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Subject:Mobile Computing

Sessional -2

Display.java:

package com.marraige;

import android.app.Activity;

import android.content.Context;

import android.content.Intent;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

import android.widget.Toast;

public class display extends Activity {

/\*\* Called when the activity is first created. \*/

SQLiteDatabase my\_database;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.second);

createDatabase();

display\_records();

final Button manipulate\_records=(Button)findViewById(R.id.button1);

manipulate\_records.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent = new Intent(getApplicationContext(),MarraigeRegistrationActivity.class);

startActivity(intent);

}

});

}

public void createDatabase() {

my\_database=openOrCreateDatabase("MarraigeTable",Context.MODE\_PRIVATE, null);

my\_database.execSQL("CREATE TABLE IF NOT EXISTS MARRIAGE(id INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL, bride VARCHAR,groom VARCHAR);");

Toast.makeText(getApplicationContext(),"Table created successfully!",10000).show();

}

public void display\_records(){

final TextView t = (TextView)findViewById(R.id.textView2);

Cursor c = my\_database.query("MARRIAGE", null, null, null, null, null, null);

if(c != null){

String record="";

c.moveToFirst();

do

{

record=record+c.getString(0)+"\t"+c.getString(1)+"\t"+c.getString(2)+"\n";

}while(c.moveToNext());

t.setText(record);

}

}

}

MarraigeRegistrationActivity.java

package com.marraige;

import android.app.Activity;

import android.content.ContentValues;

import android.content.Context;

import android.content.Intent;

import android.database.sqlite.SQLiteDatabase;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class MarraigeRegistrationActivity extends Activity {

/\*\* Called when the activity is first created. \*/

SQLiteDatabase my\_database;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.main);

createDatabase();

final Button add\_record=(Button)findViewById(R.id.button1);

add\_record.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

insertData();

}

});

final Button delete\_record=(Button)findViewById(R.id.button2);

delete\_record.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

deleteData();

}

});

final Button update\_record=(Button)findViewById(R.id.button3);

update\_record.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

updateData();

}

});

final Button display\_record=(Button)findViewById(R.id.button4);

display\_record.setOnClickListener(new View.OnClickListener() {

public void onClick(View v) {

Intent intent = new Intent(getApplicationContext(),display.class);

Toast.makeText(getApplicationContext(), "display pressed!", 100000).show();

startActivity(intent);

}

});

}

public void createDatabase() {

my\_database=openOrCreateDatabase("MarraigeTable",Context.MODE\_PRIVATE, null);

my\_database.execSQL("CREATE TABLE IF NOT EXISTS MARRIAGE(id INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL, bride VARCHAR,groom VARCHAR);");

Toast.makeText(getApplicationContext(),"Table created successfully!",10000).show();

}

public void insertData()

{

final EditText e1=(EditText)findViewById(R.id.editText2);

String bride=e1.getText().toString();

final EditText e2=(EditText)findViewById(R.id.editText3);

String groom=e2.getText().toString();

ContentValues record = new ContentValues();

record.put("bride",bride);

record.put("groom", groom);

long id = my\_database.insert("MARRIAGE", null, record);

Toast.makeText(getApplicationContext(), id+"", 100000).show();

}

public void updateData()

{

final EditText e3=(EditText)findViewById(R.id.editText1);

String id=e3.getText().toString();

final EditText e1=(EditText)findViewById(R.id.editText2);

String bride=e1.getText().toString();

final EditText e2=(EditText)findViewById(R.id.editText3);

String groom=e2.getText().toString();

ContentValues record = new ContentValues();

record.put("bride",bride);

record.put("groom", groom);

my\_database.update("MARRIAGE", record, "id=?", new String[]{id});

Toast.makeText(getApplicationContext(), "Record updated successfully!", 100000).show();

}

private void deleteData() {

final EditText e1=(EditText)findViewById(R.id.editText1);

String id=e1.getText().toString();

my\_database.delete("MARRIAGE", "id=?", new String[]{id});

Toast.makeText(getApplicationContext(), "Record deleted!", 100000);

}

}

Main.xml

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

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

android:orientation=*"vertical"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"fill\_parent"*

>

<TextView

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"*

android:text=*"@string/hello"*

/>

<TextView android:text=*"Enter ID:"* android:id=*"@+id/textView1"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></TextView>

<EditText android:layout\_height=*"wrap\_content"* android:id=*"@+id/editText1"* android:layout\_width=*"match\_parent"* android:inputType=*"textPersonName"* android:hint=*"enter ID...."*>

<requestFocus></requestFocus>

</EditText>

<TextView android:text=*"Enter bride name:"* android:id=*"@+id/textView2"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></TextView>

<EditText android:layout\_height=*"wrap\_content"* android:id=*"@+id/editText2"* android:layout\_width=*"match\_parent"* android:inputType=*"textPersonName"* android:hint=*"enter bride name"*></EditText>

<TextView android:text=*"Enter groom name:"* android:id=*"@+id/textView3"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></TextView>

<EditText android:layout\_height=*"wrap\_content"* android:id=*"@+id/editText3"* android:layout\_width=*"match\_parent"* android:inputType=*"textPersonName"* android:hint=*"enter groom name:"*></EditText>

<Button android:text=*"Add record"* android:id=*"@+id/button1"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></Button>

<Button android:text=*"Delete record"* android:id=*"@+id/button2"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></Button>

<Button android:text=*"Update record"* android:id=*"@+id/button3"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></Button>

<Button android:text=*"Display records"* android:id=*"@+id/button4"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></Button>

</LinearLayout>

Second.xml:

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

<LinearLayout

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

android:orientation=*"vertical"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"match\_parent"* android:weightSum=*"1"*>

<TextView android:text=*"Records"* android:id=*"@+id/textView1"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></TextView>

<TextView android:layout\_height=*"wrap\_content"* android:text=*"TextView"* android:id=*"@+id/textView2"* android:layout\_weight=*"0.65"* android:layout\_width=*"match\_parent"*></TextView>

<Button android:text=*"manipulate records"* android:id=*"@+id/button1"* android:layout\_width=*"wrap\_content"* android:layout\_height=*"wrap\_content"*></Button>

</LinearLayout>

AndriodManifest.java

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

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

package=*"com.marraige"*

android:versionCode=*"1"*

android:versionName=*"1.0"*>

<uses-sdk android:minSdkVersion=*"8"* />

<application android:icon=*"@drawable/icon"* android:label=*"@string/app\_name"*>

<activity android:name=*".MarraigeRegistrationActivity"*

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=*".display"*

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

<intent-filter>

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

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

</intent-filter>

</activity>

</application>

</manifest>



