App2

public class SinhVien {

private int id;

private String name;

private String class\_name;

private String subject;}

public class MainActivity extends AppCompatActivity {

ListView listView;

ArrayAdapter adapter;

ArrayList arrayList = new ArrayList();

TextView txtid;

EditText edtname, edtclass, edtsubject;

Button btnthem, btnsua, btnxoa;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

listView = findViewById(R.id.lvlop);

txtid = findViewById(R.id.txtid);

edtname = findViewById(R.id.edtname);

edtclass = findViewById(R.id.edtclass);

edtsubject = findViewById(R.id.edtsubject);

btnthem = findViewById(R.id.btnthem);

btnsua = findViewById(R.id.btnsua);

btnxoa = findViewById(R.id.btnxoa);

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

loadConten();

listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {

SinhVien sinhVien = (SinhVien) arrayList.get(i);

txtid.setText(String.valueOf(sinhVien.getId()));

edtname.setText(sinhVien.getName());

edtclass.setText(sinhVien.getClass\_name());

edtsubject.setText(sinhVien.getSubject());

}

});

listView.setOnItemLongClickListener(new AdapterView.OnItemLongClickListener() {

@Override

public boolean onItemLongClick(AdapterView<?> adapterView, View view, int i, long l) {

AlertDialog.Builder builder = new AlertDialog.Builder(MainActivity.this);

builder.setTitle("Xoa sinh vien");

builder.setMessage("Xac nhan xoa");

builder.setPositiveButton("Ok", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

SinhVien sinhVien = new SinhVien(Integer.parseInt(txtid.getText().toString()), edtname.getText().toString(), edtclass.getText().toString(), edtsubject.getText().toString());

delete(sinhVien);

}

});

builder.setNegativeButton("No", new DialogInterface.OnClickListener() {

@Override

public void onClick(DialogInterface dialogInterface, int i) {

}

});

builder.show();

// AlertDialog dialog = builder.create();

// dialog.show();

return false;

}

});

btnthem.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

SinhVien sinhVien = new SinhVien(Integer.parseInt(txtid.getText().toString()), edtname.getText().toString(), edtclass.getText().toString(), edtsubject.getText().toString());

insert(sinhVien);

}

});

btnsua.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

SinhVien sinhVien = new SinhVien(Integer.parseInt(txtid.getText().toString()), edtname.getText().toString(), edtclass.getText().toString(), edtsubject.getText().toString());

update(sinhVien);

}

});

btnxoa.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

SinhVien sinhVien = new SinhVien(Integer.parseInt(txtid.getText().toString()), edtname.getText().toString(), edtclass.getText().toString(), edtsubject.getText().toString());

delete(sinhVien);

}

});

}

public void insert(SinhVien sinhVien){

ContentResolver resolver = getContentResolver();

Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien?name="+sinhVien.getName()+"&class="+sinhVien.getClass\_name()+"&subject="+sinhVien.getSubject()+"#2");

resolver.query(uri,null, null, null, null);

loadConten();

}

public void update(SinhVien sinhVien){

ContentResolver resolver = getContentResolver();

Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien?id="+sinhVien.getId()+"&name="+sinhVien.getName()+"&class="+sinhVien.getClass\_name()+"&subject="+sinhVien.getSubject()+"#3");

resolver.query(uri,null, null, null, null);

loadConten();

}

public void delete(SinhVien sinhVien){

ContentResolver resolver = getContentResolver();

Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien?id="+sinhVien.getId()+"#4");

resolver.query(uri,null, null, null, null);

loadConten();

}

public void loadConten(){

ContentResolver resolver = getContentResolver();

// Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien/#1");

Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien?name=AnhTu&tuoi=22#1");

// Uri uri = Uri.parse("content://com.example.app1.SV/SinhVien?id=123#2");

Cursor cursor = resolver.query(uri,null, null, null, null);

Toast.makeText(this, cursor.getCount()+"", Toast.LENGTH\_SHORT).show();

arrayList.clear();

while (cursor.moveToNext()){

SinhVien sinhVien = new SinhVien(cursor.getInt(0), cursor.getString(1), cursor.getString(2), cursor.getString(3));

arrayList.add(sinhVien);

}

Collections.reverse(arrayList);

listView.setAdapter(adapter);

adapter.notifyDataSetChanged();

}

}

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

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

package="com.example.app2">

<uses-permission android:name="com.example.app1.W"/>

<uses-permission android:name="com.example.app1.R"/>

<application

android:allowBackup="true"

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

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

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true"

android:theme="@style/AppTheme">

<activity android:name=".MainActivity">

<intent-filter>

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

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

</intent-filter>

</activity>

</application>

</manifest>