="@+id/editText"

android:layout\_toLeftOf="@+id/editText"

android:layout\_toStartOf="@+id/editText"

android:textSize="24sp" />

<TextView

android:text="Calories:"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:id="@+id/textView2"

android:layout\_toStartOf="@+id/editText"

android:textSize="24sp"

android:layout\_toLeftOf="@+id/editText"

android:layout\_alignBottom="@+id/editText2" />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:inputType="number"

android:ems="10"

android:layout\_below="@+id/editText"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true"

android:id="@+id/editText2" />

<Button

android:text="Save"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_alignParentRight="true"

android:layout\_alignParentEnd="true"

android:id="@+id/button"

android:onClick="SaveData" />

<Button

android:text="Cancel"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignTop="@+id/button"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:id="@+id/cancel"

android:onClick="Cancel" />

<TextView

android:text="Date: "

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView2"

android:layout\_alignParentStart="true"

android:id="@+id/textView5"

android:textSize="24sp"

android:layout\_toStartOf="@+id/editText2" />

<EditText

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:inputType="textPersonName"

android:ems="10"

android:layout\_below="@+id/textView2"

android:layout\_alignParentEnd="true"

android:id="@+id/editText3" />

</RelativeLayout>