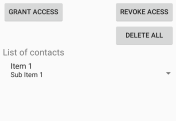
Selecting a subset of contacts

Importante: Agregue folder “files



*<?***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: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.tdal6392.busqueda.GrantAccess"**>  
  
  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Grant Access"  
 android:id="@+id/btnADD"  
 android:layout\_alignParentStart="true"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Revoke Acess"  
 android:id="@+id/btnRevoke"  
 android:layout\_alignBottom="@+id/btnADD"  
 android:layout\_alignParentEnd="true"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Delete All"  
 android:id="@+id/btnDelete"  
 android:layout\_below="@+id/btnRevoke"  
 android:layout\_alignStart="@+id/btnRevoke"  
 android:layout\_alignEnd="@+id/btnRevoke"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:text="List of contacts"  
 android:id="@+id/textView2"  
 android:layout\_below="@+id/btnDelete"  
 android:layout\_alignParentStart="true"** />  
  
 <**Spinner  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/spinner"  
 android:layout\_below="@+id/textView2"  
 android:layout\_alignParentEnd="true"** />  
  
</**RelativeLayout**>

**import** android.content.ContentResolver;  
**import** android.content.Context;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.net.Uri;  
**import** android.provider.ContactsContract;  
**import** android.support.v7.app.AlertDialog;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.Spinner;  
**import** android.widget.Toast;  
**import** java.io.BufferedReader;  
**import** java.io.FileOutputStream;  
**import** java.io.IOException;  
**import** java.io.InputStreamReader;  
**import** java.util.ArrayList;  
  
**public class** GrantAccess **extends** AppCompatActivity {  
  
 **static final int *PICK\_CONTACT\_REQUEST*** = 1;  
 String **FILE\_NAME** = **"ALLOW.txt"**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_grant\_access***);  
 LoadSpinner(**""**,**""**,0);  
  
 HandleClick handleClick = **new** HandleClick();  
 findViewById(R.id.***btnADD***).setOnClickListener(handleClick);  
 findViewById(R.id.***btnRevoke***).setOnClickListener(handleClick);  
 findViewById(R.id.***btnDelete***).setOnClickListener(handleClick);  
 }  
  
  
 **private class** HandleClick **implements** View.OnClickListener {  
  
 **public void** onClick(View view) {  
 **switch** (view.getId()) {  
  
 **case** R.id.***btnDelete***:  
  
 **new** AlertDialog.Builder(GrantAccess.**this**)  
 .setMessage(**"Are you Sure to Delete Allt?"**)  
 .setCancelable(**false**)  
 .setPositiveButton(**"Yes"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
  
 Spinner spin1 = (Spinner) findViewById(R.id.***spinner***);  
 spin1.setAdapter(**null**);  
 WriteFile(**""**);  
 }  
 })  
 .setNegativeButton(**"No"**, **null**)  
 .show();  
 **break**;  
  
 **case** R.id.***btnRevoke***:  
  
 Spinner spinner = (Spinner)findViewById(R.id.***spinner***);  
 **final** String text = spinner.getSelectedItem().toString();  
  
 **new** AlertDialog.Builder(GrantAccess.**this**)  
 .setMessage(**"Are you Sure to Delete "**+text+**"?"**)  
 .setCancelable(**false**)  
 .setPositiveButton(**"Yes"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
  
 **int** pos1 = text.indexOf(**" "**);  
 String text3 = text.substring(0,pos1);  
 text3 = text3.replace(**" "**,**""**);  
 *//Toast.makeText(getApplicationContext(), "Revoking "+ text, Toast.LENGTH\_LONG).show();* LoadSpinner(text3,text,2);  
  
 }  
 })  
 .setNegativeButton(**"No"**, **null**)  
 .show();  
  
 **break**;  
  
 **case** R.id.***btnADD***:  
 Intent pickContactIntent = **new** Intent(Intent.***ACTION\_PICK***, Uri.*parse*(**"content://contacts"**));  
 pickContactIntent.setType(ContactsContract.CommonDataKinds.Phone.***CONTENT\_TYPE***);  
 *// Show user only contacts w/ phone numbers* startActivityForResult(pickContactIntent, ***PICK\_CONTACT\_REQUEST***);  
 **break**;  
 }  
 }  
 }  
  
  
 @Override  
 **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {  
  
 **if** (requestCode == ***PICK\_CONTACT\_REQUEST***) {  
 **if** (resultCode == ***RESULT\_OK***) {  
  
 *// Get the URI that points to the selected contact* Uri contactUri = data.getData();  
 String[] projection = {ContactsContract.CommonDataKinds.Phone.***NUMBER***};  
  
 **try** {  
 Cursor cursor = getContentResolver().query(contactUri, projection, **null**, **null**, **null**);  
 cursor.moveToFirst();  
  
 **int** phoneIndex = cursor.getColumnIndex(ContactsContract.CommonDataKinds.Phone.***NUMBER***);  
  
 String numTele = cursor.getString(phoneIndex);  
 **if** (numTele!=**""** && numTele!=**null**) {  
  
 numTele = numTele.replace(**" "**, **""**);  
 numTele = numTele.replace(**"+503"**, **""**);  
  
 LoadSpinner(numTele, **""**,1);  
 }  
  
 } **catch** (Exception e) {  
 Toast.*makeText*(getApplicationContext(), e.toString(),  
 Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 }  
 }  
  
  
 *// GET CONTACT NAME  
 //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\** **public static** String getContactName(Context context, String phoneNumber) {  
 ContentResolver cr = context.getContentResolver();  
 Uri uri = Uri.*withAppendedPath*(ContactsContract.PhoneLookup.***CONTENT\_FILTER\_URI***, Uri.*encode*(phoneNumber));  
 Cursor cursor = cr.query(uri, **new** String[]{ContactsContract.PhoneLookup.***DISPLAY\_NAME***}, **null**, **null**, **null**);  
 **if** (cursor == **null**) {  
 **return ""**;  
 }  
 String contactName = **null**;  
 **if** (cursor.moveToFirst()) {  
 contactName = cursor.getString(cursor.getColumnIndex(ContactsContract.PhoneLookup.***DISPLAY\_NAME***));  
 }  
  
 **if** (cursor != **null** && !cursor.isClosed()) {  
 cursor.close();  
 }  
  
 **if** (contactName == **null**) contactName = **""**;  
 **return** contactName;  
 }  
  
  
 *// READ FILE  
 //\*\*\*\*\*\*\*\*\*\*\** **public void** LoadSpinner(String NumTel, String Contacto, **int** opcion) {  
  
 *// 0 - READ  
 // 1 - ADD  
 // 2 - REVOKE* ArrayList<String> telefonos = **new** ArrayList<String>();  
 String Lista = **""**;  
 String Lista2 = **""**;  
  
 **try** {  
 BufferedReader bReader = **new** BufferedReader(**new** InputStreamReader(openFileInput(**FILE\_NAME**)));  
 String line;  
 StringBuffer text = **new** StringBuffer();  
 **while** ((line = bReader.readLine()) != **null**) {  
  
 Lista2 = Lista2+line+**"-"**;  
  
 Boolean OK = **true**;  
 **if** (line.equals(NumTel)) {  
  
 *// REVOKE ONE* **if** (opcion ==2)  
 {  
 Toast.*makeText*(getApplicationContext(), **"Revoking "**+Contacto, Toast.***LENGTH\_LONG***).show();  
 OK = **false**;  
 }  
  
 *// ADD NEW ONE* **if** (opcion ==1) {  
 Toast.*makeText*(getApplicationContext(), **"Contact is Already in List"**, Toast.***LENGTH\_LONG***).show();  
 opcion = 0; *// don't insert a new one, just load again spinner* }  
 }  
  
 **if** (OK)  
 {  
 Lista = Lista + line + **"\n"**;  
 String Referencia1 = line + **' '** + *getContactName*(getApplicationContext(), line);  
 telefonos.add(Referencia1.toString());  
 }  
 }  
  
 **if** (opcion == 1) {  
 Lista = Lista + NumTel+**"\n"**;  
 String Referencia1 = NumTel + **' '** + *getContactName*(getApplicationContext(), NumTel);  
 telefonos.add(Referencia1.toString());  
 Toast.*makeText*(getApplicationContext(), **"Added "**+ Referencia1, Toast.***LENGTH\_LONG***).show();  
 }  
  
 } **catch** (IOException e) {  
 e.printStackTrace();  
 *// FILE DOESNT EXIST  
 //Toast.makeText(getBaseContext(), e.toString(), Toast.LENGTH\_LONG).show();* }  
  
 **if** (Lista != **""**) {  
 *//Toast.makeText(getBaseContext(), Lista2.toString(), Toast.LENGTH\_LONG).show();* ArrayAdapter<String> tel2 =  
 **new** ArrayAdapter<String>(**this**, android.R.layout.***simple\_spinner\_item***, telefonos);  
  
 tel2.notifyDataSetChanged();  
  
 Spinner spin1 = (Spinner) findViewById(R.id.***spinner***);  
 spin1.setAdapter(tel2);  
 }  
 **if** (opcion !=0) WriteFile(Lista);  
 }  
  
  
 *// WRITE FILE  
 //\*\*\*\*\*\*\*\*\*\*\** **public void** WriteFile(String Lista) {  
 **try** {  
 FileOutputStream fos = openFileOutput(**FILE\_NAME**, Context.***MODE\_PRIVATE***);  
 fos.write(Lista.toString().getBytes());  
 fos.close();  
 } **catch** (Exception e) {  
 e.printStackTrace();  
 }  
 }  
}

SI DE UNA ACTIVIDAD LA LLAMA

Intent intent = **new** Intent(MainActivity.**this**, GrantAccess.**class**);  
MainActivity.**this**.startActivity(intent);

MANIFEST

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.tdal6392.busqueda"**>  
  
 <**uses-permission android:name="android.permission.ACCESS\_COARSE\_LOCATION"** />  
 <**uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION"** />

<**uses-permission android:name="android.permission.RECEIVE\_SMS"** />  
 <**uses-permission android:name="android.permission.READ\_SMS"** />  
 <**uses-permission android:name="android.permission.SEND\_SMS"** />

<**uses-permission android:name="android.permission.READ\_CONTACTS"** />

<**uses-permission android:name="android.permission.RECEIVE\_BOOT\_COMPLETED"** />

<uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE" />

<uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE" />

<**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="Locate Device"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme"**>  
  
 <**activity  
 android:name=".MainActivity"  
 android:configChanges="orientation"  
 android:label="Locate Device"  
 android:screenOrientation="portrait"  
 android:theme="@style/AppTheme.NoActionBar"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
  
 <**activity  
 android:name=".GrantAccess"  
 android:label="Grant Access"  
 android:screenOrientation="portrait"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
 <**category android:name="android.intent.category.DEFAULT"** />  
 </**intent-filter**>  
 </**activity**>  
  
 <**service android:name=".ServiceCommunicator"** />  
  
 <**receiver  
 android:name=".BootUpReceiver"  
 android:enabled="true"  
 android:permission="android.permission.RECEIVE\_BOOT\_COMPLETED"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.BOOT\_COMPLETED"** />  
  
 <**category android:name="android.intent.category.DEFAULT"** />  
 </**intent-filter**>  
 </**receiver**>  
  
 </**application**>  
  
</**manifest**>