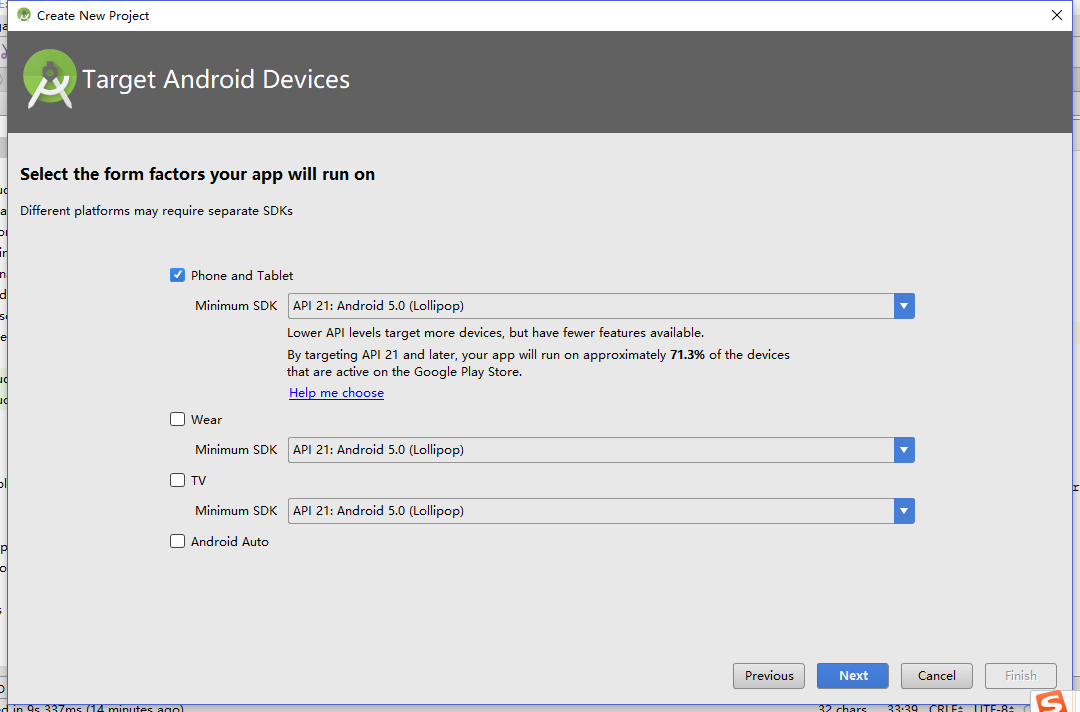
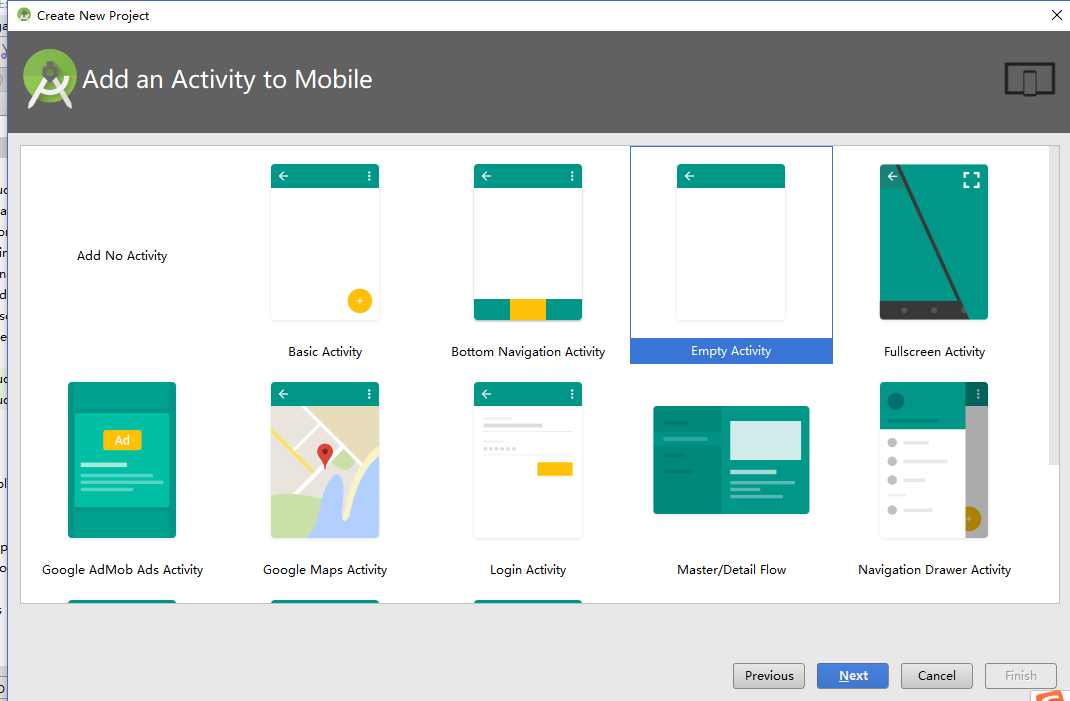
2017短学期项目实践详细报告

**实践课题：“个人助理APP”开发实践；**

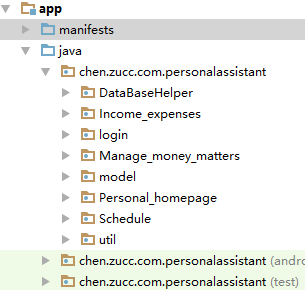
1. 创建工程

使用Android Studio创建包名为 chen.zucc.com.personalassistant的工程项目并选择API25 适配Android 5.0及以上版本，并选择Empty Activity作为起始主页加载完成工程；





接着在已有工程文件目录下创建以下8个子文件夹：



个人助理APP主要实现3大功能需求：个人日程的记录与展示；账本收支记录；用户投资收益获取；除去以上3大功能点以外还需用户主页的展示、地图定位相关及设置功能的实现所以定义以上8个子文件目录。

其中DataBaseHelper用于存放SQLite数据库相关公共工具类；

Income\_expenses用于存放账本收支情况相关界面对应公共类；

Login用于存放登录注册相关界面对应公共类；

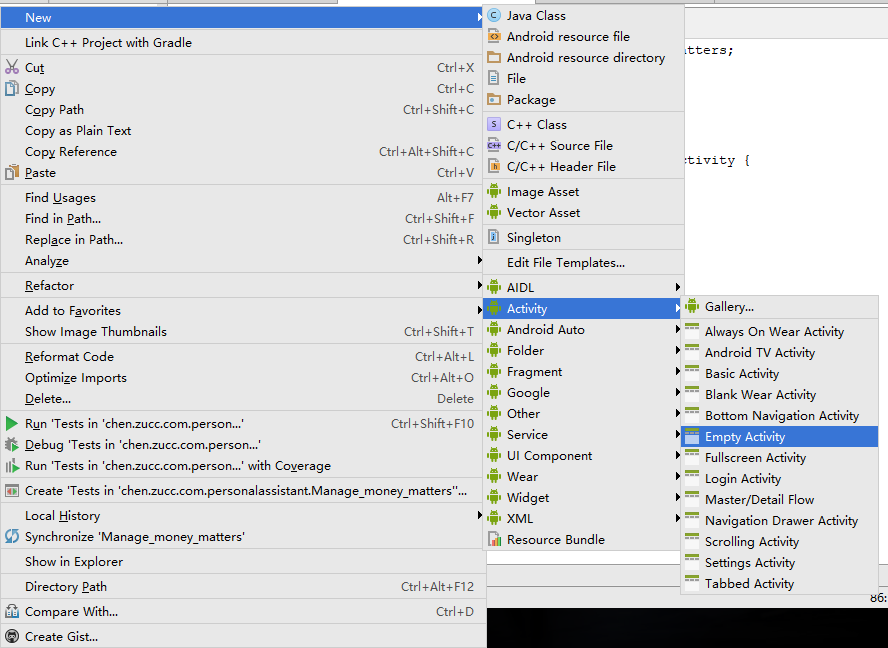
Manager\_money\_matters用于存放用户投资收益相关界面对应公共类；

Model用于存放SQLite数据存取工具类；

Personal\_homepage用于存放用户个人主页相关相关界面对应公共类；

Schedule用于存放日程记录相关相关界面对应公共类；

Util用于存放工程中可重用工具类；



随后并以如图所示方法在Income\_expenses，Manager\_money\_matters，Personal\_homepage，Schedule子目录下创建Income\_expensesActivity、Manager\_money\_mattersActivity、homepage、ScheduleActivity。并在AndroidManifest.xml中定义homepage为应用起始页；

接着在DataBaseHelper子目录下添加DataBaseHelper.java实现对数据库的创建与SQLite表单的撰写；

PersonalAssistant.db //数据库名

本地数据库共使用5张表单实现数据存储：

CREATE\_Login //登录表

CREATE\_Schedule //日程表

CREATE\_Income //记账本

CREATE\_Money //收益表

CREATE\_SortMoney //总收益

**数据库创建完整代码：**

**public class** DataBaseHelper **extends** SQLiteOpenHelper {  
  
 **public static final** String ***COLUMN\_NAME\_NOTE\_DATE*** = **"date"**;  
 **public static final** String ***TABLE\_NAME\_NOTES*** = **"notes"**;  
 **public static final** String ***COLUMN\_NAME\_ID*** = **"\_id"**;  
 **public static final** String ***COLUMN\_NAME\_NOTE\_NAME*** = **"name"**;  
 **public static final** String ***COLUMN\_NAME\_NOTE\_CONTENT*** = **"content"**;  
  
 **public** DataBaseHelper(Context context) {  
 **super**(context, **"PersonalAssistant"**, **null**, 1);  
 }  
  
  
 **public static final** String ***CREATE\_Login*** = **"create table Login("** + **"id integer primary key autoincrement,"** + **"Login\_UserName text UNIQUE,"** + **"Login\_Password text )"**;  
  
 **public static final** String ***CREATE\_Schedule*** = **"create table Schedule("** + **"id integer primary key autoincrement,"** + **"Schedule\_details text ,"** *//日程详情* + **"Schedule\_begintime text ,"** *//开始时间* + **"Schedule\_beginschedule text,"** *//开始日期* + **"Schedule\_endtime text,"** + **"Schedule\_priority integer , "** *//优先级* + **"Schedule\_classes integer ,"** *//类别* + **"Schedule\_remark text,"** *//备注* + **"Schedule\_state integer"** + **"Schedule\_picture text)"**;  
  
 **public static final** String ***CREATE\_Income*** = **"create table Income("** + **"id integer primary key autoincrement,"** + **"Income\_income real ,"** + **"Income\_expense real ,"** + **"Income\_classes text ,"** + **"Income\_time text )"**;  
  
 **public static final** String ***CREATE\_SortIncome*** = **"create table SortIncome("** + **"id integer primary key autoincrement,"** + **"SortIncome\_money real,"** + **"SortIncome\_expense real,"** + **"SortIncome\_income real)"**;  
  
 **public static final** String ***CREATE\_Money*** = **"create table Money("** + **"id integer primary key autoincrement,"** + **"Money\_asset real ,"** + **"Money\_assetName text,"** + **"Money\_yield real ,"** *//收益率* + **"Money\_beginDate text ,"** + **"Money\_endDate text ,"** + **"Money\_remark text,"** + **"Money\_state integer,"** *//定期状态* + **"Money\_anticipated\_income real,"** *//预期收益* + **"Money\_accumulated\_income real)"**; *//累计收益* **public static final** String ***CREATE\_SortMoney*** = **"create table SortMoney("** + **"id integer primary key autoincrement,"** + **"SortMoney\_money real default 0,"** *//投资金额* + **"SortMoney\_income real default 0,"** *//待收收益* + **"SortMoney\_capital real default 0,"** *//累计收益* + **"SortMoney\_state integer)"**;  
  
  
 **private** Context **mContext**;  
  
 **public** DataBaseHelper(Context context, String name, SQLiteDatabase.CursorFactory factory, **int** version) {  
 **super**(context, name, factory, version);  
 **mContext** = context;  
 }  
  
 @Override  
 **public void** onCreate(SQLiteDatabase db) {  
  
 db.execSQL(***CREATE\_Login***);  
 db.execSQL(***CREATE\_Schedule***);  
 db.execSQL(***CREATE\_Income***);  
 db.execSQL(***CREATE\_SortIncome***);  
 db.execSQL(***CREATE\_Money***);  
 db.execSQL(***CREATE\_SortMoney***);  
  
 Toast.*makeText*(**mContext**, **"Create DataBase succeeded"**, Toast.***LENGTH\_SHORT***).show();  
 }  
  
 @Override  
 **public void** onUpgrade(SQLiteDatabase db, **int** oldVersion, **int** newVersion) {  
 db.execSQL(**"drop table if exists Login"**);  
 db.execSQL(**"drop table if exists Schedule"**);  
 db.execSQL(**"drop table if exists Income"**);  
 db.execSQL(**"drop table if exists SortIncome"**);  
 db.execSQL(**"drop table if exists Money"**);  
 db.execSQL(**"drop table if exists SortMoney"**);  
 onCreate(db);  
  
 }  
  
}

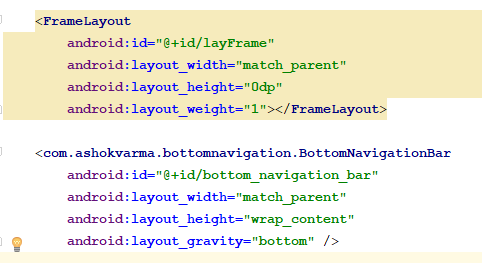
1. 设定底部导航栏



为实现以上的底部导航栏效果，首先需要在Gradle.app中添加第三方控件包

**'com.ashokvarma.android:bottom-navigation-bar:1.4.3'**

再在四个主要页面中添加相关控件引用



并用FrameLayout将其强制放置于界面底部；

并在四个主要界面类中添加以下代码支持：

**private** BottomNavigationBar **bottomNavigationBar**;

bottomNavigationBar  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_schedule***, **"日程安排"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_bill***, **"账本记录"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_managemoney***, **"财富管理"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_person***, **"个人主页"**).setActiveColorResource(R.color.***blue***))  
  
 .setFirstSelectedPosition(**lastSelectedPosition**)  
 .setBackgroundStyle(BottomNavigationBar.***BACKGROUND\_STYLE\_STATIC***)  
 .initialise();  
bottomNavigationBar.setTabSelectedListener(**this**);  
  
ButterKnife.*bind*(**this**);

**public void** onTabSelected(**int** position) {  
 **lastSelectedPosition** = position;  
 **switch** (position) {  
 **case** 0:  
 Intent intent0 = **new** Intent(**this**, ScheduleActivity.**class**);  
 **this**.startActivity(intent0);  
 **break**;  
  
 **case** 1:  
 Intent intent1 = **new** Intent(**this**, Income\_expensesActivity.**class**);  
 **this**.startActivity(intent1);  
 **break**;  
  
 **case** 2:  
 Intent intent2 = **new** Intent(**this**, Manager\_money\_mattersActivity.**class**);  
 **this**.startActivity(intent2);  
 **break**;  
  
 **case** 3:  
 Intent intent3 = **new** Intent(**this**, homepage.**class**);  
 **this**.startActivity(intent3);  
 **break**;  
 }  
  
}  
  
@Override  
**public void** onTabUnselected(**int** position) {  
  
}  
  
@Override  
**public void** onTabReselected(**int** position) {  
  
}

最后在其上添加状态定制码

**int lastSelectedPosition** = 3;

其中0——3分别表示点击事件后导航栏所显示的图标的位置；

1. 登录注册界面

按以上方法在Login子目录下创建两个Activity文件分别为Login与Register，并在Gradle中加入以下支持包：

compile **'com.android.support:design:25.3.1'**

compile **'com.jakewharton:butterknife-compiler:8.5.1'**compile **'com.jakewharton:butterknife:8.5.1'**

Login界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#eeeeee"  
 tools:context="chen.zucc.com.personalassistant.login.LoginActivity"**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cv"  
 android:layout\_width="300dp"  
 android:layout\_height="300dp"  
 android:layout\_centerInParent="true"  
 app:cardBackgroundColor="#ffffff"  
 app:cardCornerRadius="6dp"  
 app:cardElevation="2dp"  
 app:cardUseCompatPadding="true"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="45dp"  
 android:layout\_marginTop="10dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_marginStart="50dp"  
 android:text="@string/login"  
 android:textColor="@color/blue"  
 android:textSize="20sp"  
 android:textStyle="bold"** />  
 </**RelativeLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="10dp"  
 android:orientation="horizontal"  
 android:paddingEnd="30dp"  
 android:paddingStart="50dp"**>  
  
 <**android.support.design.widget.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColorHint="#c5c5c5"  
 android:theme="@style/TextLabel1"**>  
  
 <**EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/selector\_bg\_edit"  
 android:hint="@string/Username"  
 android:inputType="textPersonName"  
 android:paddingBottom="2dp"  
 android:textColor="@color/blue"  
 android:textSize="16sp"** />  
 </**android.support.design.widget.TextInputLayout**>  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:orientation="horizontal"  
 android:paddingEnd="30dp"  
 android:paddingStart="50dp"**>  
  
 <**android.support.design.widget.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColorHint="#c5c5c5"  
 android:theme="@style/TextLabel1"**>  
  
 <**EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/selector\_bg\_edit"  
 android:hint="@string/Password"  
 android:inputType="textPassword"  
 android:paddingBottom="2dp"  
 android:textColor="@color/blue"  
 android:textSize="16sp"** />  
 </**android.support.design.widget.TextInputLayout**>  
 </**LinearLayout**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:layout\_marginTop="25dp"  
 android:gravity="center"**>  
  
 <**Button  
 android:id="@+id/bt\_go"  
 android:layout\_width="92dp"  
 android:layout\_height="36dp"  
 android:background="#ffffff"  
 android:text="@string/go"  
 android:textColor="@color/blue"**></**Button**>  
  
 <**Button  
 android:id="@+id/bt\_trd"  
 android:layout\_width="92dp"  
 android:layout\_height="36dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_toRightOf="@id/bt\_go"  
 android:background="#ffffff"  
 android:text="@string/trd"  
 android:textColor="@color/blue"**></**Button**>  
 </**RelativeLayout**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="5dp"  
 android:text="@string/forgot\_your\_password"  
 android:textColor="@color/black"  
 android:textSize="12sp"** />  
 </**LinearLayout**>  
 </**android.support.v7.widget.CardView**>  
  
 <**android.support.design.widget.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignEnd="@id/cv"  
 android:layout\_alignTop="@id/cv"  
 android:layout\_marginEnd="-25dp"  
 android:layout\_marginTop="25dp"  
 android:src="@mipmap/ic\_action\_plus"  
 android:transitionName="loginFab"  
 app:elevation="6dp"  
 app:fabSize="normal"** />  
  
</**RelativeLayout**>

对应LoginActivity源码

**package** chen.zucc.com.personalassistant.login;  
  
**import** android.app.ActivityOptions;  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.os.Bundle;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.CardView;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.Schedule.ScheduleActivity;  
  
**import** butterknife.ButterKnife;  
**import** butterknife.OnClick;  
  
  
**public class** LoginActivity **extends** AppCompatActivity {  
  
 **private** EditText **etUsername**;  
 **private** EditText **etPassword**;  
 Button **btGo**;  
 Button **btTrd**;  
 CardView **cv**;  
 FloatingActionButton **fab**;  
  
 **private** DataBaseHelper **dbHelper**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
  
*// ButterKnife.inject(this);* ButterKnife.*bind*(**this**);  
  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
  
 **etUsername** = (EditText) findViewById(R.id.***et\_username***);  
 **etPassword** = (EditText) findViewById(R.id.***et\_password***);  
 **btGo** = (Button) findViewById(R.id.***bt\_go***);  
 **btTrd** = (Button) findViewById(R.id.***bt\_trd***);  
 **cv** = (CardView) findViewById(R.id.***cv***);  
 **fab** = (FloatingActionButton) findViewById(R.id.***fab***);  
  
 }  
  
 *//点击登录按钮* **public boolean** loginClicked() {  
 **etUsername** = (EditText) findViewById(R.id.***et\_username***);  
 **etPassword** = (EditText) findViewById(R.id.***et\_password***);  
 String userName = **etUsername**.getText().toString();  
 String passWord = **etPassword**.getText().toString();  
 **if** (login(userName, passWord)) {  
 Toast.*makeText*(LoginActivity.**this**, **"登录成功"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 } **else** {  
 Toast.*makeText*(LoginActivity.**this**, **"用户名密码不正确"**, Toast.***LENGTH\_SHORT***).show();  
 **return false**;  
 }  
 }  
  
 **public boolean** login(String username, String password) {  
 SQLiteDatabase db = **dbHelper**.getWritableDatabase();  
 String sql = **"select \* from Login where Login\_UserName=? and Login\_Password=?"**;  
 Cursor cursor = db.rawQuery(sql, **new** String[]{username, password});  
 **if** (cursor.moveToFirst()) {  
 cursor.close();  
 **return true**;  
 }  
 **return false**;  
 }  
  
 @OnClick({R.id.***bt\_go***, R.id.***fab***, R.id.***bt\_trd***})  
 **public void** onClick(View view) {  
 **switch** (view.getId()) {  
 **case** R.id.***fab***:  
 getWindow().setExitTransition(**null**);  
 getWindow().setEnterTransition(**null**);  
  
 ActivityOptions options = ActivityOptions.*makeSceneTransitionAnimation*(**this**, **fab**, **fab**.getTransitionName());  
 Intent intent = **new** Intent(**this**, RegisterActivity.**class**);  
 startActivity(intent, options.toBundle());  
 **break**;  
 **case** R.id.***bt\_go***:  
 **if** (loginClicked()) {  
 Intent i2 = **new** Intent(**this**, ScheduleActivity.**class**);  
 startActivity(i2);  
 finish();  
 }  
 **break**;  
 **case** R.id.***bt\_trd***:  
  
*// Intent i3 = new Intent(this,PersonalInformationActivity.class);  
// startActivity(i3);  
// finish();* **break**;  
 }  
 }  
  
  
}

由于第三方登录未来得及完成相关链接，所以先对相关内容作了注释；

Register界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
  
 <**FrameLayout  
 android:layout\_width="320dp"  
 android:layout\_height="400dp"  
 android:paddingTop="35dp"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true"**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cv\_add"  
 android:layout\_width="match\_parent"  
 android:layout\_height="320dp"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="10dp"  
 app:cardBackgroundColor="@color/blue"  
 app:cardCornerRadius="6dp"  
 app:cardElevation="3dp"  
 app:cardUseCompatPadding="true"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginTop="50dp"  
 android:text="@string/register"  
 android:textColor="#fff"  
 android:textSize="20sp"  
 android:textStyle="bold"** />  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="40dp"  
 android:layout\_marginTop="10dp"  
 android:paddingEnd="30dp"  
 android:paddingStart="50dp"**>  
  
 <**android.support.design.widget.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColorHint="#f0f7f4"  
 android:theme="@style/TextLabel"**>  
  
 <**EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/selector\_bg\_edit\_2"  
 android:hint="@string/Username"  
 android:inputType="textPersonName"  
 android:paddingBottom="2dp"  
 android:textColor="#f0f7f4"  
 android:textCursorDrawable="@drawable/bg\_input\_cursor\_2"  
 android:textSize="16sp"** />  
 </**android.support.design.widget.TextInputLayout**>  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="40dp"  
 android:orientation="horizontal"  
 android:paddingEnd="30dp"  
 android:paddingStart="50dp"**>  
  
 <**android.support.design.widget.TextInputLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColorHint="#f0f7f4"  
 android:theme="@style/TextLabel"**>  
  
 <**EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/selector\_bg\_edit\_2"  
 android:hint="@string/Password"  
 android:inputType="textPassword"  
 android:paddingBottom="2dp"  
 android:textColor="#f0f7f4"  
 android:textCursorDrawable="@drawable/bg\_input\_cursor\_2"  
 android:textSize="16sp"** />  
 </**android.support.design.widget.TextInputLayout**>  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="40dp"  
 android:orientation="horizontal"  
 android:paddingEnd="30dp"  
 android:paddingStart="50dp"**>  
  
 <**android.support.design.widget.TextInputLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textColorHint="#f0f7f4"  
 android:theme="@style/TextLabel"**>  
  
 <**EditText  
 android:id="@+id/et\_repeatpassword"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@drawable/selector\_bg\_edit\_2"  
 android:hint="@string/repeat\_password"  
 android:inputType="textPassword"  
 android:paddingBottom="2dp"  
 android:textColor="#f0f7f4"  
 android:textCursorDrawable="@drawable/bg\_input\_cursor\_2"  
 android:textSize="16sp"** />  
 </**android.support.design.widget.TextInputLayout**>  
 </**LinearLayout**>  
  
 <**Button  
 android:id="@+id/bt\_go"  
 android:layout\_width="92dp"  
 android:layout\_height="36dp"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="20dp"  
 android:background="#ffffff"  
 android:text="@string/next"  
 android:textColor="@color/blue"**></**Button**>  
  
 </**LinearLayout**>  
 </**android.support.v7.widget.CardView**>  
  
 <**android.support.design.widget.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal|top"  
 android:src="@mipmap/ic\_action\_plus\_x"  
 android:transitionName="loginFab"  
 app:fabSize="normal"** />  
 </**FrameLayout**>  
  
  
</**RelativeLayout**>

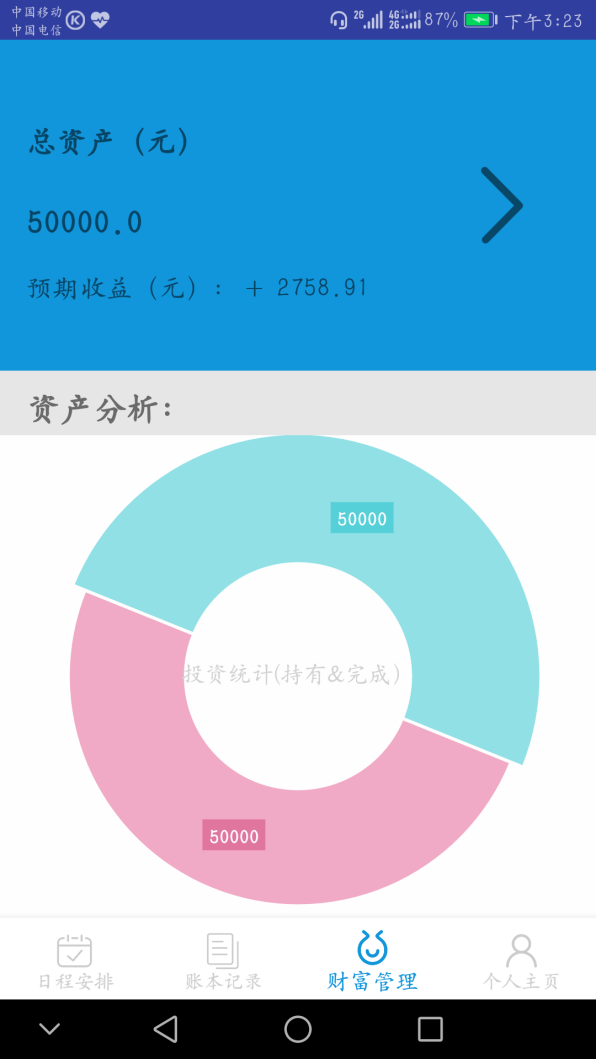
RegisterActivity源码

**package** chen.zucc.com.personalassistant.login;  
  
**import** android.animation.Animator;  
**import** android.animation.AnimatorListenerAdapter;  
**import** android.content.ContentValues;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.os.Bundle;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.CardView;  
**import** android.transition.Transition;  
**import** android.transition.TransitionInflater;  
**import** android.view.View;  
**import** android.view.ViewAnimationUtils;  
**import** android.view.animation.AccelerateInterpolator;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
  
 **private** DataBaseHelper **dbHelper**;  
  
 FloatingActionButton **fab**;  
 CardView **cvAdd**;  
 Button **btn1**;  
  
 **private** EditText **editText1**;  
 **private** EditText **editText2**;  
 **private** EditText **editText3**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
 **fab** = (FloatingActionButton) findViewById(R.id.***fab***);  
 **cvAdd** = (CardView) findViewById(R.id.***cv\_add***);  
 **btn1** = (Button) findViewById(R.id.***bt\_go***);  
  
 ShowEnterAnimation();  
  
 **fab**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 animateRevealClose();  
 }  
 });  
  
 **btn1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (logon()) {  
 animateRevealClose();  
 }  
 }  
 });  
  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
  
 }  
  
 **public boolean** logon() {  
 *//SQLiteDatabase db=dbHelper.getWritableDatabase();* EditText editText1 = (EditText) findViewById(R.id.***et\_username***);  
 EditText editText2 = (EditText) findViewById(R.id.***et\_password***);  
 EditText editText3 = (EditText) findViewById(R.id.***et\_repeatpassword***);  
 String newname = editText1.getText().toString();  
 String password1 = editText2.getText().toString();  
 String password2 = editText3.getText().toString();  
 **if** (CheckIsDataAlreadyInDBorNot(newname)) {  
 Toast.*makeText*(**this**, **"该用户名已被注册，注册失败"**, Toast.***LENGTH\_SHORT***).show();  
 **return false**;  
 } **else** {  
 **if** (password2.equals(password1)) {  
 **if** (register(newname, password1)) {  
 Toast.*makeText*(**this**, **"注册成功"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 }  
 } **else** {  
 Toast.*makeText*(**this**, **"两次输入的密码不一致"**, Toast.***LENGTH\_SHORT***).show();  
 **return false**;  
 }  
 }  
 **return false**;  
 }  
  
 *//向数据库插入数据* **public boolean** register(String username, String password) {  
 SQLiteDatabase db = **dbHelper**.getWritableDatabase();  
*// String sql = "insert into Login(Login\_UserName,Login\_Password) value(?,?)";  
// Object obj[] = {username, password};  
// db.execSQL(sql, obj);* ContentValues values = **new** ContentValues();  
 values.put(**"Login\_UserName"**, username);  
 values.put(**"Login\_Password"**, password);  
 db.insert(**"Login"**, **null**, values);  
 db.close();  
  
*// db.execSQL("insert into Login (Login\_UserName,Login\_Password) values (?,?)", new String[]{username, password});* **return true**;  
 }  
  
 *//检验用户名是否已存在* **public boolean** CheckIsDataAlreadyInDBorNot(String value) {  
 SQLiteDatabase db = **dbHelper**.getWritableDatabase();  
 String Query = **"Select \* from Login where Login\_UserName =?"**;  
 Cursor cursor = db.rawQuery(Query, **new** String[]{value});  
 **if** (cursor.getCount() > 0) {  
 cursor.close();  
 **return true**;  
 }  
 cursor.close();  
 **return false**;  
 }  
  
 **private void** ShowEnterAnimation() {  
 Transition transition = TransitionInflater.*from*(**this**).inflateTransition(R.transition.***fabtransition***);  
 getWindow().setSharedElementEnterTransition(transition);  
  
 transition.addListener(**new** Transition.TransitionListener() {  
 @Override  
 **public void** onTransitionStart(Transition transition) {  
 **cvAdd**.setVisibility(View.***GONE***);  
 }  
  
 @Override  
 **public void** onTransitionEnd(Transition transition) {  
 transition.removeListener(**this**);  
 animateRevealShow();  
 }  
  
 @Override  
 **public void** onTransitionCancel(Transition transition) {  
  
 }  
  
 @Override  
 **public void** onTransitionPause(Transition transition) {  
  
 }  
  
 @Override  
 **public void** onTransitionResume(Transition transition) {  
  
 }  
  
  
 });  
 }  
  
 **public void** animateRevealShow() {  
 Animator mAnimator = ViewAnimationUtils.*createCircularReveal*(**cvAdd**, **cvAdd**.getWidth() / 2, 0, **fab**.getWidth() / 2, **cvAdd**.getHeight());  
 mAnimator.setDuration(500);  
 mAnimator.setInterpolator(**new** AccelerateInterpolator());  
 mAnimator.addListener(**new** AnimatorListenerAdapter() {  
 @Override  
 **public void** onAnimationEnd(Animator animation) {  
 **super**.onAnimationEnd(animation);  
 }  
  
 @Override  
 **public void** onAnimationStart(Animator animation) {  
 **cvAdd**.setVisibility(View.***VISIBLE***);  
 **super**.onAnimationStart(animation);  
 }  
 });  
 mAnimator.start();  
 }  
  
 **public void** animateRevealClose() {  
 Animator mAnimator = ViewAnimationUtils.*createCircularReveal*(**cvAdd**, **cvAdd**.getWidth() / 2, 0, **cvAdd**.getHeight(), **fab**.getWidth() / 2);  
 mAnimator.setDuration(500);  
 mAnimator.setInterpolator(**new** AccelerateInterpolator());  
 mAnimator.addListener(**new** AnimatorListenerAdapter() {  
 @Override  
 **public void** onAnimationEnd(Animator animation) {  
 **cvAdd**.setVisibility(View.***INVISIBLE***);  
 **super**.onAnimationEnd(animation);  
 **fab**.setImageResource(R.mipmap.***ic\_action\_plus***);  
 RegisterActivity.**super**.onBackPressed();  
 }  
  
 @Override  
 **public void** onAnimationStart(Animator animation) {  
 **super**.onAnimationStart(animation);  
 }  
 });  
 mAnimator.start();  
 }  
  
 **public void** onBackPressed() {  
 animateRevealClose();  
 }  
}

1. 投资理财相关界面

理财相关功能主要展示在为以下3个界面上：

资产分析主页：



资产分析主页主要实现了饼图效果

现在Gradle中加入以下支持：

compile **'com.github.lecho:hellocharts-library:1.5.8@aar'**

并在Manager\_money\_mattersActivity中完成以下操作：

**package** chen.zucc.com.personalassistant.Manage\_money\_matters;  
  
**import** android.app.DatePickerDialog;  
**import** android.content.ContentValues;  
**import** android.content.Intent;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.DatePicker;  
**import** android.widget.EditText;  
**import** android.widget.ImageButton;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** java.math.BigDecimal;  
**import** java.sql.SQLDataException;  
**import** java.text.DateFormat;  
**import** java.text.ParseException;  
**import** java.text.SimpleDateFormat;  
**import** java.util.Calendar;  
**import** java.util.Date;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.model.MoneyModel;  
  
**import static** chen.zucc.com.personalassistant.R.id.***editText***;  
  
**public class** InvestmentActivity **extends** AppCompatActivity {  
  
 **private** DataBaseHelper **dbHelper**;  
 **private** SQLiteDatabase **dbRead**, **dbWrite**;  
  
 **private** EditText **assetName**;  
 **private** EditText **asset**;  
 **private** EditText **yield**;  
 **private** TextView **beginDate**;  
 **private** TextView **endDate**;  
 **private** EditText **remark**;  
  
 **private** TextView **tvincome1**;  
 **private** TextView **tvincome2**;  
 **private** TextView **tvasset**;  
  
 **private** ImageButton **imageButton1**;  
 **private** ImageButton **imageButton2**;  
 **private** ImageButton **imageButtonback**;  
 **private** TextView **DateView1**;  
 **private** TextView **DateView2**;  
  
 **private int mYear**;  
 **private int mMonth**;  
 **private int mDay**;  
  
 **private** String **begintime**;  
 **private** String **endtime**;  
 **private** String **nowtime**;  
  
 **private** String **daystr**;  
 **private int dayint**;  
  
 **private** String **day2str**;  
 **private int day2int**;  
  
 **private** String **day3str**;  
 **private int day3int**;  
  
 **private** String **yieldstr**;  
 **private double yielddb**;  
  
 **private** String **assetstr**;  
 **private double assetdb**;  
 **private double assetdb\_2**;  
  
 **private double income1**;  
 **private double income1\_2**;  
 **private double income2**;  
 **private double income2\_2**;  
  
 **private int state**;  
  
*// public static final String EXTRA\_NOTE\_ID = "noteId";  
// public static final String EXTRA\_NOTE\_NAME = "noteName";  
// public static final String EXTRA\_NOTE\_CONTENT = "noteContent";* @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_money\_investment***);  
 MoneyModel moneyModel = (MoneyModel) getIntent().getSerializableExtra(**"data"**);  
 **tvincome1** = (TextView) findViewById(R.id.***textView1***);  
 **tvincome2** = (TextView) findViewById(R.id.***textView5***);  
 **tvasset** = (TextView) findViewById(R.id.***textView3***);  
  
 **assetName** = (EditText) findViewById(R.id.***editText1***);  
 **asset** = (EditText) findViewById(R.id.***editText2***);  
 **yield** = (EditText) findViewById(R.id.***editText3***);  
 **beginDate** = (TextView) findViewById(R.id.***DateView1***);  
 **endDate** = (TextView) findViewById(R.id.***DateView2***);  
 **remark** = (EditText) findViewById(R.id.***editText4***);  
 **imageButtonback** = (ImageButton) findViewById(R.id.***imageButton\_back***);  
  
 *//传入数据内容* **if** (moneyModel != **null**) {  
 **tvasset**.setText(String.*valueOf*(moneyModel.getMoney\_asset()));  
 **tvincome1**.setText(String.*valueOf*(moneyModel.getMoney\_anticipated\_income()));  
 **tvincome2**.setText(String.*valueOf*(moneyModel.getMoney\_accumulated\_income()));  
 **assetName**.setText(moneyModel.getMoney\_assetName());  
 **asset**.setText(String.*valueOf*(moneyModel.getMoney\_asset()));  
 **yield**.setText(String.*valueOf*(moneyModel.getMoney\_yield()));  
 **beginDate**.setText(moneyModel.getMoney\_beginDate());  
 **endDate**.setText(moneyModel.getMoney\_endDate());  
 **remark**.setText(moneyModel.getMoney\_remark());  
 }  
 ImageButton imageButton1 = (ImageButton) findViewById(R.id.***imageBtn\_1***);  
 **final** TextView beginDate = (TextView) findViewById(R.id.***DateView1***);  
 ImageButton imageButton2 = (ImageButton) findViewById(R.id.***imageBtn\_2***);  
 **final** TextView endDate = (TextView) findViewById(R.id.***DateView2***);  
 ImageButton imageButton3 = (ImageButton) findViewById(R.id.***imgbtnpublish***);  
  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
  
 **dbRead** = **dbHelper**.getReadableDatabase();  
 **dbWrite** = **dbHelper**.getWritableDatabase();  
  
 *// 初始化Calendar日历对象，获取当前时间* **final** Calendar c = Calendar.*getInstance*();  
 **mYear** = c.get(Calendar.***YEAR***);*// 获取年份* **mMonth** = c.get(Calendar.***MONTH***);*// 获取月份* **mDay** = c.get(Calendar.***DAY\_OF\_MONTH***);*// 获取天数* **nowtime** = String.*format*(**"%d-%d-%d"**, **mYear**, **mMonth** + 1, **mDay**);  
  
 **imageButtonback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(InvestmentActivity.**this**, Asset\_AnalysisActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 imageButton1.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **new** DatePickerDialog(InvestmentActivity.**this**, **new** DatePickerDialog.OnDateSetListener() {  
 @Override  
 **public void** onDateSet(DatePicker view, **int** year1, **int** monthOfYear1, **int** dayOfMonth1) {  
 beginDate.setText(String.*format*(**"%d-%d-%d"**, year1, monthOfYear1 + 1, dayOfMonth1));  
 }  
  
 }, **mYear**, **mMonth**, **mDay** + 1).show();  
 }  
 });  
  
  
 imageButton2.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **new** DatePickerDialog(InvestmentActivity.**this**, **new** DatePickerDialog.OnDateSetListener() {  
 @Override  
 **public void** onDateSet(DatePicker view, **int** year2, **int** monthOfYear2, **int** dayOfMonth2) {  
 endDate.setText(String.*format*(**"%d-%d-%d"**, year2, monthOfYear2 + 1, dayOfMonth2));  
 }  
  
 }, **mYear**, **mMonth**, **mDay** + 1).show();  
  
 }  
 });  
  
 imageButton3.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if** (**assetName**.length() == 0 || **asset**.length() == 0 || **yield**.length() == 0  
 || TextUtils.*isEmpty*(endDate.getText()) || TextUtils.*isEmpty*(beginDate.getText())) {  
 Toast.*makeText*(InvestmentActivity.**this**, **"请输入完整信息！"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 **begintime** = beginDate.getText().toString();  
 **endtime** = endDate.getText().toString();  
 **daystr** = getTimeExpend(**begintime**, **endtime**);  
 **dayint** = Integer.*valueOf*(**daystr**).intValue();  
  
 **day2str** = getTimeExpend(**begintime**, **nowtime**);  
 **day2int** = Integer.*valueOf*(**day2str**).intValue();  
  
 **day3str** = getTimeExpend(**nowtime**, **endtime**);  
 **day3int** = Integer.*valueOf*(**day3str**).intValue();  
  
 **if** (**dayint** <= 0) {  
 Toast.*makeText*(InvestmentActivity.**this**, **"项目日期有误，请重新选择！"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
  
*// Log.d("InvestmentActivity ", "day1 " + dayint);  
// Log.d("InvestmentActivity ", "day2 " + day2int);  
// Log.d("InvestmentActivity ", "day3 " + day3int);* **assetstr** = **asset**.getText().toString();  
 **assetdb** = Double.*parseDouble*(**assetstr**);  
 **yieldstr** = **yield**.getText().toString();  
 **yielddb** = Double.*parseDouble*(**yieldstr**);  
  
 **income1** = **assetdb** \* **yielddb** / 100 \* **dayint** / 365;*//计算预期收益* **income2** = **assetdb** \* **yielddb** / 100 \* **day2int** / 365;*//计算累计收益  
// Log.d("InvestmentActivity ", "income1 " + income1);  
// Log.d("InvestmentActivity ", "income2 " + income2);* BigDecimal bg1 = **new** BigDecimal(**income1**);*//保留两位小数* **income1\_2** = bg1.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 BigDecimal bg2 = **new** BigDecimal(**income2**);  
 **income2\_2** = bg2.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 BigDecimal bg3 = **new** BigDecimal(**assetdb**);  
 **assetdb\_2** = bg3.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 **if** (**day3int** <= 0) { *//做状态判断* **state** = 1; *//已完成* } **else** {  
 **state** = 0; *//未完成* }  
  
 **if** (**income2** <= 0) {  
 **income2\_2** = 0;  
 **tvincome2**.setText(**"+"** + String.*valueOf*(**income2\_2**));  
*// tvincome2.setText("+0.00");* } **else** {  
 **tvincome2**.setText(**"+"** + String.*valueOf*(**income2\_2**));  
 }  
  
 saveNote();  
 saveSortNote();  
 **tvincome1**.setText(**"+"** + String.*valueOf*(**income1\_2**));  
 **tvasset**.setText(String.*valueOf*(**assetdb\_2**));  
  
  
 Toast.*makeText*(InvestmentActivity.**this**, **"项目添加成功"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(InvestmentActivity.**this**, Asset\_AnalysisActivity.**class**);  
 startActivity(intent);  
 finish();  
 setResult(***RESULT\_OK***);  
 }  
 }  
  
*// try {  
//// Date d1 = df.parse("2006-05-26 12:00:00");  
//// Date d2 = df.parse("2006-07-02 11:20:00");  
//  
// Date d1 = df.parse("begintime");  
// Date d2 = df.parse("endtime");  
// long diff = d2.getTime() - d1.getTime();  
// long days = diff / (1000 \* 60 \* 60 \* 24);  
// System.out.println(""+days+"天");  
// Log.d( "InvestmentActivity ", "day "+ days);  
// } catch (ParseException e) {  
// System.out.println("error");  
// e.printStackTrace();  
// }* }  
 });  
 }  
  
 **private long** getTimeMillis(String strTime) {  
 **long** returnMillis = 0;  
*// SimpleDateFormat sdf = new SimpleDateFormat("yyyy/MM/dd HH:mm");* SimpleDateFormat sdf = **new** SimpleDateFormat(**"yyyy-MM-dd"**);  
 Date d = **null**;  
 **try** {  
 d = sdf.parse(strTime);  
 returnMillis = d.getTime();  
 } **catch** (ParseException e) {  
 Toast.*makeText*(InvestmentActivity.**this**, e.toString(), Toast.***LENGTH\_SHORT***).show();  
 }  
 **return** returnMillis;  
 }  
  
 **private** String getTimeExpend(String startTime, String endTime) {  
 *//传入字串类型 2016/06/28 08:30* **long** longStart = getTimeMillis(startTime); *//获取开始时间毫秒数* **long** longEnd = getTimeMillis(endTime); *//获取结束时间毫秒数* **long** longExpend = longEnd - longStart; *//获取时间差* **long** longDay = longExpend / (60 \* 60 \* 1000 \* 24);*//根据时间差来计算天数  
// long longHours = longExpend / (60 \* 60 \* 1000); //根据时间差来计算小时数  
// long longMinutes = (longExpend - longHours \* (60 \* 60 \* 1000)) / (60 \* 1000); //根据时间差来计算分钟数* String day = String.*valueOf*(longDay);  
 **return** day;  
 }  
  
  
 **public int** saveNote() {  
 ContentValues cv = **new** ContentValues();  
 cv.put(**"Money\_assetName"**, **assetName**.getText().toString());  
 cv.put(**"Money\_asset"**, **assetdb\_2**);  
 cv.put(**"Money\_yield"**, **yielddb**);  
 cv.put(**"Money\_beginDate"**, **beginDate**.getText().toString());  
 cv.put(**"Money\_endDate"**, **endDate**.getText().toString());  
 cv.put(**"Money\_remark"**, **remark**.getText().toString());  
 cv.put(**"Money\_anticipated\_income"**, **income1\_2**);*//预期* cv.put(**"Money\_accumulated\_income"**, **income2\_2**);*//累计* cv.put(**"Money\_state"**, **state**);**return** (**int**) **dbWrite**.insert(**"Money"**, **null**, cv);  
  
 }  
  
 **public int** saveSortNote() {  
 ContentValues cv = **new** ContentValues();  
 cv.put(**"SortMoney\_money"**, **assetdb\_2**);  
 cv.put(**"SortMoney\_income"**, **income1\_2**);  
 cv.put(**"SortMoney\_capital"**, **income2\_2**);  
 cv.put(**"SortMoney\_state"**, **state**);  
 **return** (**int**) **dbWrite**.insert(**"SortMoney"**, **null**, cv);  
 }  
  
 */\*\*  
 \* 复写Activity的生命周期方法，用于关闭读写数据库的操作  
 \*/* @Override  
 **protected void** onDestroy() {  
 **dbRead**.close();  
 **dbWrite**.close();  
 **super**.onDestroy();  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context="chen.zucc.com.personalassistant.Manage\_money\_matters.Manager\_money\_mattersActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:background="@color/blue"**>  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="48dp"  
 android:text="总资产（元）"  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="96dp"  
 android:text="\*\*\*\*.\*\*"  
 android:textSize="20sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/textView1"  
 android:layout\_below="@+id/imageButton1"  
 android:layout\_marginTop="14dp"  
 android:text="预期收益（元）："  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBaseline="@+id/textView3"  
 android:layout\_alignBottom="@+id/textView3"  
 android:layout\_marginStart="4dp"  
 android:layout\_toEndOf="@+id/textView3"  
 android:text="+00.00"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton1"  
 android:layout\_width="48dp"  
 android:layout\_height="48dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_centerVertical="true"  
 android:layout\_marginEnd="32dp"  
 android:alpha="0.53"  
 android:background="#00000000"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_right"** />  
  
 </**RelativeLayout**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="资产分析:"  
 android:textSize="20sp"  
 android:textStyle="bold"  
 android:paddingLeft="16dp"  
 android:paddingTop="8dp"  
 android:paddingBottom="4dp"  
 android:background="@color/lightgrey"**/>  
  
 <**lecho.lib.hellocharts.view.PieChartView  
 android:id="@+id/pie\_chart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="330dp"  
 android:layout\_weight="6.05"  
 android:background="@color/background"**/>  
  
 <**FrameLayout  
 android:id="@+id/layFrame"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"** />  
  
 <**com.ashokvarma.bottomnavigation.BottomNavigationBar  
 android:id="@+id/bottom\_navigation\_bar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom"** />  
  
</**LinearLayout**>

资产项目展示界面：



界面由一个固定Activity与两个Fragment组成分别显示“现持有”与“已完成”的投资项目，其中的判别条件为项目到期时间是否大于当下时间；

Asset\_AnalysisActivity 源码

**package** chen.zucc.com.personalassistant.Manage\_money\_matters;  
  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.database.sqlite.SQLiteOpenHelper;  
**import** android.support.v4.view.ViewPager;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.TextView;  
  
**import** com.github.kimkevin.slidingicontablayout.wigets.SlidingIconTabLayout;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
  
  
**public class** Asset\_AnalysisActivity **extends** AppCompatActivity {  
  
 **private** ViewPager **mViewPager**;  
 **private** MainTabAdapter **mAdapter**;  
 **int lastSelectedPosition** = 2;  
 **private** ImageButton **imageButtonback**;  
 **private** ImageButton **imageButtonadd**;  
 **private** DataBaseHelper **dbHelper**;  
 **private** SQLiteOpenHelper **dbhelper**;  
 **private** SQLiteDatabase **db**;  
 **private** TextView **tv1**;  
 **private** TextView **tv2**;  
 **private** TextView **tv3**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_money\_asset\_\_analysis***);  
  
 **mAdapter** = **new** MainTabAdapter(**this**);  
 **mViewPager** = (ViewPager) findViewById(R.id.***pager***);  
 **mViewPager**.setAdapter(**mAdapter**);  
  
 **imageButtonback** = (ImageButton) findViewById(R.id.***imageButton\_back***);  
  
 **imageButtonback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(Asset\_AnalysisActivity.**this**, Manager\_money\_mattersActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 **imageButtonadd** = (ImageButton) findViewById(R.id.***imageButton\_add***);  
  
 **imageButtonadd**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(Asset\_AnalysisActivity.**this**, InvestmentActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 SlidingIconTabLayout mSlidingTabLayout = (SlidingIconTabLayout) findViewById(R.id.***tabs***);  
  
 mSlidingTabLayout.setCustomTabView(R.layout.***tab\_txt\_layout***, R.id.***tab\_name\_txt***);*//放的是导航栏的内容* mSlidingTabLayout.setCustomTabColorizer(**new** SlidingIconTabLayout.TabColorizer() {  
 @Override  
 **public int** getIndicatorColor(**int** position) {  
 **return** getResources().getColor(R.color.***grey***); *//导航栏下面的横线的颜色* }  
 });  
  
 mSlidingTabLayout.setViewPager(**mViewPager**);  
  
 **tv1** = (TextView) findViewById(R.id.***textView1***);  
 **tv1**.setText(String.*valueOf*(getsum1()));  
 **tv2** = (TextView) findViewById(R.id.***textView3***);  
 **tv2**.setText(String.*valueOf*(getsum()));  
 **tv3** = (TextView) findViewById(R.id.***textView5***);  
 **tv3**.setText(String.*valueOf*(getsum2()));  
  
 }  
  
 **public double** getsum() {  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
 **db** = **dbHelper**.getReadableDatabase();  
 Cursor sum0 = **db**.rawQuery(**"select sum(SortMoney\_money) from SortMoney where SortMoney\_state=0"**, **null**);  
 sum0.moveToNext();  
 **double** benjin = sum0.getDouble(sum0.getColumnIndex(**"sum(SortMoney\_money)"**));  
*// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));* **return** benjin;  
 }  
  
 **public double** getsum1() {  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
 **db** = **dbHelper**.getReadableDatabase();  
 Cursor sum0 = **db**.rawQuery(**"select sum(SortMoney\_income) from SortMoney"**, **null**);  
 sum0.moveToNext();  
  
 **double** income = sum0.getDouble(sum0.getColumnIndex(**"sum(SortMoney\_income)"**));  
  
*// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));* **return** income;  
 }  
  
 **public double** getsum2() {  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
 **db** = **dbHelper**.getReadableDatabase();  
 Cursor sum0 = **db**.rawQuery(**"select sum(SortMoney\_capital) from SortMoney"**, **null**);  
 sum0.moveToNext();  
  
 **double** income = sum0.getDouble(sum0.getColumnIndex(**"sum(SortMoney\_capital)"**));  
  
*// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));* **return** income;  
 }  
  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context="chen.zucc.com.personalassistant.Manage\_money\_matters.Asset\_AnalysisActivity"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:background="@color/white"  
 android:elevation="2dp"**>  
  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="24dp"  
 android:text="待收收益（元）"  
 android:textSize="22sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="+00.00"  
 android:textColor="@color/blue"  
 android:textSize="22sp"  
 android:textStyle="bold"** />  
  
 <**View  
 android:id="@+id/view"  
 android:layout\_width="1dp"  
 android:layout\_height="50dp"  
 android:layout\_below="@+id/textView"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="80dp"  
 android:background="@color/grey"** />  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignTop="@+id/view"  
 android:layout\_marginStart="50dp"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:text="投资总额（元）"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="12dp"  
 android:text="0.00"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignTop="@+id/view"  
 android:layout\_marginStart="50dp"  
 android:layout\_toEndOf="@+id/view"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="累计收益（元）"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="12dp"  
 android:text="+0.00"  
 android:textColor="@color/blue"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 </**LinearLayout**>  
  
 <**ImageButton  
 android:id="@+id/imageButton\_back"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="12dp"  
 android:layout\_marginTop="12dp"  
 android:background="#00000000"  
 android:padding="4dp"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_back"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton\_add"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_alignBottom="@+id/textView"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginEnd="16dp"  
 android:background="#00000000"  
 android:padding="4dp"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_add2"** />  
 </**RelativeLayout**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**com.github.kimkevin.slidingicontablayout.wigets.SlidingIconTabLayout  
 android:id="@+id/tabs"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_below="@+id/toolbar"  
 android:layout\_gravity="center"  
 android:background="@color/white"  
 android:elevation="2dp"** />  
  
 <**android.support.v4.view.ViewPager  
 android:id="@+id/pager"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentStart="true"** />  
  
 </**RelativeLayout**>  
  
</**LinearLayout**>

其下的两个Fragment由ListView组合界面适配器加载数据库数据并在其上加载完成；

两个Fragment源码：

**package** chen.zucc.com.personalassistant.Manage\_money\_matters;  
  
**import** android.app.Activity;  
**import** android.app.ListActivity;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.os.Bundle;  
**import** android.support.v4.app.Fragment;  
**import** android.support.v7.widget.LinearLayoutManager;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.AdapterView;  
**import** android.widget.BaseAdapter;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.ImageView;  
**import** android.widget.ListView;  
**import** android.widget.SimpleCursorAdapter;  
**import** android.widget.TextView;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.Schedule.EditScheduleActivity;  
**import** chen.zucc.com.personalassistant.model.MoneyModel;  
**import** chen.zucc.com.personalassistant.model.ScheduleModel;  
  
**public class** MainFragment **extends** Fragment {  
 **private static final** String ***ARG\_POSITION*** = **"pos"**;  
 **private** ListView **listView**;  
 **private** ListView **lv**;  
 **private** List<MoneyModel> **data**;  
 **private** DataBaseHelper **dbHelper**;  
 **private** SQLiteDatabase **db**;  
 **private** RecyclerView **mRvTextList**;  
  
*// private SimpleCursorAdapter adapter = null;  
// private DataBaseHelper dbHelper;  
// private SQLiteDatabase dbRead;  
  
// public static final int REQUEST\_CODE\_ADD\_NOTE = 1;  
// public static final int REQUEST\_CODE\_EDIT\_NOTE = 2;* **public static** MainFragment newInstance(**int** pos) {  
 MainFragment fragment = **new** MainFragment();  
 Bundle args = **new** Bundle();  
 args.putInt(***ARG\_POSITION***, pos);  
 fragment.setArguments(args);  
 **return** fragment;  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 **int** pos = getArguments().getInt(***ARG\_POSITION***);  
  
 **if** (pos == 1) {  
 */\*\*  
 \* 适配器  
 \*/* **final** View view = LayoutInflater.*from*(getActivity()).inflate(R.layout.***fragment\_main***, container, **false**);  
 **lv** = (ListView) view.findViewById(R.id.***list***);  
 */\*\*  
 \* 获取将要绑定的数据设置到data中  
 \*/* **data** = getData1();  
 MyAdapter adapter = **new** MyAdapter(getActivity());  
 **lv**.setAdapter(adapter);  
 **lv**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> adapterView, View view, **int** i, **long** l) {  
*// Toast.makeText(getActivity(),i+"",Toast.LENGTH\_SHORT).show();* Intent intent = **new** Intent(getActivity(), InvestmentActivity.**class**);  
 intent.putExtra(**"data"**, **data**.get(i));  
 startActivity(intent);  
 }  
 });  
 **return** view;  
  
 } **else** {  
 **final** View view = LayoutInflater.*from*(getActivity()).inflate(R.layout.***fragment\_main***, container, **false**);  
 **lv** = (ListView) view.findViewById(R.id.***list***);  
 */\*\*  
 \* 获取将要绑定的数据设置到data中  
 \*/* **data** = getData2();  
 MyAdapter adapter = **new** MyAdapter(getActivity());  
 **lv**.setAdapter(adapter);  
 **lv**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> adapterView, View view, **int** i, **long** l) {  
*// Toast.makeText(getActivity(),i+"",Toast.LENGTH\_SHORT).show();* Intent intent = **new** Intent(getActivity(), InvestmentActivity.**class**);  
 intent.putExtra(**"data"**, **data**.get(i));  
 startActivity(intent);  
 }  
 });  
 **return** view;  
 }  
 }  
  
 **private** List<MoneyModel> getData1() {  
 List<MoneyModel> list = **new** ArrayList<>();  
 **dbHelper** = **new** DataBaseHelper(getActivity(), **"PersonalAssistant.db"**, **null**, 1);  
 **db** = **dbHelper**.getReadableDatabase();  
 Cursor cursor = **db**.rawQuery(**"select \* from Money where Money\_state = 1 "** +  
 **"order by Money\_endDate"**, **new** String[]{});  
 **while** (cursor.moveToNext()) {  
*// String a1 = cursor.getString(cursor.getColumnIndex("Schedule\_details"));  
// String a2 = cursor.getString(cursor.getColumnIndex("Schedule\_beginschedule"));* MoneyModel moneyModel = **new** MoneyModel();  
 moneyModel.setId(cursor.getInt(cursor.getColumnIndex(**"id"**)));  
 moneyModel.setMoney\_assetName(cursor.getString(cursor.getColumnIndex(**"Money\_assetName"**)));  
 moneyModel.setMoney\_asset(cursor.getDouble(cursor.getColumnIndex(**"Money\_asset"**)));  
 moneyModel.setMoney\_beginDate(cursor.getString(cursor.getColumnIndex(**"Money\_beginDate"**)));  
 moneyModel.setMoney\_endDate(cursor.getString(cursor.getColumnIndex(**"Money\_endDate"**)));  
 moneyModel.setMoney\_yield(cursor.getDouble(cursor.getColumnIndex(**"Money\_yield"**)));  
 moneyModel.setMoney\_remark(cursor.getString(cursor.getColumnIndex(**"Money\_remark"**)));  
 moneyModel.setMoney\_anticipated\_income(cursor.getDouble(cursor.getColumnIndex(**"Money\_anticipated\_income"**)));  
 list.add(moneyModel);  
*// Log.e("test",moneyModel.getMoney\_beginDate() +";" + moneyModel.get);* }  
 **db**.close();  
 **return** list;  
 }  
  
 **private** List<MoneyModel> getData2() {  
 List<MoneyModel> list = **new** ArrayList<>();  
 **dbHelper** = **new** DataBaseHelper(getActivity(), **"PersonalAssistant.db"**, **null**, 1);  
 **db** = **dbHelper**.getReadableDatabase();  
  
 Cursor cursor = **db**.rawQuery(**"select \* from Money where Money\_state = 0 "** +  
 **"order by Money\_endDate"**, **new** String[]{});  
 **while** (cursor.moveToNext()) {  
*// String a1 = cursor.getString(cursor.getColumnIndex("Schedule\_details"));  
// String a2 = cursor.getString(cursor.getColumnIndex("Schedule\_beginschedule"));* MoneyModel moneyModel = **new** MoneyModel();  
 moneyModel.setId(cursor.getInt(cursor.getColumnIndex(**"id"**)));  
 moneyModel.setMoney\_assetName(cursor.getString(cursor.getColumnIndex(**"Money\_assetName"**)));  
 moneyModel.setMoney\_asset(cursor.getDouble(cursor.getColumnIndex(**"Money\_asset"**)));  
 moneyModel.setMoney\_beginDate(cursor.getString(cursor.getColumnIndex(**"Money\_beginDate"**)));  
 moneyModel.setMoney\_endDate(cursor.getString(cursor.getColumnIndex(**"Money\_endDate"**)));  
 moneyModel.setMoney\_yield(cursor.getDouble(cursor.getColumnIndex(**"Money\_yield"**)));  
 moneyModel.setMoney\_remark(cursor.getString(cursor.getColumnIndex(**"Money\_remark"**)));  
 moneyModel.setMoney\_anticipated\_income(cursor.getDouble(cursor.getColumnIndex(**"Money\_anticipated\_income"**)));  
 list.add(moneyModel);  
*// Log.e("test",moneyModel.getMoney\_beginDate() +";" + moneyModel.get);* }  
 **db**.close();  
 **return** list;  
 }  
 */\*\*  
 \* 日程条目点击时被调用，打开编辑日程界面，同时传入当前日程信息  
 \*/  
 /\*\*  
 \* ViewHolder静态类  
 \*/* **static class** ViewHolder {  
 **public** TextView **asset**;  
 **public** TextView **income**;  
 **public** TextView **endDate**;  
 }  
  
 **public class** MyAdapter **extends** BaseAdapter {  
 **private** LayoutInflater **mInflater** = **null**;  
  
 **private** MyAdapter(Context context) {  
 */\*\*  
 \* 根据context上下文加载布局，这里的是Demo17Activity本身，即this  
 \*/* **this**.**mInflater** = LayoutInflater.*from*(context);  
 }  
  
 @Override  
 **public int** getCount() {  
 */\*\*  
 \* 在此适配器中所代表的数据集中的条目数  
 \*/* **return data**.size();  
 }  
  
 @Override  
 **public** Object getItem(**int** position) {  
 */\*\*  
 \* 获取数据集中与指定索引对应的数据项  
 \*/* **return** position;  
 }  
  
 @Override  
 **public long** getItemId(**int** position) {  
 */\*\*  
 \* 获取在列表中与指定索引对应的行id  
 \*/* **return** position;  
 }  
  
 */\*\*  
 \* 获取一个在数据集中指定索引的视图来显示数据  
 \*/* @Override  
 **public** View getView(**int** position, View convertView, ViewGroup parent) {  
 ViewHolder holder = **null**;  
 */\*\*  
 \* 如果缓存convertView为空，则需要创建View  
 \*/* **if** (convertView == **null**) {  
 holder = **new** ViewHolder();  
 */\*\*  
 \* 根据自定义的Item布局加载布局  
 \*/* convertView = **mInflater**.inflate(R.layout.***fragment\_money\_finish***, **null**);  
  
 holder.**asset** = (TextView) convertView.findViewById(R.id.***textView1***);  
 holder.**income** = (TextView) convertView.findViewById(R.id.***textView3***);  
 holder.**endDate** = (TextView) convertView.findViewById(R.id.***textView5***);  
  
 */\*\*  
 \* 将设置好的布局保存到缓存中，并将其设置在Tag里，以便后面方便取出Tag  
 \*/* convertView.setTag(holder);  
 } **else** {  
 holder = (ViewHolder) convertView.getTag();  
 }  
 holder.**asset**.setText(String.*valueOf*(**data**.get(position).getMoney\_asset()));  
 holder.**income**.setText(String.*valueOf*(**data**.get(position).getMoney\_anticipated\_income()));  
 holder.**endDate**.setText(**data**.get(position).getMoney\_endDate());  
 **return** convertView;  
 }  
  
 }  
}

*<?***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/linearLayout"  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**ListView  
 android:id="@+id/list"  
 android:layout\_marginTop="46dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 tools:listitem="@layout/fragment\_money\_finish"** />  
  
</**LinearLayout**>

其中在两个Fragment上加入Tab选择按钮显示目前位于哪个碎片中：

相关MainTabAdapter源码：

**package** chen.zucc.com.personalassistant.Manage\_money\_matters;  
  
**import** android.database.DataSetObserver;  
**import** android.support.v4.app.Fragment;  
**import** android.support.v4.app.FragmentPagerAdapter;  
**import** android.support.v7.app.AppCompatActivity;  
  
**import** com.github.kimkevin.slidingicontablayout.wigets.SlidingIconTabLayout;  
  
**public class** MainTabAdapter **extends** FragmentPagerAdapter **implements** SlidingIconTabLayout.TabIconProvider {  
 **private static final** String ***TAG*** = MainTabAdapter.**class**.getSimpleName();  
  
 **private static final** String ***iconTxt***[] = {  
 **"现持有"**,  
 **"已完成"** };  
  
 **public** MainTabAdapter(AppCompatActivity activity) {  
 **super**(activity.getSupportFragmentManager());  
 }  
  
 @Override  
 **public void** registerDataSetObserver(DataSetObserver observer) {  
 **super**.registerDataSetObserver(observer);  
 }  
  
 @Override  
 **public** Fragment getItem(**int** position) {  
 **return** MainFragment.*newInstance*(position);  
 }  
  
 @Override  
 **public int** getCount() {  
 **return *iconTxt***.**length**;  
 }  
  
 @Override  
 **public** CharSequence getPageTitle(**int** position) {  
 **return *iconTxt***[position];  
 }  
  
 @Override  
 **public int** getPageIconResId(**int** position) {  
 **return** 1;  
 }  
  
}

通过点击ListView中的条目以及点击添加按钮可进行跳转进入

资产详细信息界面：



用户在此界面中添加完整的投资信息，应用可通过后台编写的算法动态得计算出用户投资项目相关的本金、预期收益、累计收益；

InvestmentActivity源码

**package** chen.zucc.com.personalassistant.Manage\_money\_matters;  
  
**import** android.app.DatePickerDialog;  
**import** android.content.ContentValues;  
**import** android.content.Intent;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.DatePicker;  
**import** android.widget.EditText;  
**import** android.widget.ImageButton;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** java.math.BigDecimal;  
**import** java.sql.SQLDataException;  
**import** java.text.DateFormat;  
**import** java.text.ParseException;  
**import** java.text.SimpleDateFormat;  
**import** java.util.Calendar;  
**import** java.util.Date;  
  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.model.MoneyModel;  
  
**import static** chen.zucc.com.personalassistant.R.id.***editText***;  
  
**public class** InvestmentActivity **extends** AppCompatActivity {  
  
 **private** DataBaseHelper **dbHelper**;  
 **private** SQLiteDatabase **dbRead**, **dbWrite**;  
  
 **private** EditText **assetName**;  
 **private** EditText **asset**;  
 **private** EditText **yield**;  
 **private** TextView **beginDate**;  
 **private** TextView **endDate**;  
 **private** EditText **remark**;  
  
 **private** TextView **tvincome1**;  
 **private** TextView **tvincome2**;  
 **private** TextView **tvasset**;  
  
 **private** ImageButton **imageButton1**;  
 **private** ImageButton **imageButton2**;  
 **private** ImageButton **imageButtonback**;  
 **private** TextView **DateView1**;  
 **private** TextView **DateView2**;  
  
 **private int mYear**;  
 **private int mMonth**;  
 **private int mDay**;  
  
 **private** String **begintime**;  
 **private** String **endtime**;  
 **private** String **nowtime**;  
  
 **private** String **daystr**;  
 **private int dayint**;  
  
 **private** String **day2str**;  
 **private int day2int**;  
  
 **private** String **day3str**;  
 **private int day3int**;  
  
 **private** String **yieldstr**;  
 **private double yielddb**;  
  
 **private** String **assetstr**;  
 **private double assetdb**;  
 **private double assetdb\_2**;  
  
 **private double income1**;  
 **private double income1\_2**;  
 **private double income2**;  
 **private double income2\_2**;  
  
 **private int state**;  
  
*// public static final String EXTRA\_NOTE\_ID = "noteId";  
// public static final String EXTRA\_NOTE\_NAME = "noteName";  
// public static final String EXTRA\_NOTE\_CONTENT = "noteContent";* @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_money\_investment***);  
 MoneyModel moneyModel = (MoneyModel) getIntent().getSerializableExtra(**"data"**);  
 **tvincome1** = (TextView) findViewById(R.id.***textView1***);  
 **tvincome2** = (TextView) findViewById(R.id.***textView5***);  
 **tvasset** = (TextView) findViewById(R.id.***textView3***);  
  
 **assetName** = (EditText) findViewById(R.id.***editText1***);  
 **asset** = (EditText) findViewById(R.id.***editText2***);  
 **yield** = (EditText) findViewById(R.id.***editText3***);  
 **beginDate** = (TextView) findViewById(R.id.***DateView1***);  
 **endDate** = (TextView) findViewById(R.id.***DateView2***);  
 **remark** = (EditText) findViewById(R.id.***editText4***);  
 **imageButtonback** = (ImageButton) findViewById(R.id.***imageButton\_back***);  
  
 *//传入数据内容* **if** (moneyModel != **null**) {  
 **tvasset**.setText(String.*valueOf*(moneyModel.getMoney\_asset()));  
 **tvincome1**.setText(String.*valueOf*(moneyModel.getMoney\_anticipated\_income()));  
 **tvincome2**.setText(String.*valueOf*(moneyModel.getMoney\_accumulated\_income()));  
 **assetName**.setText(moneyModel.getMoney\_assetName());  
 **asset**.setText(String.*valueOf*(moneyModel.getMoney\_asset()));  
 **yield**.setText(String.*valueOf*(moneyModel.getMoney\_yield()));  
 **beginDate**.setText(moneyModel.getMoney\_beginDate());  
 **endDate**.setText(moneyModel.getMoney\_endDate());  
 **remark**.setText(moneyModel.getMoney\_remark());  
 }  
 ImageButton imageButton1 = (ImageButton) findViewById(R.id.***imageBtn\_1***);  
 **final** TextView beginDate = (TextView) findViewById(R.id.***DateView1***);  
 ImageButton imageButton2 = (ImageButton) findViewById(R.id.***imageBtn\_2***);  
 **final** TextView endDate = (TextView) findViewById(R.id.***DateView2***);  
 ImageButton imageButton3 = (ImageButton) findViewById(R.id.***imgbtnpublish***);  
  
 **dbHelper** = **new** DataBaseHelper(**this**, **"PersonalAssistant.db"**, **null**, 1);  
  
 **dbRead** = **dbHelper**.getReadableDatabase();  
 **dbWrite** = **dbHelper**.getWritableDatabase();  
  
 *// 初始化Calendar日历对象，获取当前时间* **final** Calendar c = Calendar.*getInstance*();  
 **mYear** = c.get(Calendar.***YEAR***);*// 获取年份* **mMonth** = c.get(Calendar.***MONTH***);*// 获取月份* **mDay** = c.get(Calendar.***DAY\_OF\_MONTH***);*// 获取天数* **nowtime** = String.*format*(**"%d-%d-%d"**, **mYear**, **mMonth** + 1, **mDay**);  
  
 **imageButtonback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(InvestmentActivity.**this**, Asset\_AnalysisActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
  
 imageButton1.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **new** DatePickerDialog(InvestmentActivity.**this**, **new** DatePickerDialog.OnDateSetListener() {  
 @Override  
 **public void** onDateSet(DatePicker view, **int** year1, **int** monthOfYear1, **int** dayOfMonth1) {  
 beginDate.setText(String.*format*(**"%d-%d-%d"**, year1, monthOfYear1 + 1, dayOfMonth1));  
 }  
  
 }, **mYear**, **mMonth**, **mDay** + 1).show();  
 }  
 });  
  
  
 imageButton2.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **new** DatePickerDialog(InvestmentActivity.**this**, **new** DatePickerDialog.OnDateSetListener() {  
 @Override  
 **public void** onDateSet(DatePicker view, **int** year2, **int** monthOfYear2, **int** dayOfMonth2) {  
 endDate.setText(String.*format*(**"%d-%d-%d"**, year2, monthOfYear2 + 1, dayOfMonth2));  
 }  
  
 }, **mYear**, **mMonth**, **mDay** + 1).show();  
  
 }  
 });  
  
 imageButton3.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if** (**assetName**.length() == 0 || **asset**.length() == 0 || **yield**.length() == 0  
 || TextUtils.*isEmpty*(endDate.getText()) || TextUtils.*isEmpty*(beginDate.getText())) {  
 Toast.*makeText*(InvestmentActivity.**this**, **"请输入完整信息！"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 **begintime** = beginDate.getText().toString();  
 **endtime** = endDate.getText().toString();  
 **daystr** = getTimeExpend(**begintime**, **endtime**);  
 **dayint** = Integer.*valueOf*(**daystr**).intValue();  
  
 **day2str** = getTimeExpend(**begintime**, **nowtime**);  
 **day2int** = Integer.*valueOf*(**day2str**).intValue();  
  
 **day3str** = getTimeExpend(**nowtime**, **endtime**);  
 **day3int** = Integer.*valueOf*(**day3str**).intValue();  
  
 **if** (**dayint** <= 0) {  
 Toast.*makeText*(InvestmentActivity.**this**, **"项目日期有误，请重新选择！"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
  
*// Log.d("InvestmentActivity ", "day1 " + dayint);  
// Log.d("InvestmentActivity ", "day2 " + day2int);  
// Log.d("InvestmentActivity ", "day3 " + day3int);* **assetstr** = **asset**.getText().toString();  
 **assetdb** = Double.*parseDouble*(**assetstr**);  
 **yieldstr** = **yield**.getText().toString();  
 **yielddb** = Double.*parseDouble*(**yieldstr**);  
  
 **income1** = **assetdb** \* **yielddb** / 100 \* **dayint** / 365;*//计算预期收益* **income2** = **assetdb** \* **yielddb** / 100 \* **day2int** / 365;*//计算累计收益  
// Log.d("InvestmentActivity ", "income1 " + income1);  
// Log.d("InvestmentActivity ", "income2 " + income2);* BigDecimal bg1 = **new** BigDecimal(**income1**);*//保留两位小数* **income1\_2** = bg1.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 BigDecimal bg2 = **new** BigDecimal(**income2**);  
 **income2\_2** = bg2.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 BigDecimal bg3 = **new** BigDecimal(**assetdb**);  
 **assetdb\_2** = bg3.setScale(2, BigDecimal.***ROUND\_HALF\_UP***).doubleValue();  
  
 **if** (**day3int** <= 0) { *//做状态判断* **state** = 1; *//已完成* } **else** {  
 **state** = 0; *//未完成* }  
  
 **if** (**income2** <= 0) {  
 **income2\_2** = 0;  
 **tvincome2**.setText(**"+"** + String.*valueOf*(**income2\_2**));  
*// tvincome2.setText("+0.00");* } **else** {  
 **tvincome2**.setText(**"+"** + String.*valueOf*(**income2\_2**));  
 }  
  
 saveNote();  
 saveSortNote();  
 **tvincome1**.setText(**"+"** + String.*valueOf*(**income1\_2**));  
 **tvasset**.setText(String.*valueOf*(**assetdb\_2**));  
  
  
 Toast.*makeText*(InvestmentActivity.**this**, **"项目添加成功"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(InvestmentActivity.**this**, Asset\_AnalysisActivity.**class**);  
 startActivity(intent);  
 finish();  
 setResult(***RESULT\_OK***);  
 }  
 }  
  
*// try {  
//// Date d1 = df.parse("2006-05-26 12:00:00");  
//// Date d2 = df.parse("2006-07-02 11:20:00");  
//  
// Date d1 = df.parse("begintime");  
// Date d2 = df.parse("endtime");  
// long diff = d2.getTime() - d1.getTime();  
// long days = diff / (1000 \* 60 \* 60 \* 24);  
// System.out.println(""+days+"天");  
// Log.d( "InvestmentActivity ", "day "+ days);  
// } catch (ParseException e) {  
// System.out.println("error");  
// e.printStackTrace();  
// }* }  
 });  
 }  
  
 **private long** getTimeMillis(String strTime) {  
 **long** returnMillis = 0;  
*// SimpleDateFormat sdf = new SimpleDateFormat("yyyy/MM/dd HH:mm");* SimpleDateFormat sdf = **new** SimpleDateFormat(**"yyyy-MM-dd"**);  
 Date d = **null**;  
 **try** {  
 d = sdf.parse(strTime);  
 returnMillis = d.getTime();  
 } **catch** (ParseException e) {  
 Toast.*makeText*(InvestmentActivity.**this**, e.toString(), Toast.***LENGTH\_SHORT***).show();  
 }  
 **return** returnMillis;  
 }  
  
 **private** String getTimeExpend(String startTime, String endTime) {  
 *//传入字串类型 2016/06/28 08:30* **long** longStart = getTimeMillis(startTime); *//获取开始时间毫秒数* **long** longEnd = getTimeMillis(endTime); *//获取结束时间毫秒数* **long** longExpend = longEnd - longStart; *//获取时间差* **long** longDay = longExpend / (60 \* 60 \* 1000 \* 24);*//根据时间差来计算天数  
// long longHours = longExpend / (60 \* 60 \* 1000); //根据时间差来计算小时数  
// long longMinutes = (longExpend - longHours \* (60 \* 60 \* 1000)) / (60 \* 1000); //根据时间差来计算分钟数* String day = String.*valueOf*(longDay);  
 **return** day;  
 }  
  
  
 **public int** saveNote() {  
 ContentValues cv = **new** ContentValues();  
 cv.put(**"Money\_assetName"**, **assetName**.getText().toString());  
 cv.put(**"Money\_asset"**, **assetdb\_2**);  
 cv.put(**"Money\_yield"**, **yielddb**);  
 cv.put(**"Money\_beginDate"**, **beginDate**.getText().toString());  
 cv.put(**"Money\_endDate"**, **endDate**.getText().toString());  
 cv.put(**"Money\_remark"**, **remark**.getText().toString());  
 cv.put(**"Money\_anticipated\_income"**, **income1\_2**);*//预期* cv.put(**"Money\_accumulated\_income"**, **income2\_2**);*//累计* cv.put(**"Money\_state"**, **state**);  
*// cv.put(NotesDB.COLUMN\_NAME\_NOTE\_CONTENT, etContent.getText().toString());  
// cv.put(NotesDB.COLUMN\_NAME\_NOTE\_DATE, new SimpleDateFormat(  
// "yyyy-MM-dd hh:mm:ss").format(new Date()));  
//  
// if (noteId > -1) {  
// dbWrite.update(NotesDB.TABLE\_NAME\_NOTES, cv, NotesDB.COLUMN\_NAME\_ID  
// + "=?", new String[]{noteId + ""});  
// return noteId;  
// } else {* **return** (**int**) **dbWrite**.insert(**"Money"**, **null**, cv);  
  
 }  
  
 **public int** saveSortNote() {  
 ContentValues cv = **new** ContentValues();  
 cv.put(**"SortMoney\_money"**, **assetdb\_2**);  
 cv.put(**"SortMoney\_income"**, **income1\_2**);  
 cv.put(**"SortMoney\_capital"**, **income2\_2**);  
 cv.put(**"SortMoney\_state"**, **state**);  
 **return** (**int**) **dbWrite**.insert(**"SortMoney"**, **null**, cv);  
 }  
  
 */\*\*  
 \* 复写Activity的生命周期方法，用于关闭读写数据库的操作  
 \*/* @Override  
 **protected void** onDestroy() {  
 **dbRead**.close();  
 **dbWrite**.close();  
 **super**.onDestroy();  
 }  
  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context="chen.zucc.com.personalassistant.Manage\_money\_matters.InvestmentActivity"**>  
  
 <**ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:background="@color/white"  
 android:elevation="2dp"**>  
  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="24dp"  
 android:text="预计收益（元）"  
 android:textSize="22sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/textView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="+00.00"  
 android:textColor="@color/blue"  
 android:textSize="22sp"  
 android:textStyle="bold"  
 android:maxLength="9"**/>  
  
 <**View  
 android:id="@+id/view"  
 android:layout\_width="1dp"  
 android:layout\_height="50dp"  
 android:layout\_below="@+id/textView"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="80dp"  
 android:background="@color/grey"** />  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignTop="@+id/view"  
 android:layout\_marginStart="50dp"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:text="投资总额（元）"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="12dp"  
 android:text="00.00"  
 android:textSize="16sp"  
 android:textStyle="normal"  
 android:maxLength="9"**/>  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignTop="@+id/view"  
 android:layout\_marginStart="50dp"  
 android:layout\_toEndOf="@+id/view"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="累计收益（元）"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="12dp"  
 android:text="+00.00"  
 android:textColor="@color/blue"  
 android:textSize="16sp"  
 android:textStyle="normal"  
 android:maxLength="9"**/>  
  
 </**LinearLayout**>  
  
 <**ImageButton  
 android:id="@+id/imageButton\_back"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="12dp"  
 android:layout\_marginTop="12dp"  
 android:background="#00000000"  
 android:padding="4dp"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_back"** />  
  
 </**RelativeLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@color/lightgrey"  
 android:orientation="horizontal"  
 android:weightSum="1"**>  
  
 <**TextView  
 android:layout\_width="120dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:background="@color/lightgrey"  
 android:paddingLeft="16dp"  
 android:text="项目详情"  
 android:textSize="22sp"** />  
  
 <**ImageButton  
 android:id="@+id/imgbtnpublish"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_marginStart="200dp"  
 android:layout\_marginTop="4dp"  
 android:background="#00000000"  
 android:padding="4dp"  
 android:scaleType="centerCrop"  
 android:src="@mipmap/ic\_action\_publish"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="投资项目："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**EditText  
 android:id="@+id/editText1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:ems="10"  
 android:hint=" 项目名称"  
 android:inputType="textPersonName"  
 android:theme="@style/MyEditText"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="投资本金："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**EditText  
 android:id="@+id/editText2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:ems="10"  
 android:hint=" 投资金额（元）"  
 android:inputType="numberDecimal"  
 android:theme="@style/MyEditText"** />  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="预期年化收益率："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**EditText  
 android:id="@+id/editText3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:ems="4"  
 android:inputType="numberDecimal"  
 android:theme="@style/MyEditText"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="%"  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:paddingBottom="8dp"  
 android:paddingTop="8dp"  
 android:text="投资起始时间为："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/DateView1"  
 android:layout\_width="150dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:textSize="18sp"  
 android:textStyle="normal"** />  
  
 <**ImageButton  
 android:id="@+id/imageBtn\_1"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_marginEnd="16dp"  
 android:background="#00000000"  
 android:scaleType="centerCrop"  
 android:src="@mipmap/ic\_action\_schedule1"** />  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
  
 <**TextView  
 android:id="@+id/textView8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:paddingBottom="8dp"  
 android:paddingTop="8dp"  
 android:text="投资结束时间为："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/DateView2"  
 android:layout\_width="150dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:textSize="18sp"  
 android:textStyle="normal"** />  
  
 <**ImageButton  
 android:id="@+id/imageBtn\_2"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"  
 android:layout\_marginEnd="16dp"  
 android:background="#00000000"  
 android:scaleType="centerCrop"  
 android:src="@mipmap/ic\_action\_schedule1"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:paddingBottom="4dp"  
 android:paddingTop="4dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:text="项目备注："  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**EditText  
 android:id="@+id/editText4"  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:ems="20"  
 android:inputType="textPersonName"  
 android:theme="@style/MyEditText"** />  
  
 </**LinearLayout**>  
  
 </**LinearLayout**>  
  
 </**ScrollView**>  
  
</**LinearLayout**>

此功能相关数据存取类MoneyModel：

**package** chen.zucc.com.personalassistant.model;  
  
**import** java.io.Serializable;  
  
*/\*\*  
 \* Created by 陈若韬 on 2017/7/13.  
 \*/***public class** MoneyModel **implements** Serializable {  
  
 **private int id**;  
 **private** String **Money\_assetName**;  
 **private double Money\_asset**;  
 **private double Money\_yield**;  
 **private** String **Money\_beginDate**;  
 **private** String **Money\_endDate**;  
 **private** String **Money\_remark**;  
 **private int Money\_state**;  
 **private double Money\_anticipated\_income**;  
 **private double Money\_accumulated\_income**;  
  
 **public** String getMoney\_assetName() {  
 **return Money\_assetName**;  
 }  
  
 **public void** setMoney\_assetName(String money\_assetName) {  
 **Money\_assetName** = money\_assetName;  
 }  
  
 **public double** getMoney\_asset() {  
 **return Money\_asset**;  
 }  
  
 **public void** setMoney\_asset(**double** money\_asset) {  
 **Money\_asset** = money\_asset;  
 }  
  
 **public double** getMoney\_yield() {  
 **return Money\_yield**;  
 }  
  
 **public void** setMoney\_yield(**double** money\_yield) {  
 **Money\_yield** = money\_yield;  
 }  
  
 **public** String getMoney\_beginDate() {  
 **return Money\_beginDate**;  
 }  
  
 **public void** setMoney\_beginDate(String money\_beginDate) {  
 **Money\_beginDate** = money\_beginDate;  
 }  
  
 **public** String getMoney\_endDate() {  
 **return Money\_endDate**;  
 }  
  
 **public void** setMoney\_endDate(String money\_endDate) {  
 **Money\_endDate** = money\_endDate;  
 }  
  
 **public** String getMoney\_remark() {  
 **return Money\_remark**;  
 }  
  
 **public void** setMoney\_remark(String money\_remark) {  
 **Money\_remark** = money\_remark;  
 }  
  
 **public int** getMoney\_state() {  
 **return Money\_state**;  
 }  
  
 **public void** setMoney\_state(**int** money\_state) {  
 **Money\_state** = money\_state;  
 }  
  
 **public double** getMoney\_anticipated\_income() {  
 **return Money\_anticipated\_income**;  
 }  
  
 **public void** setMoney\_anticipated\_income(**double** money\_anticipated\_income) {  
 **Money\_anticipated\_income** = money\_anticipated\_income;  
 }  
  
 **public double** getMoney\_accumulated\_income() {  
 **return Money\_accumulated\_income**;  
 }  
  
 **public void** setMoney\_accumulated\_income(**double** money\_accumulated\_income) {  
 **Money\_accumulated\_income** = money\_accumulated\_income;  
 }  
  
  
 **public int** getId() {  
 **return id**;  
 }  
  
 **public void** setId(**int** id) {  
 **this**.**id** = id;  
 }  
}

1. 用户个人主页及相关设置界面

用户个人主页：



用户个人主页主要展示的功能为针对设置界面的跳转、日夜间模式切换、基于百度API的位置定位获取；

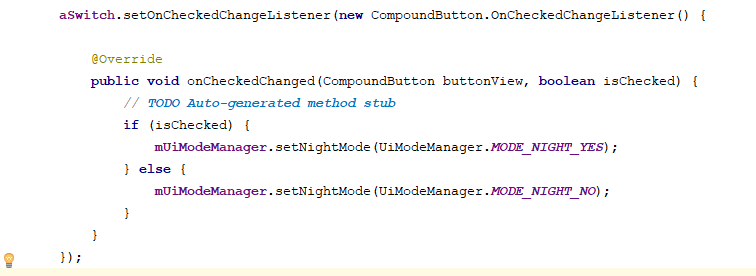
日夜间模式切换：实现方法为预先定义两套颜色配置文件，并使用Android原生的颜色切换方法完成模式切换：

Color：*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**color name="colorPrimary"**>#3F51B5</**color**>  
 <**color name="colorPrimaryDark"**>#303F9F</**color**>  
 <**color name="colorAccent"**>#FF4081</**color**>  
  
 <**color name="teal"**>#00796B</**color**>  
 <**color name="brown"**>#8D6E63</**color**>  
 <**color name="blue"**>#1296db</**color**>  
 <**color name="grey"**>#bfbfbf</**color**>  
 <**color name="orange"**>#f29840</**color**>  
 <**color name="white"**>#ffffff</**color**>  
 <**color name="black"**>#BB030303</**color**>  
 <**color name="lightgrey"**>#e6e6e6</**color**>  
  
 <**color name="text"**>#C8050505</**color**>  
 <**color name="background"**>@android:color/white</**color**>  
 <**color name="buttonBackground"**>@android:color/darker\_gray</**color**>  
  
 <**color name="nightColorPrimary"**>#3b3b3b</**color**>  
 <**color name="nightColorPrimaryDark"**>#383838</**color**>  
 <**color name="nightColorAccent"**>#a72b55</**color**>  
  
  
</**resources**>

Color（Night）：

*<?***xml version="1.0" encoding="utf-8"***?>*<**resources**>  
 <**color name="text"**>@android:color/white</**color**>  
 <**color name="background"**>#C8050505</**color**>  
 <**color name="buttonBackground"**>@android:color/darker\_gray</**color**>  
  
  
 <**color name="teal"**>#00796B</**color**>  
 <**color name="brown"**>#8D6E63</**color**>  
 <**color name="blue"**>#C8050505</**color**>  
 <**color name="grey"**>#bfbfbf</**color**>  
 <**color name="orange"**>#f29840</**color**>  
 <**color name="white"**>#ffffff</**color**>  
 <**color name="black"**>#BB030303</**color**>  
 <**color name="lightgrey"**>#e6e6e6</**color**>/  
  
 <**color name="colorPrimary"**>@android:color/darker\_gray</**color**>  
 <**color name="colorPrimaryDark"**>@android:color/black</**color**>  
</**resources**>

实现方法：



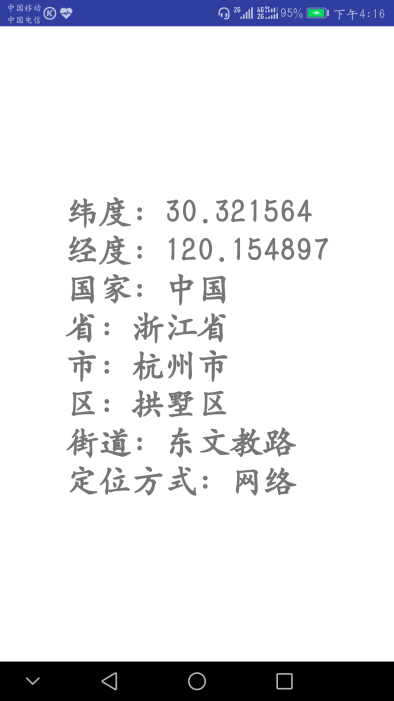
个人主页HomepageActivity源码

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.app.Dialog;  
**import** android.app.UiModeManager;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatDelegate;  
**import** android.support.v7.widget.CardView;  
**import** android.view.Gravity;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.view.WindowManager;  
**import** android.widget.Button;  
**import** android.widget.CompoundButton;  
**import** android.widget.ImageButton;  
**import** android.widget.ImageView;  
**import** android.widget.Switch;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.ashokvarma.bottomnavigation.BottomNavigationBar;  
**import** com.ashokvarma.bottomnavigation.BottomNavigationItem;  
  
**import** java.math.BigDecimal;  
  
**import** butterknife.ButterKnife;  
**import** butterknife.OnClick;  
**import** chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
**import** chen.zucc.com.personalassistant.Income\_expenses.Income\_expensesActivity;  
**import** chen.zucc.com.personalassistant.Manage\_money\_matters.Manager\_money\_mattersActivity;  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.Schedule.ScheduleActivity;  
**import** chen.zucc.com.personalassistant.util.DensityUtil;  
  
**public class** homepage **extends** AppCompatActivity **implements** BottomNavigationBar.OnTabSelectedListener {  
 *// 默认是日间模式* **private** BottomNavigationBar **bottomNavigationBar**;  
 **int lastSelectedPosition** = 3;  
 **private** ImageButton **imageButton**;  
 **private** ImageButton **imageButton2**;  
 **private** DataBaseHelper **dbHelper**;  
 **private** SQLiteDatabase **db**;  
 **private** Switch **aSwitch**;  
 **private** Button **button**;  
 **private** CardView **cardView1**;  
 **private** TextView **tv1**;  
  
 **private** UiModeManager **mUiModeManager** = **null**;  
  
 **int count** = 1;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 **mUiModeManager** = (UiModeManager) getSystemService(Context.***UI\_MODE\_SERVICE***);  
  
 setContentView(R.layout.***activity\_homepage***);  
*// getWindow().setFlags(WindowManager.LayoutParams.FLAG\_FULLSCREEN,  
// WindowManager.LayoutParams.FLAG\_FULLSCREEN);//为了隐藏手机状态栏* **aSwitch** = (Switch) findViewById(R.id.***switchover***);  
  
  
 BottomNavigationBar bottomNavigationBar = (BottomNavigationBar) findViewById(R.id.***bottom\_navigation\_bar***);  
 bottomNavigationBar.setMode(BottomNavigationBar.***MODE\_FIXED***);  
  
*// BadgeItem numberBadgeItem = new BadgeItem()  
// .setBorderWidth(4)  
// .setBackgroundColor(Color.RED)  
// .setText("5")  
// .setHideOnSelect(true);* bottomNavigationBar  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_schedule***, **"日程安排"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_bill***, **"账本记录"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_managemoney***, **"财富管理"**).setActiveColorResource(R.color.***blue***))  
 .addItem(**new** BottomNavigationItem(R.mipmap.***ic\_action\_person***, **"个人主页"**).setActiveColorResource(R.color.***blue***))  
  
 .setFirstSelectedPosition(**lastSelectedPosition**)  
 .setBackgroundStyle(BottomNavigationBar.***BACKGROUND\_STYLE\_STATIC***)  
 .initialise();  
 bottomNavigationBar.setTabSelectedListener(**this**);  
  
 ButterKnife.*bind*(**this**);  
  
 ImageButton imageButton = (ImageButton) findViewById(R.id.***imageButton***);  
 imageButton.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(homepage.**this**, SettingActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 ImageButton imageButton2 = (ImageButton) findViewById(R.id.***imageButton2***);  
 imageButton2.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 show2();  
 *//break;* }  
 });  
 **cardView1** = (CardView) findViewById(R.id.***cardview1***); *//点击转到位置的界面* **cardView1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent();  
 intent.setClass(homepage.**this**, Home\_mapActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 **aSwitch**.setOnCheckedChangeListener(**new** CompoundButton.OnCheckedChangeListener() {  
  
 @Override  
 **public void** onCheckedChanged(CompoundButton buttonView, **boolean** isChecked) {  
 *//* ***TODO Auto-generated method stub* if** (isChecked) {  
 **mUiModeManager**.setNightMode(UiModeManager.***MODE\_NIGHT\_YES***);  
 } **else** {  
 **mUiModeManager**.setNightMode(UiModeManager.***MODE\_NIGHT\_NO***);  
 }  
 }  
 });  
  
*//  
// BigDecimal bg1 = new BigDecimal(getsum1() / getsum() \* 100);//保留两位小数  
// double shouyi = bg1.setScale(2, BigDecimal.ROUND\_HALF\_UP).doubleValue();  
// tv1 = (TextView) findViewById(R.id.shouyilv);  
// tv1.setText("您的收益率为:" + String.valueOf(shouyi) + "%");* }  
  
*// public double getsum1() {  
// double income;  
// dbHelper = new DataBaseHelper(this, "PersonalAssistant.db", null, 1);  
// db = dbHelper.getReadableDatabase();  
// Cursor sum0 = db.rawQuery("select sum(SortMoney\_income) from SortMoney", null);  
// sum0.moveToNext();  
// if (sum0.getCount()!=0) {  
// income = sum0.getDouble(sum0.getColumnIndex("sum(SortMoney\_income)"));  
// } else {  
// income = 0;  
// }  
//// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));  
// return income;  
// }  
//  
//  
// public double getsum() {  
// double benjin;  
// dbHelper = new DataBaseHelper(this, "PersonalAssistant.db", null, 1);  
// db = dbHelper.getReadableDatabase();  
// Cursor sum0 = db.rawQuery("select sum(SortMoney\_money) from SortMoney where SortMoney\_state=0", null);  
// sum0.moveToNext();  
// Cursor sum1 = db.rawQuery("select sum(SortMoney\_money) from SortMoney where SortMoney\_state=1", null);  
// sum1.moveToNext();  
// if (sum0.getCount()!= 0 || sum1.getCount()!= 0) {  
// benjin = sum0.getDouble(sum0.getColumnIndex("sum(SortMoney\_money)"))  
// + sum1.getDouble(sum1.getColumnIndex("sum(SortMoney\_money)"));  
// } else {  
// benjin = 0;  
// }  
//// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));  
// return benjin;  
// }* **private void** show2() {  
 Dialog bottomDialog = **new** Dialog(**this**, R.style.***BottomDialog***);  
 View contentView = LayoutInflater.*from*(**this**).inflate(R.layout.***dialog\_content\_circle***, **null**);  
 bottomDialog.setContentView(contentView);  
 ViewGroup.MarginLayoutParams params = (ViewGroup.MarginLayoutParams) contentView.getLayoutParams();  
 params.**width** = getResources().getDisplayMetrics().**widthPixels** - DensityUtil.*dp2px*(**this**, 16f);  
 params.**bottomMargin** = DensityUtil.*dp2px*(**this**, 8f);  
 contentView.setLayoutParams(params);  
 bottomDialog.getWindow().setGravity(Gravity.***BOTTOM***);  
 bottomDialog.getWindow().setWindowAnimations(R.style.***BottomDialog\_Animation***);  
 bottomDialog.show();  
 }  
  
  
 **public void** onTabSelected(**int** position) {  
 **lastSelectedPosition** = position;  
 **switch** (position) {  
 **case** 0:  
 Intent intent0 = **new** Intent(**this**, ScheduleActivity.**class**);  
 **this**.startActivity(intent0);  
 **break**;  
  
 **case** 1:  
 Intent intent1 = **new** Intent(**this**, Income\_expensesActivity.**class**);  
 **this**.startActivity(intent1);  
 **break**;  
  
 **case** 2:  
 Intent intent2 = **new** Intent(**this**, Manager\_money\_mattersActivity.**class**);  
 **this**.startActivity(intent2);  
 **break**;  
  
 **case** 3:  
 Intent intent3 = **new** Intent(**this**, homepage.**class**);  
 **this**.startActivity(intent3);  
 **break**;  
 }  
  
 }  
  
 @Override  
 **public void** onTabUnselected(**int** position) {  
  
 }  
  
 @Override  
 **public void** onTabReselected(**int** position) {  
  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/background"  
 android:orientation="vertical"  
 tools:context="chen.zucc.com.personalassistant.Personal\_homepage.homepage"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="236dp"**>  
  
 <**ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:scaleType="centerCrop"  
 android:src="@drawable/homepage\_img1"** />  
  
 <**TextView  
 android:id="@+id/textView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBottom="@+id/imageView"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_toEndOf="@+id/roundedImageView"  
 android:text="昨夜辰曦"  
 android:textColor="@color/white"  
 android:textSize="16sp"  
 android:textStyle="normal"** />  
  
 <**com.makeramen.roundedimageview.RoundedImageView  
 android:id="@+id/roundedImageView"  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginRight="4dp"  
 android:layout\_marginStart="33dp"  
 android:src="@drawable/homepage\_head\_portrait"  
 app:riv\_oval="true"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton"  
 android:layout\_width="48dp"  
 android:layout\_height="48dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:background="#00000000"  
 android:padding="4dp"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_settings"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton2"  
 android:layout\_width="48dp"  
 android:layout\_height="48dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentTop="true"  
 android:background="#00000000"  
 android:onClick="popupmenu"  
 android:padding="8dp"  
 android:scaleType="centerCrop"  
 app:srcCompat="@mipmap/ic\_action\_menu"** />  
  
  
 <**Switch  
 android:id="@+id/switchover"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginEnd="24dp"  
 android:text="切换模式 "  
 android:textOff="日"  
 android:textOn="夜"** />  
  
 </**RelativeLayout**>  
  
 <**ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="320dp"**>  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cardview1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="300dp"  
 android:layout\_margin="16dp"**>  
  
 <**LinearLayout  
 android:id="@+id/linearLayout4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:orientation="vertical"**>  
  
 <**ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="240dp"  
 android:scaleType="centerCrop"  
 android:src="@drawable/homepage\_map"** />  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#ffffff"**>  
  
 <**TextView  
 android:id="@+id/card\_name4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginRight="16dp"  
 android:layout\_marginTop="8dp"  
 android:text="实时定位"  
 android:textSize="16sp"** />  
  
 <**TextView  
 android:id="@+id/author4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginRight="16dp"  
 android:layout\_marginTop="28dp"  
 android:text="获取我的位置"  
 android:textSize="14sp"** />  
  
 </**RelativeLayout**>  
 </**LinearLayout**>  
  
 </**android.support.v7.widget.CardView**>  
  
 *<!--<android.support.v7.widget.CardView-->  
 <!--android:layout\_width="match\_parent"-->  
 <!--android:layout\_height="100dp"-->  
 <!--android:layout\_margin="16dp">-->  
 <!--<RelativeLayout-->  
 <!--android:layout\_width="match\_parent"-->  
 <!--android:layout\_height="match\_parent">-->  
  
 <!--<TextView-->  
 <!--android:id="@+id/shouyilv"-->  
 <!--android:layout\_width="wrap\_content"-->  
 <!--android:layout\_height="wrap\_content"-->  
 <!--android:layout\_centerHorizontal="true"-->  
 <!--android:layout\_centerVertical="true"-->  
 <!--android:textSize="30dp"-->  
 <!--android:textStyle="bold"/>-->  
 <!--</RelativeLayout>-->  
 <!--</android.support.v7.widget.CardView>-->* </**LinearLayout**>  
 </**ScrollView**>  
  
 <**FrameLayout  
 android:id="@+id/layFrame"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"**></**FrameLayout**>  
  
 <**com.ashokvarma.bottomnavigation.BottomNavigationBar  
 android:id="@+id/bottom\_navigation\_bar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom"** />  
  
</**LinearLayout**>

地图定位



MapActivity源码

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.pm.PackageManager;  
**import** android.os.AsyncTask;  
**import** android.support.v4.app.ActivityCompat;  
**import** android.support.v4.app.NotificationCompat;  
**import** android.support.v4.content.ContextCompat;  
**import** android.support.v4.os.UserManagerCompat;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.baidu.location.BDLocation;  
**import** com.baidu.location.BDLocationListener;  
**import** com.baidu.location.LocationClient;  
**import** com.baidu.location.LocationClientOption;  
**import** com.baidu.mapapi.SDKInitializer;  
**import** com.baidu.mapapi.map.MapView;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**import** android.Manifest;  
  
**import** chen.zucc.com.personalassistant.R;  
  
**public class** Home\_mapActivity **extends** AppCompatActivity {  
  
 **public** LocationClient **mLocationClient**;  
 **private** TextView **positionText**;  
 **private** MapView **mapView**;  
  
 **public static final int *UPDATE\_TEXT*** = 1;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 **mLocationClient** = **new** LocationClient(getApplicationContext());  
 **mLocationClient**.registerLocationListener(**new** MyLocationListener());  
 setContentView(R.layout.***activity\_homepage\_map***);  
 **positionText** = (TextView) findViewById(R.id.***position\_text\_view***);  
 SDKInitializer.*initialize*(getApplicationContext());  
*// mapView = (MapView)findViewById(R.id.bmapView);* List<String> permissionList = **new** ArrayList<>();  
 **if** (ContextCompat.*checkSelfPermission*(Home\_mapActivity.**this**, Manifest.  
 permission.***ACCESS\_FINE\_LOCATION***) != PackageManager.***PERMISSION\_GRANTED***) {  
 permissionList.add(Manifest.permission.***ACCESS\_FINE\_LOCATION***);  
 }  
 **if** (ContextCompat.*checkSelfPermission*(Home\_mapActivity.**this**, Manifest.  
 permission.***READ\_PHONE\_STATE***) != PackageManager.***PERMISSION\_GRANTED***) {  
 permissionList.add(Manifest.permission.***READ\_PHONE\_STATE***);  
 }  
 **if** (ContextCompat.*checkSelfPermission*(Home\_mapActivity.**this**, Manifest.  
 permission.***WRITE\_EXTERNAL\_STORAGE***) != PackageManager.***PERMISSION\_GRANTED***) {  
 permissionList.add(Manifest.permission.***WRITE\_EXTERNAL\_STORAGE***);  
 }  
 **if** (!permissionList.isEmpty()) {  
 String[] permissions = permissionList.toArray(  
 **new** String[permissionList.size()]);  
 ActivityCompat.*requestPermissions*(Home\_mapActivity.**this**, permissions, 1);  
 } **else** {  
 requestLocation();  
 }  
 }  
  
 **private void** requestLocation() {  
 initLocation();  
 **mLocationClient**.start();  
 }  
  
 **private void** initLocation() {  
 LocationClientOption option = **new** LocationClientOption();  
 option.setScanSpan(5000);  
 option.setIsNeedAddress(**true**);  
 **mLocationClient**.setLocOption(option);  
 }  
  
 **protected void** onDestroy() {  
 **super**.onDestroy();  
 **mLocationClient**.stop();  
*// mapView.onDestroy();* }  
  
*// protected void onResume(){  
// super.onResume();  
// mapView.onResume();  
// }  
// protected void onPause(){  
// super.onPause();  
// mapView.onPause();  
// }* @Override  
 **public void** onRequestPermissionsResult(**int** requestCode, String[] permissions, **int**[] grantResults) {  
 **switch** (requestCode) {  
 **case** 1:  
 **if** (grantResults.**length** > 0) {  
 **for** (**int** result : grantResults) {  
 **if** (result != PackageManager.***PERMISSION\_GRANTED***) {  
 Toast.*makeText*(**this**, **"必须同意所有权限才能使用本程序"**, Toast.***LENGTH\_SHORT***).show();  
 finish();  
 **return**;  
 }  
 }  
 requestLocation();  
 } **else** {  
 Toast.*makeText*(**this**, **"发现未知错误"**, Toast.***LENGTH\_SHORT***).show();  
 finish();  
 }  
 **break**;  
 **default**:  
 }  
 }  
  
 **public class** MyLocationListener **implements** BDLocationListener {  
 @Override  
 **public void** onReceiveLocation(BDLocation location) {  
 **new** MyTask().execute(location);  
 }  
  
 @Override  
 **public void** onConnectHotSpotMessage(String s, **int** i) {  
  
 }  
  
  
 }  
  
 **public class** MyTask **extends** AsyncTask<BDLocation, Void, String> {  
  
 @Override  
 **protected** String doInBackground(BDLocation... locations) {  
 BDLocation location = locations[0];  
 StringBuilder currentPosition = **new** StringBuilder();  
 currentPosition.append(**"纬度："**).append(location.getLatitude()).append(**"\n"**);  
 currentPosition.append(**"经度："**).append(location.getLongitude()).append(**"\n"**);  
 currentPosition.append(**"国家："**).append(location.getCountry()).append(**"\n"**);  
 currentPosition.append(**"省："**).append(location.getProvince()).append(**"\n"**);  
 currentPosition.append(**"市："**).append(location.getCity()).append(**"\n"**);  
 currentPosition.append(**"区："**).append(location.getDistrict()).append(**"\n"**);  
 currentPosition.append(**"街道："**).append(location.getStreet()).append(**"\n"**);  
 currentPosition.append(**"定位方式："**);  
 **if** (location.getLocType() == BDLocation.***TypeGpsLocation***) {  
 currentPosition.append(**"GPS"**);  
 } **else if** (location.getLocType() == BDLocation.***TypeNetWorkLocation***) {  
 currentPosition.append(**"网络"**);  
 }  
 **return** currentPosition.toString();  
  
 }  
  
 @Override  
 **protected void** onPostExecute(String currentPosition) {  
 **positionText**.setText(currentPosition);  
 }  
 }  
}

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="@color/background"  
 tools:context="chen.zucc.com.personalassistant.Personal\_homepage.Home\_mapActivity"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/position\_text\_view"  
 android:layout\_centerHorizontal="true"  
 android:layout\_centerVertical="true"  
 android:textSize="30dp"  
 android:textStyle="bold"  
 android:visibility="visible"**/>  
 *<!--<com.baidu.mapapi.map.MapView-->  
 <!--android:id="@+id/bmapView"-->  
 <!--android:layout\_width="match\_parent"-->  
 <!--android:layout\_height="match\_parent"-->  
 <!--android:clickable="true"/>-->*</**RelativeLayout**>

个人设置



SettingActivty源码

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.view.WindowManager;  
**import** android.widget.LinearLayout;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.R;  
**import** chen.zucc.com.personalassistant.login.LoginActivity;  
  
  
**public class** SettingActivity **extends** AppCompatActivity {  
 **private** LinearLayout **accountSet**;  
 **private** TextView **setting**;  
 **private** TextView **retroaction**;  
 **private** TextView **remove**;  
 **private** TextView **logout**;  
 **private** TextView **aboutus**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_setting***);  
  
 getWindow().setFlags(WindowManager.LayoutParams.***FLAG\_FULLSCREEN***,  
 WindowManager.LayoutParams.***FLAG\_FULLSCREEN***);*//为了隐藏手机状态栏* Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 toolbar.setTitle(R.string.***setting***);  
 setSupportActionBar(toolbar);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
 getSupportActionBar().setHomeButtonEnabled(**true**);  
 initView();  
 **accountSet**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent\_as = **new** Intent(SettingActivity.**this**, AccountsActivity.**class**);  
 startActivity(intent\_as);  
 }  
 });  
  
 **setting** = (TextView)findViewById(R.id.***setting***);  
 **setting**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(SettingActivity.**this**, PersonalSettingActivity.**class**);  
 SettingActivity.**this**.startActivity(intent);  
 }  
 });  
  
 **aboutus** = (TextView)findViewById(R.id.***aboutus***);  
 **aboutus**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(SettingActivity.**this**, AboutUsActivity.**class**);  
 SettingActivity.**this**.startActivity(intent);  
 }  
 });  
  
 **remove** = (TextView)findViewById(R.id.***remove***);  
 **remove**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Toast.makeText(getApplicationContext(), **"内存已清理"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 });  
  
 **retroaction** = (TextView)findViewById(R.id.***retroaction***);  
 **retroaction**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(SettingActivity.**this**, RetroactionActivity.**class**);  
 SettingActivity.**this**.startActivity(intent);  
 }  
 });  
  
 **logout** = (TextView)findViewById(R.id.***logout***);  
 **logout**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(SettingActivity.**this**, LoginActivity.**class**);  
 Toast.makeText(getApplicationContext(), **"您已退出登录"**, Toast.***LENGTH\_SHORT***).show();  
 SettingActivity.**this**.startActivity(intent);  
 }  
 });  
  
 }  
 *//初始化* **private void** initView() {  
 **accountSet** = (LinearLayout) findViewById(R.id.***accout\_set***);  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 Intent intent\_set = **new** Intent(SettingActivity.**this**, homepage.**class**);  
 finish();  
 startActivity(intent\_set);  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.design.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** >  
  
 <**android.support.design.widget.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/AppTheme.AppBarOverlay"**>  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 android:theme="@style/AppBaseTheme"  
 app:popupTheme="@style/AppTheme.PopupOverlay"** />  
 </**android.support.design.widget.AppBarLayout**>  
  
 <**include layout="@layout/activity\_homepage\_setting"** />  
</**android.support.design.widget.CoordinatorLayout**>

用户反馈



RetroactionActivity源码

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.view.WindowManager;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.R;  
  
**public class** RetroactionActivity **extends** AppCompatActivity {  
  
 **private** Button **submit**;  
 **private boolean flag** = **true**;  
  
 **private** ImageButton **imageButton**;  
  
 **private static final int *IMAGE*** = 1;  
  
 *//所需权限  
// <uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE"/>* **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_homepage\_retroaction***);  
  
 getWindow().setFlags(WindowManager.LayoutParams.***FLAG\_FULLSCREEN***,  
 WindowManager.LayoutParams.***FLAG\_FULLSCREEN***);*//为了隐藏手机状态栏* Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 toolbar.setTitle(**"用户反馈"**);  
 setSupportActionBar(toolbar);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
  
  
 **submit** = (Button) findViewById(R.id.***button1***);  
 **submit**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Toast.*makeText*(getApplicationContext(), **"提交成功"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent1 = **new** Intent(RetroactionActivity.**this**, SettingActivity.**class**);  
 RetroactionActivity.**this**.startActivity(intent1);  
 }  
 });  
  
 **imageButton** = (ImageButton) findViewById(R.id.***imageButton***);  
 **imageButton**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 *//调用相册* Intent intent = **new** Intent(Intent.***ACTION\_PICK***,  
 android.provider.MediaStore.Images.Media.***EXTERNAL\_CONTENT\_URI***);  
 startActivityForResult(intent, ***IMAGE***);  
 }  
 });  
 }  
  
  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 Intent intent = **new** Intent();  
 intent.setClass(RetroactionActivity.**this**, SettingActivity.**class**);  
 startActivity(intent);  
 RetroactionActivity.**this**.finish();  
 **return true**;  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
  
  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:weightSum="1"**>  
  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="?attr/colorPrimary"  
 android:minHeight="?attr/actionBarSize"  
 android:theme="@style/AppBaseTheme"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="32dp"  
 android:text="问题描述"  
 android:textSize="20dp"** />  
  
 <**EditText  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#7fd2d2d2"  
 android:enabled="true"  
 android:gravity="top"  
 android:hint="请写下你遇到的问题"  
 android:inputType="textMultiLine"  
 android:maxLines="10"  
 android:minLines="8"  
 android:scrollbars="vertical"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="留下你的QQ、邮箱等联系方式，方便我们联系您"  
 android:textSize="14dp"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="添加图片"  
 android:textSize="20dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 app:srcCompat="@android:drawable/stat\_notify\_more"** />  
  
 <**Button  
 android:id="@+id/button1"  
 style="?android:textAppearanceSmall"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#d0e21616"  
 android:text="提交"  
 android:textSize="20dp"  
 android:textStyle="bold"** />  
</**LinearLayout**>

个人用户设置



PersonalSettingActivity：

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.MenuItem;  
**import** android.view.WindowManager;  
  
**import** chen.zucc.com.personalassistant.R;  
  
**public class** PersonalSettingActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_homepage\_personal\_setting***);  
 getWindow().setFlags(WindowManager.LayoutParams.***FLAG\_FULLSCREEN***,  
 WindowManager.LayoutParams.***FLAG\_FULLSCREEN***);*//为了隐藏手机状态栏* Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 toolbar.setTitle(**"个人设置"**);  
 setSupportActionBar(toolbar);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
 getSupportActionBar().setHomeButtonEnabled(**true**);  
  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 Intent intent\_set = **new** Intent(PersonalSettingActivity.**this**, SettingActivity.**class**);  
 finish();  
 startActivity(intent\_set);  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/linearLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**android.support.design.widget.AppBarLayout  
 android:id="@+id/appbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/AppTheme.AppBarOverlay"**>  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 android:theme="@style/AppBaseTheme"  
 app:popupTheme="@style/AppTheme.PopupOverlay"** />  
 </**android.support.design.widget.AppBarLayout**>  
  
 <**ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/scrollView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@+id/bottom\_navigation\_bar"  
 android:layout\_below="@+id/appbar"  
 android:fadingEdge="horizontal"  
 android:scrollbars="none"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"**>  
  
  
 <**com.makeramen.roundedimageview.RoundedImageView  
 android:id="@+id/roundedImageView"  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="30dp"  
 android:src="@drawable/homepage\_head\_portrait"  
 app:riv\_oval="true"** />  
  
 *<!--<ImageView-->  
 <!--android:layout\_width="72dp"-->  
 <!--android:layout\_height="72dp"-->  
 <!--android:layout\_marginLeft="16dp"-->  
 <!--android:layout\_marginTop="30dp"-->  
 <!--android:src="@drawable/homepage\_img2" />-->* //昵称  
  
 <**com.rengwuxian.materialedittext.MaterialEditText  
 android:id="@+id/name"  
 android:layout\_width="344dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="30dp"  
 android:hint="请在这里输入昵称"  
 android:maxLength="30"  
 android:textSize="16sp"  
 app:met\_baseColor="@android:color/darker\_gray"  
 app:met\_floatingLabel="highlight"  
 app:met\_floatingLabelText="昵称："  
 app:met\_floatingLabelTextColor="@color/blue"  
 app:met\_floatingLabelTextSize="14sp"  
 app:met\_maxCharacters="30"  
 app:met\_primaryColor="@color/blue"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="20dp"  
 android:fontFamily="sans-serif"  
 android:text="性别"  
 android:textSize="14sp"** />  
  
 <**Spinner  
 android:id="@+id/sex"  
 android:layout\_width="130dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="4dp"  
 android:entries="@array/sex"  
 android:paddingRight="0dp"** />  
  
 *<!--//城市-->* <**com.rengwuxian.materialedittext.MaterialEditText  
 android:id="@+id/city"  
 android:layout\_width="344dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="20dp"  
 android:hint="请在这里输入所在城市"  
 android:maxLength="30"  
 android:textSize="16sp"  
 app:met\_baseColor="@android:color/darker\_gray"  
 app:met\_floatingLabel="highlight"  
 app:met\_floatingLabelText="城市："  
 app:met\_floatingLabelTextColor="@color/blue"  
 app:met\_floatingLabelTextSize="14sp"  
 app:met\_maxCharacters="30"  
 app:met\_primaryColor="@color/blue"** />  
  
 //个人主页  
  
 <**com.rengwuxian.materialedittext.MaterialEditText  
 android:id="@+id/personHomepage"  
 android:layout\_width="344dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="20dp"  
 android:hint="请在这里输入个人主页"  
 android:maxLength="30"  
 android:textSize="16sp"  
 app:met\_baseColor="@android:color/darker\_gray"  
 app:met\_floatingLabel="highlight"  
 app:met\_floatingLabelText="个人主页："  
 app:met\_floatingLabelTextColor="@color/blue"  
 app:met\_floatingLabelTextSize="14sp"  
 app:met\_maxCharacters="30"  
 app:met\_primaryColor="@color/blue"** />  
  
 </**LinearLayout**>  
  
 </**ScrollView**>  
  
</**RelativeLayout**>

账号绑定：



AccountsActivity

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AlertDialog;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.LayoutInflater;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.view.WindowManager;  
**import** android.widget.EditText;  
**import** android.widget.LinearLayout;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.R;  
  
**import** java.util.regex.Matcher;  
**import** java.util.regex.Pattern;  
  
**public class** AccountsActivity **extends** AppCompatActivity {  
 **private** LinearLayout **phone\_set**;  
 **private** LinearLayout **email\_set**;  
 **private** LinearLayout **qq\_set**;  
 **private** LinearLayout **password\_set**;  
 **private** LinearLayout **wechat\_set**;  
  
 **private** TextView **phone\_text**;  
 **private** TextView **email\_text**;  
 **private** TextView **password\_text**;  
 **private** TextView **qq\_text**;  
 **private** TextView **wechat\_text**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_homepage\_accounts***);  
 Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
  
 getWindow().setFlags(WindowManager.LayoutParams.***FLAG\_FULLSCREEN***,  
 WindowManager.LayoutParams.***FLAG\_FULLSCREEN***);*//为了隐藏手机状态栏* toolbar.setTitle(R.string.***account\_set***);  
 setSupportActionBar(toolbar);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
 getSupportActionBar().setHomeButtonEnabled(**true**);  
 initView();  
 **phone\_set**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**phone\_text**.length() == 0)  
 setPhoneDialog(**"绑定手机号"**);  
 **else** setPhoneDialog(**"修改手机号"**);  
 }  
 });  
 **email\_set**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**email\_text**.length() == 0)  
 setEmailDialog(**"绑定邮箱"**);  
 **else** setEmailDialog(**"修改邮箱"**);  
 }  
 });  
 **password\_set**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**password\_text**.length() == 0)  
 setPasswordDialog(**"设置密码"**);  
 **else** setPasswordDialog(**"修改密码"**);  
 }  
 });  
 **qq\_set**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**qq\_text**.length() == 0)  
 setQqDialog(**"设置QQ"**);  
 **else** setQqDialog(**"修改QQ"**);  
 }  
 });  
 **wechat\_set**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**wechat\_text**.length() == 0)  
 setWechatDialog(**"设置WeChat"**);  
 **else** setWechatDialog(**"修改WeChat"**);  
 }  
 });  
 }  
  
 *// 初始化* **private void** initView() {  
  
 **phone\_set** = (LinearLayout) findViewById(R.id.***phone\_set***);  
 **phone\_text** = (TextView) findViewById(R.id.***phone\_text***);  
  
 **email\_set** = (LinearLayout) findViewById(R.id.***email\_set***);  
 **email\_text** = (TextView) findViewById(R.id.***email\_text***);  
  
 **password\_set** = (LinearLayout) findViewById(R.id.***password\_set***);  
 **password\_text** = (TextView) findViewById(R.id.***password\_text***);  
  
 **qq\_set** = (LinearLayout) findViewById(R.id.***qq\_set***);  
 **qq\_text** = (TextView) findViewById(R.id.***qq\_text***);  
  
 **wechat\_set** = (LinearLayout) findViewById(R.id.***wechat\_set***);  
 **wechat\_text** = (TextView) findViewById(R.id.***wechat\_text***);  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 Intent intent\_set = **new** Intent(AccountsActivity.**this**, SettingActivity.**class**);  
 finish();  
 startActivity(intent\_set);  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
 }  
  
 *//手机号设置对话框* **private void** setPhoneDialog(String title) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);  
 LayoutInflater inflater = getLayoutInflater();  
 **final** LinearLayout linearLayout = (LinearLayout) inflater.inflate(R.layout.***phone\_set\_dialog***, **null**);  
 **final** EditText phone\_edit = (EditText) linearLayout.findViewById(R.id.***phone\_edit***);  
 **final** String phone\_reg = getResources().getString(R.string.***phone\_reg***);  
 **if** (**phone\_text**.getText().length() != 0) {  
 phone\_edit.setHint(**phone\_text**.getText().toString());  
 }  
 builder.setView(linearLayout)  
 .setTitle(title)  
 .setPositiveButton(**"确定"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 String phone = phone\_edit.getText().toString();  
 **if** (verification(phone\_reg, phone))  
 **phone\_text**.setText(phone);  
 **else** Toast.*makeText*(AccountsActivity.**this**, **"请输入有效的手机号"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 })  
 .setNegativeButton(**"取消"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 }  
 });  
 builder.create();  
 builder.show();  
 }  
  
 *//Email设置对话框* **private void** setEmailDialog(String title) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);  
 LayoutInflater inflater = getLayoutInflater();  
 **final** LinearLayout linearLayout = (LinearLayout) inflater.inflate(R.layout.***email\_set\_dialog***, **null**);  
 **final** EditText email\_edit = (EditText) linearLayout.findViewById(R.id.***email\_edit***);  
 **final** String email\_reg = getResources().getString(R.string.***email\_reg***);  
 **if** (**email\_text**.getText().length() != 0)  
 email\_edit.setHint(**email\_text**.getText().toString());  
 builder.setView(linearLayout)  
 .setTitle(title)  
 .setPositiveButton(**"确定"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 String email = email\_edit.getText().toString();  
 **if** (verification(email\_reg, email)) {  
 **email\_text**.setText(email);  
 } **else** Toast.*makeText*(AccountsActivity.**this**, **"请输入合法的邮箱"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 })  
 .setNegativeButton(**"取消"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 }  
 });  
 builder.create();  
 builder.show();  
 }  
  
 *//密码设置对话框* **private void** setPasswordDialog(String title) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);  
 LayoutInflater inflater = getLayoutInflater();  
 **final** LinearLayout linearLayout = (LinearLayout) inflater.inflate(R.layout.***password\_set\_dialog***, **null**);  
 **final** EditText password\_edit = (EditText) linearLayout.findViewById(R.id.***password\_edit***);  
 **final** String password\_reg = getResources().getString(R.string.***password\_reg***);  
 **final** EditText password\_edit\_confirm = (EditText) linearLayout.findViewById(R.id.***password\_edit\_confirm***);  
 builder.setView(linearLayout)  
 .setTitle(title)  
 .setPositiveButton(**"确定"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 String password = password\_edit.getText().toString();  
 String password\_confirm = password\_edit\_confirm.getText().toString();  
 **if** (!verification(password\_reg, password)) {  
 Toast.*makeText*(AccountsActivity.**this**, **"请输入合法的密码，"** +  
 **"密码的强度必须是包含大小写字母和数字的组合，"** +  
 **"不能使用特殊字符，长度在8-10之间"**, Toast.***LENGTH\_SHORT***).show();  
 } **else if** (!(password\_confirm.equals(password))) {  
 Toast.*makeText*(AccountsActivity.**this**, **"密码不一致"**, Toast.***LENGTH\_SHORT***).show();  
 } **else password\_text**.setText(**"\*\*\*\*\*\*"**);  
 }  
 })  
 .setNegativeButton(**"取消"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 }  
 });  
 builder.create();  
 builder.show();  
 }  
  
 *//QQ设置对话框* **private void** setQqDialog(String title) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);  
 LayoutInflater inflater = getLayoutInflater();  
 **final** LinearLayout linearLayout = (LinearLayout) inflater.inflate(R.layout.***qq\_set\_dialog***, **null**);  
 **final** EditText qq\_edit = (EditText) linearLayout.findViewById(R.id.***qq\_edit***);  
 **final** String qq\_reg = getResources().getString(R.string.***qq\_reg***);  
 **if** (**qq\_text**.getText().length() != 0) {  
 qq\_edit.setHint(**qq\_text**.getText().toString());  
 }  
 builder.setView(linearLayout)  
 .setTitle(title)  
 .setPositiveButton(**"确定"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 String qq = qq\_edit.getText().toString();  
 **if** (verification(qq\_reg, qq))  
 **qq\_text**.setText(qq);  
 **else** Toast.*makeText*(AccountsActivity.**this**, **"请输入合法的qq"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 })  
 .setNegativeButton(**"取消"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 }  
 });  
 builder.create();  
 builder.show();  
 }  
  
 *//Wechat设置对话框* **private void** setWechatDialog(String title) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);  
 LayoutInflater inflater = getLayoutInflater();  
 **final** LinearLayout linearLayout = (LinearLayout) inflater.inflate(R.layout.***wechat\_set\_dialog***, **null**);  
 **final** EditText wechat\_edit = (EditText) linearLayout.findViewById(R.id.***wechat\_edit***);  
 **final** String wechat\_reg = getResources().getString(R.string.***wechat\_reg***);  
 **if** (**wechat\_text**.getText().length() != 0) {  
 wechat\_edit.setHint(**wechat\_text**.getText().toString());  
 }  
 builder.setView(linearLayout)  
 .setTitle(title)  
 .setPositiveButton(**"确定"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 String wechat = wechat\_edit.getText().toString();  
 **if** (verification(wechat\_reg, wechat))  
 **wechat\_text**.setText(wechat);  
 **else** Toast.*makeText*(AccountsActivity.**this**, **"请输入合法的wechat,微信账号仅支持6-20个字母、数字、下划线或减号，以字母开头"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 })  
 .setNegativeButton(**"取消"**, **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 }  
 });  
 builder.create();  
 builder.show();  
 }  
  
 */\*\*  
 \** ***@param regular*** *正则表达式  
 \** ***@param str*** *要校验的字符串  
 \** ***@return*** *校验值  
 \** ***@see*** *verification 校验函数  
 \*/* **public boolean** verification(String regular, String str) {  
 Pattern pattern = Pattern.*compile*(regular);  
 Matcher matcher = pattern.matcher(str);  
 **return** matcher.matches();  
 }  
}

相关界面源码

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:weightSum="1"**>  
  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="?attr/colorPrimary"  
 android:minHeight="?attr/actionBarSize"  
 android:theme="@style/AppBaseTheme"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="32dp"  
 android:text="问题描述"  
 android:textSize="20dp"** />  
  
 <**EditText  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#7fd2d2d2"  
 android:enabled="true"  
 android:gravity="top"  
 android:hint="请写下你遇到的问题"  
 android:inputType="textMultiLine"  
 android:maxLines="10"  
 android:minLines="8"  
 android:scrollbars="vertical"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="留下你的QQ、邮箱等联系方式，方便我们联系您"  
 android:textSize="14dp"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="添加图片"  
 android:textSize="20dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 app:srcCompat="@android:drawable/stat\_notify\_more"** />  
  
 <**Button  
 android:id="@+id/button1"  
 style="?android:textAppearanceSmall"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#d0e21616"  
 android:text="提交"  
 android:textSize="20dp"  
 android:textStyle="bold"** />  
</**LinearLayout**>

用户反馈：



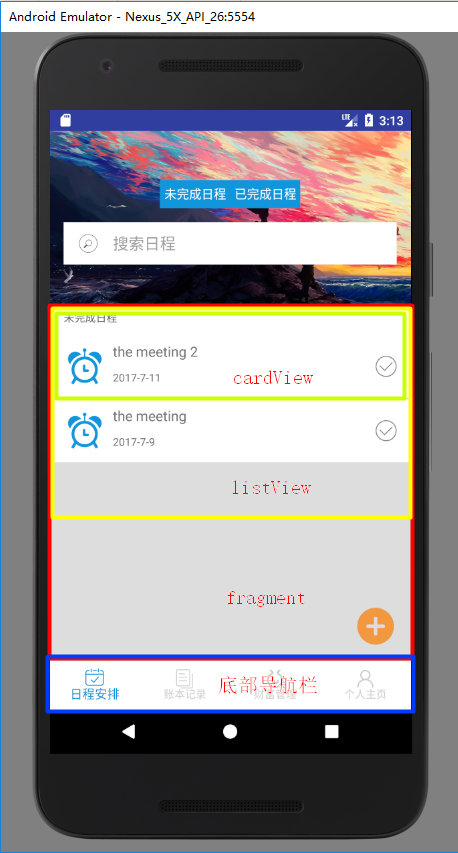
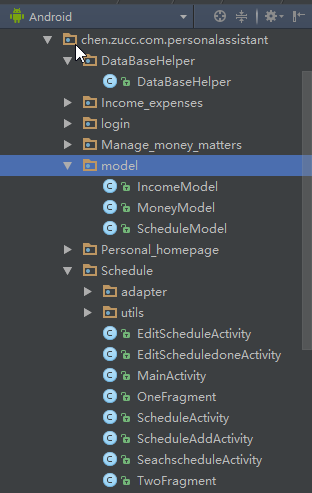
RetroactionActivity

**package** chen.zucc.com.personalassistant.Personal\_homepage;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.view.WindowManager;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.Toast;  
  
**import** chen.zucc.com.personalassistant.R;  
  
**public class** RetroactionActivity **extends** AppCompatActivity {  
  
 **private** Button **submit**;  
 **private boolean flag** = **true**;  
  
 **private** ImageButton **imageButton**;  
  
 **private static final int *IMAGE*** = 1;  
  
 *//所需权限  
// <uses-permission android:name="android.permission.READ\_EXTERNAL\_STORAGE"/>* **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_homepage\_retroaction***);  
  
 getWindow().setFlags(WindowManager.LayoutParams.***FLAG\_FULLSCREEN***,  
 WindowManager.LayoutParams.***FLAG\_FULLSCREEN***);*//为了隐藏手机状态栏* Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 toolbar.setTitle(**"用户反馈"**);  
 setSupportActionBar(toolbar);  
 getSupportActionBar().setDisplayHomeAsUpEnabled(**true**);  
  
  
 **submit** = (Button) findViewById(R.id.***button1***);  
 **submit**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Toast.*makeText*(getApplicationContext(), **"提交成功"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent1 = **new** Intent(RetroactionActivity.**this**, SettingActivity.**class**);  
 RetroactionActivity.**this**.startActivity(intent1);  
 }  
 });  
  
 **imageButton** = (ImageButton) findViewById(R.id.***imageButton***);  
 **imageButton**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 *//调用相册* Intent intent = **new** Intent(Intent.***ACTION\_PICK***,  
 android.provider.MediaStore.Images.Media.***EXTERNAL\_CONTENT\_URI***);  
 startActivityForResult(intent, ***IMAGE***);  
 }  
 });  
 }  
  
  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** android.R.id.***home***:  
 Intent intent = **new** Intent();  
 intent.setClass(RetroactionActivity.**this**, SettingActivity.**class**);  
 startActivity(intent);  
 RetroactionActivity.**this**.finish();  
 **return true**;  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
  
  
 }  
}

相关界面源码：

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:weightSum="1"**>  
  
  
 <**android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="?attr/colorPrimary"  
 android:minHeight="?attr/actionBarSize"  
 android:theme="@style/AppBaseTheme"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="32dp"  
 android:text="问题描述"  
 android:textSize="20dp"** />  
  
 <**EditText  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#7fd2d2d2"  
 android:enabled="true"  
 android:gravity="top"  
 android:hint="请写下你遇到的问题"  
 android:inputType="textMultiLine"  
 android:maxLines="10"  
 android:minLines="8"  
 android:scrollbars="vertical"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="留下你的QQ、邮箱等联系方式，方便我们联系您"  
 android:textSize="14dp"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginTop="16dp"  
 android:text="添加图片"  
 android:textSize="20dp"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 app:srcCompat="@android:drawable/stat\_notify\_more"** />  
  
 <**Button  
 android:id="@+id/button1"  
 style="?android:textAppearanceSmall"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="32dp"  
 android:layout\_marginRight="32dp"  
 android:layout\_marginTop="16dp"  
 android:background="#d0e21616"  
 android:text="提交"  
 android:textSize="20dp"  
 android:textStyle="bold"** />  
</**LinearLayout**>

5日程安排界面

日程安排的数据库：

public static final String *CREATE\_Schedule* = "create table Schedule("  
 + "id integer primary key autoincrement,"  
 + "Schedule\_details text ," //日程详情  
 + "Schedule\_begintime text ," //开始时间  
 + "Schedule\_beginschedule text," //开始日期  
 + "Schedule\_endtime text,"  
 + "Schedule\_priority integer , " //优先级  
 + "Schedule\_classes integer ," //类别  
 + "Schedule\_remark text," //备注  
 + "Schedule\_state integer"  
 + "Schedule\_picture text)";

另外每张表最好有一个对应的实体类，这样方便之后的操作，在Model 下创建ScheduleModel类内容类似

private int id;  
public int getId() {  
 return id;}  
public void setId(int id) {  
 this.id = id;}

首先这一部分显示顶部的两个按钮，“已完成日程”“未完成日程”实现fragment之间的跳转，fragment的中用listView嵌套cardView，listView嵌套cardView时，点击事件可能会出现点击不到控件的问题，这个是因为显示的层的问题

android:descendantFocusability="blocksDescendants"

所以这个语句可能会解决问题

布局文件

activity\_schedule.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context="chen.zucc.com.personalassistant.Schedule.ScheduleActivity">  
 <ImageView  
 android:id="@+id/imageView\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:background="@drawable/activity\_schedule\_image\_1" />  
  
 <LinearLayout  
 android:id="@+id/linear\_a1"  
 android:layout\_width="160dp"  
 android:layout\_height="32dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="56dp">  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="@drawable/schedule\_color"  
 android:text="未完成日程"  
 android:textColor="@drawable/schedule\_color" />  
  
 <Button  
 android:id="@+id/btn2"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="@drawable/schedule\_color"  
 android:text="已完成日程"  
 android:textColor="@drawable/schedule\_color" />  
 </LinearLayout>  
  
 <FrameLayout  
 android:id="@+id/main\_frame\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_below="@+id/imageView\_1"  
 android:layout\_above="@+id/bottom\_navigation\_bar"  
 android:background="#dddddd">  
 </FrameLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_a2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_below="@+id/linear\_a1"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:background="#ffffff"  
 android:orientation="horizontal">  
 <ImageView  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="12dp"  
 android:background="@mipmap/seach" />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_vertical"  
 android:layout\_marginLeft="16dp"  
 android:text="搜索日程"  
 android:textColor="#9e9e9e"  
 android:textSize="18sp" />  
 </LinearLayout>  
 <com.ashokvarma.bottomnavigation.BottomNavigationBar  
 android:id="@+id/bottom\_navigation\_bar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_gravity="bottom" />  
   
</RelativeLayout>

两个Fragment布局文件

fragment\_one.xml、fragment\_two相类似

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#dddddd"  
 android:orientation="vertical">  
 <TextView  
 android:id="@+id/fragment\_tv"  
 android:layout\_width="match\_parent"  
 android:layout\_height="32dp"  
 android:background="#ffffff"  
 android:paddingLeft="16dp"  
 android:paddingTop="4dp"  
 android:textColor="#626262"  
 android:textSize="12sp" />  
 <ListView  
 android:layout\_below="@+id/fragment\_tv"  
 android:id="@+id/list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1">  
 </ListView>  
 <ImageButton  
 android:id="@+id/imageButton\_3"  
 android:layout\_width="48dp"  
 android:layout\_height="48dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginBottom="16dp"  
 android:layout\_marginEnd="16dp"  
 android:background="@mipmap/ic\_action\_add" />  
</RelativeLayout>

创建相应activity：

ScheduleActivity

import android.content.Intent;  
import android.os.Bundle;  
import android.support.v4.app.FragmentTransaction;  
import android.support.v7.app.AppCompatActivity;  
import android.view.View;  
import android.widget.Button;  
import android.widget.LinearLayout;  
  
import com.ashokvarma.bottomnavigation.BottomNavigationBar;  
import com.ashokvarma.bottomnavigation.BottomNavigationItem;  
  
import chen.zucc.com.personalassistant.Income\_expenses.Income\_expensesActivity;  
import chen.zucc.com.personalassistant.Manage\_money\_matters.Manager\_money\_mattersActivity;  
import chen.zucc.com.personalassistant.Personal\_homepage.homepage;  
import chen.zucc.com.personalassistant.R;  
  
public class ScheduleActivity extends AppCompatActivity implements BottomNavigationBar.OnTabSelectedListener, View.OnClickListener {  
 */\*\*  
 \* fragment  
 \* \*/* private OneFragment f1;  
 private TwoFragment f2;  
   
 private Button foot1;  
 private Button foot2;  
 int lastSelectedPosition = 0;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_schedule*);  
// getWindow().setFlags(WindowManager.LayoutParams.FLAG\_FULLSCREEN,  
// WindowManager.LayoutParams.FLAG\_FULLSCREEN);//为了隐藏手机状态栏  
 */\*\*  
 \* 跳至搜索界面  
 \* \*/* LinearLayout linear\_a2=(LinearLayout) findViewById(R.id.*linear\_a2*);  
 linear\_a2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(ScheduleActivity.this, SeachscheduleActivity.class);  
 startActivity(intent\_1);  
 }  
 });  
 */\*\*  
 \* fragment  
 \* \*/* foot1 = (Button) findViewById(R.id.*btn1*);  
 foot2 = (Button) findViewById(R.id.*btn2*);  
 foot1.setOnClickListener(this);  
 foot2.setOnClickListener(this);  
 //第一次初始化首页默认显示第一个fragment  
 initFragment1();  
 */\*\*  
 \* 底部导航栏  
 \* \*/* BottomNavigationBar bottomNavigationBar = (BottomNavigationBar) findViewById(R.id.*bottom\_navigation\_bar*);  
 bottomNavigationBar.setMode(BottomNavigationBar.*MODE\_FIXED*);  
 bottomNavigationBar.addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_schedule*, "日程安排").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_bill*, "账本记录").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_managemoney*, "财富管理").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_person*, "个人主页").setActiveColorResource(R.color.*blue*))  
// .setFirstSelectedPosition(0)  
 .setFirstSelectedPosition(lastSelectedPosition)  
 .setBackgroundStyle(BottomNavigationBar.*BACKGROUND\_STYLE\_STATIC*)  
 .initialise();  
 bottomNavigationBar.setTabSelectedListener(this);  
  
 }  
 */\*\*  
 \* fragment  
 \*/* private void initFragment1() {  
 //开启事务，fragment的控制是由事务来实现的  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
 //第一种方式（add），初始化fragment并添加到事务中，如果为null就new一个  
 if (f1 == null) {  
 f1 = new OneFragment("未完成日程");  
 transaction.add(R.id.*main\_frame\_layout*, f1);  
 }  
 //隐藏所有fragment  
 hideFragment(transaction);  
 //显示需要显示的fragment  
 transaction.show(f1);  
 transaction.commit();  
 }  
  
 //显示第二个fragment  
 private void initFragment2() {  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
 if (f2 == null) {  
 f2 = new TwoFragment("已完成日程");  
 transaction.add(R.id.*main\_frame\_layout*, f2);  
 }  
 hideFragment(transaction);  
 transaction.show(f2);  
 transaction.commit();  
 }  
 //隐藏所有的fragment  
 private void hideFragment(FragmentTransaction transaction) {  
 if (f1 != null) {  
 transaction.hide(f1);  
 }  
 if (f2 != null) {  
 transaction.hide(f2);  
 }  
 }  
  
 @Override  
 public void onClick(View v) {  
 if (v == foot1) {  
 initFragment1();  
 } else if (v == foot2) {  
 initFragment2();  
 }  
 }  
  
 */\*\*  
 \* 底部导航栏  
 \*/* public void onTabSelected(int position) {  
 lastSelectedPosition = position;  
 switch (position) {  
 case 0:  
 Intent intent0 = new Intent(this, ScheduleActivity.class);  
 this.startActivity(intent0);  
 break;  
 case 1:  
 Intent intent1 = new Intent(this, Income\_expensesActivity.class);  
 this.startActivity(intent1);  
 break;  
 case 2:  
 Intent intent2 = new Intent(this, Manager\_money\_mattersActivity.class);  
 this.startActivity(intent2);  
 break;  
 case 3:  
 Intent intent3 = new Intent(this, homepage.class);  
 this.startActivity(intent3);  
 break;  
 }  
 }  
 public void onTabUnselected(int position) {  
  
 }  
 public void onTabReselected(int position) {  
 }  
}

OneFragment、TwoFragment的activity相类似如下（OneFragment）：

其中主要使用到适配器，将cardView显示在ListView，将数据库中的数据取出放入cardView，

并能点击条目。

import android.content.Context;  
import android.content.Intent;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.support.v4.app.Fragment;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.AdapterView;  
import android.widget.BaseAdapter;  
import android.widget.ImageButton;  
import android.widget.ImageView;  
import android.widget.ListView;  
import android.widget.TextView;  
import java.util.ArrayList;  
import java.util.List;  
import chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
import chen.zucc.com.personalassistant.R;  
import chen.zucc.com.personalassistant.model.ScheduleModel;  
*/\*\*  
 \* Created by chenchongkang on 2017/7/5.  
 \*/*public class OneFragment extends Fragment {  
 private ListView lv;  
 private List<ScheduleModel> data;  
 private DataBaseHelper dbHelper;  
 private SQLiteDatabase db;  
 private TextView tv;  
 private String name;  
 public OneFragment(String fName) {  
 this.name = fName;  
 }  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 final View view = LayoutInflater.*from*(getActivity()).inflate(R.layout.*fragment\_one*, container, false);  
 */\*\*  
 \* 适配器  
 \*/* lv = (ListView) view.findViewById(R.id.*list*);  
 */\*\*  
 \* 获取将要绑定的数据设置到data中  
 \*/* data = getData();  
 MyAdapter adapter = new MyAdapter(getActivity());  
 lv.setAdapter(adapter);  
 lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 Intent intent = new Intent(getActivity(), EditScheduleActivity.class);  
 intent.putExtra("data",data.get(i));  
 startActivity(intent);  
 }  
 });  
 */\*\*  
 \* fragment 界面跳转  
 \*/* ImageButton imageButton = (ImageButton) view.findViewById(R.id.*imageButton\_3*);  
 imageButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_2 = new Intent(getActivity(), ScheduleAddActivity.class);  
 startActivity(intent\_2);  
 }  
 });  
 tv = (TextView) view.findViewById(R.id.*fragment\_tv*);  
 tv.setText(name);  
 tv.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 tv.setText("我变了-" + name);  
 }  
 });  
 return view;  
 }  
 private List<ScheduleModel> getData() {  
 List<ScheduleModel> list = new ArrayList<>();  
 dbHelper = new DataBaseHelper(getActivity(), "PersonalAssistant.db", null, 1);  
 db = dbHelper.getReadableDatabase();  
 Cursor cursor = db.rawQuery("select id,Schedule\_details,Schedule\_beginschedule from Schedule order by Schedule\_beginschedule", new String[]{});  
 while (cursor.moveToNext()) {  
 ScheduleModel sm = new ScheduleModel();  
 sm.setId(cursor.getInt(cursor.getColumnIndex("id")));  
 sm.setSchedule\_details(cursor.getString(cursor.getColumnIndex("Schedule\_details")));  
 sm.setSchedule\_beigntime(cursor.getString(cursor.getColumnIndex("Schedule\_beginschedule")));  
 list.add(sm);  
 }  
 db.close();  
 return list;  
 }  
  
 */\*\*  
 \* 日程条目点击时被调用，打开编辑日程界面，同时传入当前日程信息  
 \*/  
 /\*\*  
 \* ViewHolder静态类  
 \*/* public static class ViewHolder extends SeachscheduleActivity.ViewHolder {  
 public ImageView img;  
 public TextView title;  
 public TextView info;  
 public ImageButton img1;  
 }  
 public class MyAdapter extends BaseAdapter {  
 private LayoutInflater mInflater = null;  
 private MyAdapter(Context context) {  
 */\*\*  
 \* 根据context上下文加载布局，这里的是Demo17Activity本身，即this  
 \*/* this.mInflater = LayoutInflater.*from*(context);  
 }  
 @Override  
 public int getCount() {  
 */\*\*  
 \* 在此适配器中所代表的数据集中的条目数  
 \*/* return data.size();  
 }  
 @Override  
 public Object getItem(int position) {  
 */\*\*  
 \* 获取数据集中与指定索引对应的数据项  
 \*/* return position;  
 }  
 @Override  
 public long getItemId(int position) {  
 */\*\*  
 \* 获取在列表中与指定索引对应的行id  
 \*/* return position;  
 }  
 */\*\*  
 \* 获取一个在数据集中指定索引的视图来显示数据  
 \*/* @Override  
 public View getView(int position, View convertView, ViewGroup parent) {  
 ViewHolder holder = null;  
 */\*\*  
 \* 如果缓存convertView为空，则需要创建View  
 \*/* if (convertView == null) {  
 holder = new ViewHolder();  
 */\*\*  
 \* 根据自定义的Item布局加载布局  
 \*/* convertView = mInflater.inflate(R.layout.*fragment\_one\_list*, null);  
 holder.img = (ImageView) convertView.findViewById(R.id.*imageView\_2*);  
 holder.title = (TextView) convertView.findViewById(R.id.*one\_list\_textView\_1*);  
 holder.info = (TextView) convertView.findViewById(R.id.*one\_list\_textView\_2*);  
 holder.img1 = (ImageButton) convertView.findViewById(R.id.*imageBtn\_true*);  
 */\*\*  
 \* 将设置好的布局保存到缓存中，并将其设置在Tag里，以便后面方便取出Tag  
 \*/* convertView.setTag(holder);  
 } else {  
 holder = (ViewHolder) convertView.getTag();  
 }  
 // holder.img.setBackgroundResource((Integer) data.get(position).get("img"));  
 holder.title.setText(data.get(position).getSchedule\_details());  
 holder.info.setText(data.get(position).getSchedule\_beigntime());  
// holder.img1.setBackgroundResource((Integer) data.get(position).get("img1"));  
 return convertView;  
 }  
 }  
}

添加日程界面：

布局 activity\_schedule.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#dddddd"  
 tools:context="chen.zucc.com.personalassistant.Schedule.ScheduleAddActivity">  
 <EditText  
 android:id="@+id/schedule\_add\_editText\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:background="#1e88e5"  
 android:hint="日程描述"  
 android:maxLength="20"  
 android:paddingRight="16dp"  
 android:paddingStart="16dp"  
 android:textColor="#ffffff"  
 android:textColorHint="#cfd8dc" />  
 <LinearLayout  
 android:id="@+id/schedule\_add\_linear\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="72dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/schedule\_add\_editText\_1"  
 android:background="#ffffff"  
 android:orientation="horizontal">  
 <ImageButton  
 android:id="@+id/imageBtn\_schedule"  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="24dp"  
 android:background="@mipmap/schedule" />  
 <TextView  
 android:id="@+id/textView\_schedule"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="24dp"  
 android:paddingTop="12dp"  
 android:text="2017-01-01"  
 android:textSize="16sp" />  
 <ImageButton  
 android:id="@+id/imageBtn\_time"  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="24dp"  
 android:background="@mipmap/time" />  
 <TextView  
 android:id="@+id/textView\_time"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="24dp"  
 android:paddingTop="12dp"  
 android:text="23:00"  
 android:textSize="16sp" />  
 </LinearLayout>  
 <LinearLayout  
 android:id="@+id/schedule\_add\_linear\_2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="192dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/schedule\_add\_linear\_1"  
 android:orientation="vertical">  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#b0bec5" />  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:background="#ffffff"  
 android:paddingLeft="16dp"  
 android:paddingTop="8dp"  
 android:text="优先级"  
 android:textSize="20sp" />  
 <RadioGroup xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/radioGroup"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_below="@+id/textView4"  
 android:background="#ffffff"  
 android:orientation="horizontal">  
  
 <RadioButton  
 android:id="@+id/dotNet"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:text="高" />  
  
 <RadioButton  
 android:id="@+id/php"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:text="中" />  
  
 <RadioButton  
 android:id="@+id/java"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:text="低" />  
  
  
 </RadioGroup>  
  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#b0bec5" />  
  
 <TextView  
 android:id="@+id/textView5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_below="@+id/radioGroup"  
 android:background="#ffffff"  
 android:paddingLeft="16dp"  
 android:paddingTop="8dp"  
 android:text="类别"  
 android:textSize="20dp" />  
  
 <RadioGroup  
 android:id="@+id/radioGroup3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="48dp"  
 android:layout\_below="@+id/textView5"  
 android:background="#ffffff"  
 android:orientation="horizontal">  
  
 <RadioButton  
 android:id="@+id/radioButton10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_weight="1"  
 android:text="工作" />  
  
 <RadioButton  
 android:id="@+id/radioButton9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_weight="1"  
 android:text="生活" />  
  
 <RadioButton  
 android:id="@+id/radioButton8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_weight="1"  
 android:text="娱乐" />  
  
 <RadioButton  
 android:id="@+id/radioButton7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_weight="1"  
 android:text="健康" />  
  
 <RadioButton  
 android:id="@+id/radioButton6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_weight="1"  
 android:text="其他" />  
 </RadioGroup>  
 <View  
 android:layout\_width="match\_parent"  
 android:layout\_height="1dp"  
 android:background="#b0bec5" />  
 </LinearLayout>  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_alignParentBottom="true"  
 android:background="#ffffff">  
 <Button  
 android:id="@+id/button\_1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="16dp"  
 android:background="#ffffff"  
 android:text="取消" />  
 <Button  
 android:id="@+id/button\_2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginRight="16dp"  
 android:background="#ffffff"  
 android:text="确认" />  
 </RelativeLayout>  
</RelativeLayout>

Activity文件:ScheduleAddActivity

读取view的内容写入数据库; DatePickerDialog、TimePickerDialog的使用

package chen.zucc.com.personalassistant.Schedule;  
  
import android.app.DatePickerDialog;  
import android.app.TimePickerDialog;  
import android.content.ContentValues;  
import android.content.Intent;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.support.v7.app.AppCompatActivity;  
import android.view.View;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.EditText;  
import android.widget.ImageButton;  
import android.widget.TextView;  
import android.widget.TimePicker;  
  
import chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
import chen.zucc.com.personalassistant.R;  
public class ScheduleAddActivity extends AppCompatActivity {  
 private DataBaseHelper dbHelper;  
 private ImageButton btn;  
 private ImageButton btn2;  
 private TextView tv;  
 private TextView tv2;  
 private TextView tv\_1;  
 private TextView tv\_2;  
 private EditText edt;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_schedule\_add*);  
 dbHelper = new DataBaseHelper(this, "PersonalAssistant.db", null, 1);  
 */\*\*  
 \* 跳转至日程首页  
 \* \*/* Button button = (Button) findViewById(R.id.*button\_1*);  
 button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(ScheduleAddActivity.this, ScheduleActivity.class);  
 startActivity(intent\_1);  
 }  
 });  
 */\*\*  
 \* 跳转至日程首页  
 \* \*/* Button button2 = (Button) findViewById(R.id.*button\_2*);  
 button2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(ScheduleAddActivity.this, ScheduleActivity.class);  
 startActivity(intent\_1);  
 */\*\*  
 \* 将数据保存至数据库  
 \*/* SQLiteDatabase db = dbHelper.getWritableDatabase();  
 edt = (EditText) findViewById(R.id.*schedule\_add\_editText\_1*);  
 tv\_1 = (TextView) findViewById(R.id.*textView\_schedule*);  
 tv\_2 = (TextView) findViewById(R.id.*textView\_time*);  
 String Scheduledetails = edt.getText().toString();  
 String Schedulebeginschedule = tv\_1.getText().toString();  
 String Schedulebegintime = tv\_2.getText().toString();  
 ContentValues values = new ContentValues();  
 values.put("Schedule\_details", Scheduledetails);  
 values.put("Schedule\_beginschedule", Schedulebeginschedule);  
 values.put("Schedule\_begintime", Schedulebegintime);  
 db.insert("Schedule", null, values);  
 db.close();  
 }  
 });  
 */\*\*  
 \*获取日期  
 \*/* btn = (ImageButton) this.findViewById(R.id.*imageBtn\_schedule*);  
 tv = (TextView) this.findViewById(R.id.*textView\_schedule*);  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 new DatePickerDialog(ScheduleAddActivity.this, new DatePickerDialog.OnDateSetListener() {  
 @Override  
 public void onDateSet(DatePicker view, int year, int monthOfYear, int dayOfMonth) {  
 tv.setText(String.*format*("%d-%d-%d", year, monthOfYear + 1, dayOfMonth));  
 }  
 }, 2017, 6, 9).show();  
 }  
 });  
 */\*\*  
 \*获取时间  
 \*/* btn2 = (ImageButton) this.findViewById(R.id.*imageBtn\_time*);  
 tv2 = (TextView) this.findViewById(R.id.*textView\_time*);  
 btn2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 new TimePickerDialog(ScheduleAddActivity.this, new TimePickerDialog.OnTimeSetListener() {  
 @Override  
 public void onTimeSet(TimePicker view, int hourOfDay, int minute) {  
 tv2.setText(String.*format*("%02d:%02d", hourOfDay, minute));  
 }  
 //0,0指的是时间，true表示是否为24小时，true为24小时制  
 }, 0, 0, true).show();  
 }  
 });  
 }  
}

搜索Activity\_schedule\_seach

主要是输入框的

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/colorPrimaryDark"  
 android:clipToPadding="true"  
 android:fitsSystemWindows="true"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#ffffff"  
 android:orientation="vertical">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="43dp"  
 android:background="@color/colorPrimaryDark"  
 android:gravity="center"  
 android:orientation="horizontal">  
 <RelativeLayout  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1">  
 <EditText  
 android:id="@+id/edittext"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="8dp"  
 android:background="@drawable/searchbox\_bj"  
 android:hint="请输入搜索内容"  
 android:maxLength="10"  
 android:paddingLeft="15dp"  
 android:singleLine="true"  
 android:textSize="12sp" />  
 <ImageView  
 android:id="@+id/imageview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentRight="true"  
 android:layout\_centerInParent="true"  
 android:paddingRight="20dp"  
 android:src="@drawable/delete"  
 android:visibility="gone" />  
 </RelativeLayout>  
 <TextView  
 android:id="@+id/textview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:paddingLeft="10dp"  
 android:paddingRight="10dp"  
 android:text="搜索"  
 android:textColor="#ffffff"  
 android:textSize="20sp" />  
 </LinearLayout>  
 <ListView  
 android:id="@+id/listview"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1">  
 </ListView>  
 </LinearLayout>  
</LinearLayout>

Activity文件：SeachscheduleActivity

这里将适配器重新用了一下拿了之前ScheduleActivity的适配器 修改sql语句，将获取到的输入框的内容与数据库日程名进行模糊查询，显示在listView条目中

package chen.zucc.com.personalassistant.Schedule;  
  
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.text.Editable;  
import android.text.TextWatcher;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.AdapterView;  
import android.widget.BaseAdapter;  
import android.widget.EditText;  
import android.widget.ImageButton;  
import android.widget.ImageView;  
import android.widget.ListView;  
import android.widget.TextView;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
import chen.zucc.com.personalassistant.R;  
import chen.zucc.com.personalassistant.model.ScheduleModel;  
  
*/\*\*  
 \* Created by chenchongkang on 2017/7/10.  
 \*/*public class SeachscheduleActivity extends Activity {  
 private TextView mTextView;  
 private EditText mEditText;  
 private ImageView mImageView;  
 private ListView mListView;  
  
 private ListView lv;  
 private List<ScheduleModel> data;  
 private DataBaseHelper dbHelper;  
 private SQLiteDatabase db;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_schedule\_seach*);  
 initView();  
 }  
  
 private List<ScheduleModel> getData() {  
 List<ScheduleModel> list = new ArrayList<>();  
 dbHelper = new DataBaseHelper(SeachscheduleActivity.this, "PersonalAssistant.db", null, 1);  
 db = dbHelper.getReadableDatabase();  
 String str = mEditText.getText().toString();  
 Cursor cursor = db.rawQuery("select \* from Schedule where Schedule\_details like '%" + str + "%'", new String[]{});  
 while (cursor.moveToNext()) {  
 ScheduleModel sm = new ScheduleModel();  
 sm.setId(cursor.getInt(cursor.getColumnIndex("id")));  
 sm.setSchedule\_details(cursor.getString(cursor.getColumnIndex("Schedule\_details")));  
 sm.setSchedule\_beigntime(cursor.getString(cursor.getColumnIndex("Schedule\_beginschedule")));  
 list.add(sm);  
 }  
 db.close();  
 return list;  
 }  
 */\*\*  
 \* 日程条目点击时被调用，打开编辑日程界面，同时传入当前日程信息  
 \*/  
 /\*\*  
 \* ViewHolder静态类  
 \*/* public static class ViewHolder {  
 public ImageView img;  
 public TextView title;  
 public TextView info;  
 public ImageButton img1;  
 }  
  
 public class MyAdapter extends BaseAdapter {  
 private LayoutInflater mInflater = null;  
  
 private MyAdapter(Context context) {  
 */\*\*  
 \* 根据context上下文加载布局，这里的是Activity本身，即this  
 \*/* this.mInflater = LayoutInflater.*from*(context);  
 }  
  
 @Override  
 public int getCount() {  
 */\*\*  
 \* 在此适配器中所代表的数据集中的条目数  
 \*/* return data.size();  
 }  
  
 @Override  
 public Object getItem(int position) {  
 */\*\*  
 \* 获取数据集中与指定索引对应的数据项  
 \*/* return position;  
 }  
  
 @Override  
 public long getItemId(int position) {  
 */\*\*  
 \* 获取在列表中与指定索引对应的行id  
 \*/* return position;  
 }  
  
 */\*\*  
 \* 获取一个在数据集中指定索引的视图来显示数据  
 \*/* @Override  
 public View getView(int position, View convertView, ViewGroup parent) {  
 ViewHolder holder = null;  
 */\*\*  
 \* 如果缓存convertView为空，则需要创建View  
 \*/* if (convertView == null) {  
 holder = new ViewHolder();  
 */\*\*  
 \* 根据自定义的Item布局加载布局  
 \*/* convertView = mInflater.inflate(R.layout.*fragment\_one\_list*, null);  
 holder.img = (ImageView) convertView.findViewById(R.id.*imageView\_2*);  
 holder.title = (TextView) convertView.findViewById(R.id.*one\_list\_textView\_1*);  
 holder.info = (TextView) convertView.findViewById(R.id.*one\_list\_textView\_2*);  
 holder.img1 = (ImageButton) convertView.findViewById(R.id.*imageBtn\_true*);  
 */\*\*  
 \* 将设置好的布局保存到缓存中，并将其设置在Tag里，以便后面方便取出Tag  
 \*/* convertView.setTag(holder);  
 } else {  
 holder = (ViewHolder) convertView.getTag();  
 }  
// holder.img.setBackgroundResource((Integer) data.get(position).get("img"));  
 holder.title.setText(data.get(position).getSchedule\_details());  
 holder.info.setText(data.get(position).getSchedule\_beigntime());  
// holder.img1.setBackgroundResource((Integer) data.get(position).get("img1"));  
 return convertView;  
 }  
 }  
  
 private void initView() {  
 mTextView = (TextView) findViewById(R.id.*textview*);  
 mEditText = (EditText) findViewById(R.id.*edittext*);  
 mImageView = (ImageView) findViewById(R.id.*imageview*);  
 mListView = (ListView) findViewById(R.id.*listview*);  
 //设置删除图片的点击事件  
 mImageView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 //把EditText内容设置为空  
 mEditText.setText("");  
 //把ListView隐藏  
 mListView.setVisibility(View.*GONE*);  
 }  
 });  
 //EditText添加监听  
 mEditText.addTextChangedListener(new TextWatcher() {  
 @Override  
 //文本改变之前执行  
 public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
 }  
  
 @Override  
 //文本改变的时候执行  
 public void onTextChanged(CharSequence s, int start, int before, int count) {  
 //如果长度为0  
 if (s.length() == 0) {  
 //隐藏“删除”图片  
 mImageView.setVisibility(View.*GONE*);  
 } else {//长度不为0  
 //显示“删除图片”  
 mImageView.setVisibility(View.*VISIBLE*);  
 //显示ListView  
 showListView();  
 }  
 }  
  
 private void showListView() {  
 */\*\*  
 \* 适配器  
 \* 获取将要绑定的数据设置到data中  
 \*/* lv = (ListView) findViewById(R.id.*listview*);  
 mTextView.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 data = getData();  
 MyAdapter adapter = new MyAdapter(SeachscheduleActivity.this);  
 lv.setAdapter(adapter);  
 lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 Intent intent = new Intent(SeachscheduleActivity.this, EditScheduleActivity.class);  
 intent.putExtra("data", data.get(i));  
 startActivity(intent);  
 }  
 });  
 }  
 });  
 }  
  
 //文本改变之后执行  
 public void afterTextChanged(Editable s) {  
 }  
 });  
 }  
}

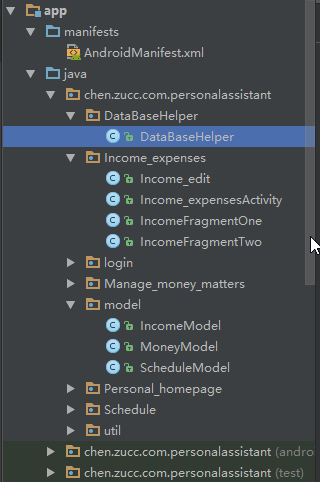
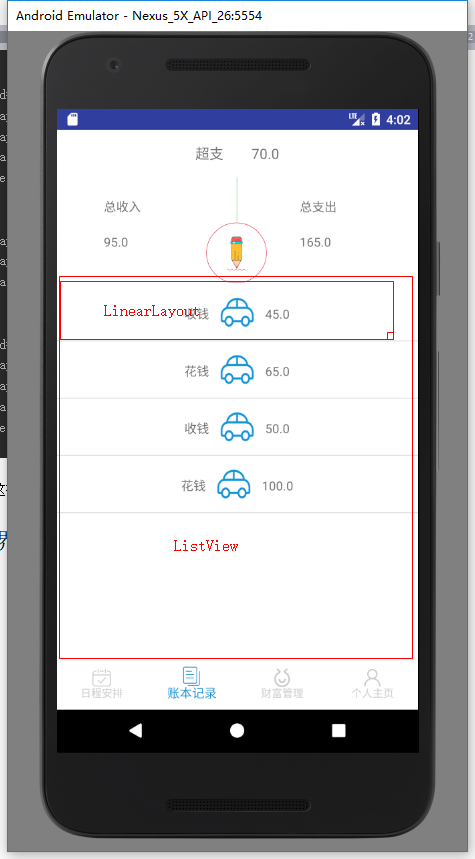
用了一个popWindow但是还没有完善

Popwindow的xml文件：

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="160dp"  
 android:layout\_height="48dp"  
 android:background="@mipmap/duihuakuang"  
 android:gravity="center"  
 android:orientation="horizontal"  
 android:paddingBottom="2dp">  
  
 <TextView  
 android:id="@+id/pop\_computer"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="4dp"  
 android:text="时间" />  
  
 <View  
 android:layout\_width="1dp"  
 android:layout\_height="24dp"  
 android:background="#bdbdbd" />  
  
 <TextView  
 android:id="@+id/pop\_financial"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="4dp"  
 android:text="图片" />  
  
 <View  
 android:layout\_width="1dp"  
 android:layout\_height="24dp"  
 android:background="#bdbdbd" />  
  
 <TextView  
 android:id="@+id/pop\_manage"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="4dp"  
 android:text="删除" />  
</LinearLayout>

日程界面大致就是这样了

2日程安排界面



账本记录的数据库表：

public static final String *CREATE\_Income* = "create table Income("  
 + "id integer primary key autoincrement,"  
 + "Income\_income real ,"  
 + "Income\_expense real ,"  
 + "Income\_classes text ,"  
 + "Income\_time text )";

对应的对它进行创建实体类。

这个功能主要进行的是记账功能，记录你的收入与支出

应用的适配器与前面的都是一样的，只是listView 里面的嵌套的是Linealayout操作会比之前的简单一些下面是主要代码

activity\_income\_expenses.xml文件：

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_centerHorizontal="true"  
 android:background="@color/background"  
 android:orientation="vertical"  
tools:context="chen.zucc.com.personalassistant.Income\_expenses.Income\_expensesActivity">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="0">  
  
 <TextView  
 android:id="@+id/shenyu\_chaozhi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_toLeftOf="@+id/remaining"  
 android:padding="16dp"  
 android:text="剩余:"  
 android:textSize="16sp" />  
  
 <TextView  
 android:id="@+id/remaining"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_toEndOf="@+id/textView\_2"  
 android:padding="16dp"  
 android:text="00.00"  
 android:textSize="16sp" />  
  
 <TextView  
 android:id="@+id/textView\_2"  
 android:layout\_width="100dp"  
 android:layout\_height="72dp"  
 android:layout\_above="@+id/roundedImageView"  
 android:layout\_alignRight="@+id/view\_1"  
 android:layout\_below="@+id/remaining"  
 android:layout\_marginRight="52dp"  
 android:layout\_marginTop="24dp"  
 android:text="总收入" />  
  
 <TextView  
 android:id="@+id/textView\_3"  
 android:layout\_width="100dp"  
 android:layout\_height="72dp"  
 android:layout\_above="@+id/roundedImageView"  
 android:layout\_alignLeft="@+id/view\_1"  
 android:layout\_below="@+id/remaining"  
 android:layout\_marginLeft="72dp"  
 android:layout\_marginTop="24dp"  
 android:text="总支出" />  
  
 <View  
 android:id="@+id/view\_1"  
 android:layout\_width="1dp"  
 android:layout\_height="50dp"  
 android:layout\_below="@+id/remaining"  
 android:layout\_centerHorizontal="true"  
 android:background="#c8e6c9"/>  
  
 <com.makeramen.roundedimageview.RoundedImageView  
 android:id="@+id/roundedImageView"  
 android:layout\_width="72dp"  
 android:layout\_height="72dp"  
 android:layout\_below="@+id/view\_1"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginRight="4dp"  
 android:layout\_marginStart="33dp"  
 android:src="@drawable/edit"  
 app:riv\_oval="true" />  
  
 <TextView  
 android:id="@+id/totalIncome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/textView\_2"  
 android:layout\_below="@+id/textView\_2"  
 android:layout\_marginTop="14dp"  
 android:text="00.00" />  
  
 <TextView  
 android:id="@+id/totalExpenses"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBaseline="@+id/totalIncome"  
 android:layout\_alignStart="@+id/textView\_3"  
 android:text="00.00" />  
 </RelativeLayout>  
  
 <ListView  
 android:id="@+id/income\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"  
 tools:listitem="@layout/activity\_income\_expenser\_list">  
   
 </ListView>  
  
 <com.ashokvarma.bottomnavigation.BottomNavigationBar  
 android:id="@+id/bottom\_navigation\_bar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom"  
 android:layout\_weight="0" />  
</LinearLayout>

Activity文件：Income\_expensesActivity

import android.content.Context;  
import android.content.Intent;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.support.v7.app.AppCompatActivity;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.AdapterView;  
import android.widget.BaseAdapter;  
import android.widget.ImageButton;  
import android.widget.ListView;  
import android.widget.TextView;  
import com.ashokvarma.bottomnavigation.BottomNavigationBar;  
import com.ashokvarma.bottomnavigation.BottomNavigationItem;  
import com.makeramen.roundedimageview.RoundedImageView;  
  
import java.util.ArrayList;  
import java.util.List;  
  
import chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
import chen.zucc.com.personalassistant.Manage\_money\_matters.Manager\_money\_mattersActivity;  
import chen.zucc.com.personalassistant.Personal\_homepage.homepage;  
import chen.zucc.com.personalassistant.R;  
import chen.zucc.com.personalassistant.Schedule.ScheduleActivity;  
import chen.zucc.com.personalassistant.model.IncomeModel;  
  
public class Income\_expensesActivity extends AppCompatActivity implements BottomNavigationBar.OnTabSelectedListener{  
 private ListView lv;  
 private List<IncomeModel> data;  
 private DataBaseHelper dbHelper;  
 private SQLiteDatabase db;  
 int lastSelectedPosition = 1;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_income\_expenses*);  
 dbHelper = new DataBaseHelper(this, "PersonalAssistant.db", null, 1);  
 db = dbHelper.getReadableDatabase();  
 TextView re=(TextView)findViewById(R.id.*remaining*);  
 Float sum=getsum2()-getsum1();  
 TextView ShenyuChaozhi=(TextView)findViewById(R.id.*shenyu\_chaozhi*);  
 if (sum<0){  
 sum=-sum;  
 ShenyuChaozhi.setText("超支");  
 }  
 re.setText(sum.toString());  
 TextView totalExpenses=(TextView)findViewById(R.id.*totalExpenses*);  
 Cursor cousor2 = db.rawQuery("select SUM(Income\_expense) from Income ", new String[]{});  
 while (cousor2.moveToNext()) {  
 Float sm =(cousor2.getFloat(cousor2.getColumnIndex("SUM(Income\_expense)")));  
 totalExpenses.setText(sm.toString());  
 }  
 TextView totalIncome=(TextView)findViewById(R.id.*totalIncome*);  
 Cursor cousor1 = db.rawQuery("select SUM(Income\_income) from Income ", new String[]{});  
 while (cousor1.moveToNext()) {  
 Float sm =(cousor1.getFloat(cousor1.getColumnIndex("SUM(Income\_income)")));  
 totalIncome.setText(sm.toString());  
 }  
// db.close();  
 */\*\*  
 \* 适配器  
 \*/* lv = (ListView)findViewById(R.id.*income\_list*);  
 */\*\*  
 \* 获取将要绑定的数据设置到data中  
 \*/* data = getData();  
 MyAdapter adapter = new MyAdapter(this);  
 lv.setAdapter(adapter);  
 lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {  
 Intent intent = new Intent(Income\_expensesActivity.this,Income\_edit.class);  
 intent.putExtra("data",data.get(i));  
 startActivity(intent);  
 }  
 });  
 BottomNavigationBar bottomNavigationBar = (BottomNavigationBar) findViewById(R.id.*bottom\_navigation\_bar*);  
 bottomNavigationBar.setMode(BottomNavigationBar.*MODE\_FIXED*);  
 RoundedImageView viewbtn=(RoundedImageView)findViewById(R.id.*roundedImageView*);  
 viewbtn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(Income\_expensesActivity.this, Income\_edit.class);  
 startActivity(intent\_1);  
 }  
 });  
  
 bottomNavigationBar.addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_schedule*, "日程安排").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_bill*, "账本记录").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_managemoney*, "财富管理").setActiveColorResource(R.color.*blue*))  
 .addItem(new BottomNavigationItem(R.mipmap.*ic\_action\_person*, "个人主页").setActiveColorResource(R.color.*blue*))  
 .setFirstSelectedPosition(lastSelectedPosition)  
 .setBackgroundStyle(BottomNavigationBar.*BACKGROUND\_STYLE\_STATIC*)  
 .initialise();  
 bottomNavigationBar.setTabSelectedListener(this);  
 }  
  
 public Float getsum1() {  
 db = dbHelper.getReadableDatabase();  
 Cursor sum0 = db.rawQuery("select SUM(Income\_expense) from Income ", new String[]{});  
 sum0.moveToNext();  
 Float income =(sum0.getFloat(sum0.getColumnIndex("SUM(Income\_expense)")));  
// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));  
 return income;  
 }  
  
 public Float getsum2() {  
 db = dbHelper.getReadableDatabase();  
 Cursor sum0 = db.rawQuery("select SUM(Income\_income) from Income ", new String[]{});  
 sum0.moveToNext();  
 Float income =(sum0.getFloat(sum0.getColumnIndex("SUM(Income\_income)")));  
// Log.d( "SUMDAY ", "SUMDAY "+ sum.getDouble(sum.getColumnIndex("sum(SortMoney\_money)")));  
 return income;  
 }  
  
 private List<IncomeModel> getData() {  
 List<IncomeModel> list = new ArrayList<>();  
 Cursor cursor = db.rawQuery("select id,Income\_income,Income\_expense,Income\_classes from Income order by id", new String[]{});  
 while (cursor.moveToNext()) {  
 IncomeModel sm = new IncomeModel();  
 sm.setId(cursor.getInt(cursor.getColumnIndex("id")));  
 sm.setIncome(cursor.getFloat(cursor.getColumnIndex("Income\_income")));  
 sm.setClassess(cursor.getString(cursor.getColumnIndex("Income\_classes")));  
 sm.setExpense(cursor.getFloat(cursor.getColumnIndex("Income\_expense")));  
 list.add(sm);  
 }  
 db.close();  
 return list;  
 }  
  
 */\*\*  
 \* 日程条目点击时被调用，打开编辑日程界面，同时传入当前日程信息  
 \*/  
  
 /\*\*  
 \* ViewHolder静态类  
 \*/* static class ViewHolder {  
 public RoundedImageView img;  
 public TextView title;  
 public TextView info;  
 public ImageButton img1;  
 }  
  
 public class MyAdapter extends BaseAdapter {  
 private LayoutInflater mInflater = null;  
  
 private MyAdapter(Context context) {  
 */\*\*  
 \* 根据context上下文加载布局，这里的是Demo17Activity本身，即this  
 \*/* this.mInflater = LayoutInflater.*from*(context);  
 }  
 @Override  
 public int getCount() {  
 */\*\*  
 \* 在此适配器中所代表的数据集中的条目数  
 \*/* return data.size();  
 }  
 @Override  
 public Object getItem(int position) {  
 */\*\*  
 \* 获取数据集中与指定索引对应的数据项  
 \*/* return position;  
 }  
 @Override  
 public long getItemId(int position) {  
 */\*\*  
 \* 获取在列表中与指定索引对应的行id  
 \*/* return position;  
 }  
 */\*\*  
 \* 获取一个在数据集中指定索引的视图来显示数据  
 \*/* @Override  
 public View getView(int position, View convertView, ViewGroup parent) {  
 ViewHolder holder = null;  
 */\*\*  
 \* 如果缓存convertView为空，则需要创建View  
 \*/* if (convertView == null) {  
 holder = new ViewHolder();  
 */\*\*  
 \* 根据自定义的Item布局加载布局  
 \*/* convertView = mInflater.inflate(R.layout.*activity\_income\_expenser\_list*, null);  
 holder.img = (RoundedImageView) convertView.findViewById(R.id.*type*);  
 holder.title = (TextView) convertView.findViewById(R.id.*income\_type*);  
 holder.info = (TextView) convertView.findViewById(R.id.*income\_money*);  
// holder.img1 = (ImageButton) convertView.findViewById(R.id.imageBtn\_true);  
 */\*\*  
 \* 将设置好的布局保存到缓存中，并将其设置在Tag里，以便后面方便取出Tag  
 \*/* convertView.setTag(holder);  
 } else {  
 holder = (ViewHolder) convertView.getTag();  
 }  
 // holder.img.setBackgroundResource((Integer) data.get(position).get("img"));  
 holder.title.setText(data.get(position).getClassess() + "");  
 if ((int)data.get(position).getIncome() != 0) {  
 holder.info.setText(data.get(position).getIncome() + "");  
 } else {  
 holder.info.setText(data.get(position).getExpense() + "");  
 }  
 // holder.img1.setBackgroundResource((Integer) data.get(position).get("img1"));  
 return convertView;  
 }  
 }  
 public void onTabSelected(int position) {  
 lastSelectedPosition = position;  
 switch (position) {  
 case 0:  
 Intent intent0 = new Intent(this, ScheduleActivity.class);  
 this.startActivity(intent0);  
 break;  
  
 case 1:  
 Intent intent1 = new Intent(this, Income\_expensesActivity.class);  
 this.startActivity(intent1);  
 break;  
  
 case 2:  
 Intent intent2 = new Intent(this, Manager\_money\_mattersActivity.class);  
 this.startActivity(intent2);  
 break;  
  
 case 3:  
 Intent intent3 = new Intent(this, homepage.class);  
 this.startActivity(intent3);  
 break;  
 }  
  
 }  
 public void onTabUnselected(int position) {  
  
 }  
 public void onTabReselected(int position) {  
  
 }

}

添加收支记录

Xml

Actiivity\_income\_edit.xml

Fragment\_incomeone.xml

Fragment\_incometwo.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="@color/background"  
 tools:context="chen.zucc.com.personalassistant.Income\_expenses.Income\_edit">  
  
 <LinearLayout  
 android:gravity="center\_vertical"  
 android:orientation="horizontal"  
 android:id="@+id/linear\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentStart="true">  
  
 <ImageButton  
 android:layout\_marginLeft="16dp"  
 android:background="@mipmap/back2"  
 android:layout\_width="24dp"  
 android:layout\_height="24dp"  
 android:id="@+id/imageBtn\_1"/>  
  
 <TextView  
 android:layout\_marginStart="32dp"  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="日常账本"  
 android:textSize="20sp"  
 android:textColor="#ff3d00" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_2"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="56dp"  
 android:layout\_width="160dp"  
 android:layout\_height="32dp">  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="@drawable/schedule\_color"  
 android:textColor="@drawable/schedule\_color"  
 android:text="收入"  
 />  
 <Button  
 android:id="@+id/btn2"  
 android:layout\_weight="1"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/schedule\_color"  
 android:textColor="@drawable/schedule\_color"  
 android:text="支出"/>  
 </LinearLayout>  
 <FrameLayout  
 android:layout\_marginTop="8dp"  
 android:layout\_below="@+id/linear\_2"  
 android:id="@+id/income\_frame\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#dddddd"  
 android:layout\_alignParentStart="true">  
 </FrameLayout>  
</RelativeLayout>

Fragment\_incomeone.xml

Fragment\_incometwo.xml

两个xml类似

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="72dp"  
 android:background="#ff3d00"  
 android:orientation="horizontal">  
 <TextView  
 android:id="@+id/income\_income"  
 android:layout\_width="72dp"  
 android:layout\_height="48dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="12dp"  
 android:text="收钱"  
 android:textColor="#fff"  
 android:textSize="32sp" />  
 <EditText  
 android:id="@+id/muchMoney"  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_marginStart="32dp"  
 android:layout\_marginTop="12dp"  
 android:ems="10"  
 android:gravity="right"  
 android:hint="0.00"  
 android:inputType="numberDecimal"  
 android:maxLength="7"  
 android:paddingRight="16dp"  
 android:textColor="#fff"  
 android:textSize="24sp"  
 android:theme="@style/Editthem" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="72dp"  
 android:gravity="center\_horizontal"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/makemoney" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="赚钱" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/wage" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="工资" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/welfare" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="福利" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/investment" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="投资收益" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/refund" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="退款" />  
 </LinearLayout>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/linear\_2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="72dp"  
 android:layout\_below="@+id/linear\_1"  
 android:gravity="center\_horizontal"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/accumulation" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:text="公积金" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/expense" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="报销" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/redenvelope" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="红包" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/borrow" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="借入款 " />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <ImageView  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="8dp"  
 android:background="@mipmap/other" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:layout\_marginTop="4dp"  
 android:text="其他" />  
 </LinearLayout>  
 </LinearLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="48dp"  
 android:layout\_alignParentBottom="true"  
 android:background="#ffffff">  
  
 <Button  
 android:id="@+id/income\_cancel"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="16dp"  
 android:background="#ffffff"  
 android:text="取消" />  
  
 <Button  
 android:id="@+id/income\_true"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginRight="16dp"  
 android:background="#ffffff"  
 android:text="确认" />  
 </RelativeLayout>  
  
 <ImageButton  
 android:id="@+id/imageBtn\_s1"  
 android:layout\_width="32dp"  
 android:layout\_height="32dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:background="@mipmap/schedule" />  
  
 <TextView  
 android:id="@+id/income\_time"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBottom="@+id/imageBtn\_s1"  
 android:layout\_marginStart="16dp"  
 android:layout\_toEndOf="@+id/imageBtn\_s1"  
 android:text="2017-7-9"  
 android:textSize="16sp" />  
 </RelativeLayout>  
</LinearLayout>

Activity文件：

Income\_edit

IncomeFragmentOne

IncomeFragmentTwo

import android.content.Intent;  
import android.os.Bundle;  
import android.support.v4.app.FragmentTransaction;  
import android.support.v7.app.AppCompatActivity;  
import android.view.View;  
import android.widget.Button;  
import android.widget.ImageButton;  
  
import chen.zucc.com.personalassistant.R;  
  
public class Income\_edit extends AppCompatActivity implements View.OnClickListener {  
 private IncomeFragmentOne f1;  
 private IncomeFragmentTwo f2;  
 //底部三个按钮  
 private Button foot1;  
 private Button foot2;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_income\_edit*);  
 foot1 = (Button) findViewById(R.id.*btn1*);  
 foot2 = (Button) findViewById(R.id.*btn2*);  
 foot1.setOnClickListener(this);  
 foot2.setOnClickListener(this);  
 //第一次初始化首页默认显示第一个fragment  
 initFragment1();  
 ImageButton button=(ImageButton) findViewById(R.id.*imageBtn\_1*);  
 button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(Income\_edit.this, Income\_expensesActivity.class);  
 startActivity(intent\_1);  
 }  
 });  
 }  
 private void initFragment1(){  
 //开启事务，fragment的控制是由事务来实现的  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
 //第一种方式（add），初始化fragment并添加到事务中，如果为null就new一个  
 if(f1 == null){  
 f1= new IncomeFragmentOne();  
 transaction.add(R.id.*income\_frame\_layout*, f1);  
 }  
 //隐藏所有fragment  
 hideFragment(transaction);  
 //显示需要显示的fragment  
 transaction.show(f1);  
 transaction.commit();  
 }  
 //显示第二个fragment  
 private void initFragment2(){  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
  
 if(f2 == null){  
 f2 = new IncomeFragmentTwo();  
 transaction.add(R.id.*income\_frame\_layout*,f2);  
 }  
 hideFragment(transaction);  
 transaction.show(f2);  
 transaction.commit();  
 }  
 //隐藏所有的fragment  
 private void hideFragment(FragmentTransaction transaction){  
 if(f1 != null){  
 transaction.hide(f1);  
 }  
 if(f2 != null){  
 transaction.hide(f2);  
 }  
 }  
 @Override  
 public void onClick(View v) {  
 if(v == foot1){  
 initFragment1();  
 }else if(v == foot2){  
 initFragment2();}  
  
 }  
}

IncomeFragmentOne

IncomeFragmentTwo

两个Activity相似，只需改变些许内容就

package chen.zucc.com.personalassistant.Income\_expenses;  
  
import android.app.DatePickerDialog;  
import android.content.ContentValues;  
import android.content.Intent;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.support.v4.app.Fragment;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.DatePicker;  
import android.widget.EditText;  
import android.widget.ImageButton;  
import android.widget.TextView;  
import chen.zucc.com.personalassistant.DataBaseHelper.DataBaseHelper;  
import chen.zucc.com.personalassistant.R;  
  
*/\*\*  
 \* Created by chenchongkang on 2017/7/7.  
 \*/*public class IncomeFragmentOne extends Fragment {  
 private DataBaseHelper dbHelper;  
 private ImageButton btn;  
 private TextView tv;  
 private TextView tv\_1;  
 private EditText edt;  
 private TextView tv\_2;  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 final View view = LayoutInflater.*from*(getActivity()).inflate(R.layout.*fragment\_incomeone*,container,false);  
 dbHelper = new DataBaseHelper(getActivity(), "PersonalAssistant.db", null, 1);  
 Button btn\_cancel=(Button)view.findViewById(R.id.income\_cancel);  
 btn\_cancel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent\_1 = new Intent(getActivity(), Income\_expensesActivity.class);  
 startActivity(intent\_1);  
 }  
 });  
 btn=(ImageButton)view.findViewById(R.id.*imageBtn\_s1*);  
 tv= (TextView)view.findViewById(R.id.*income\_time*);  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 new DatePickerDialog(getActivity(), new DatePickerDialog.OnDateSetListener() {  
 @Override  
 public void onDateSet(DatePicker view, int year, int monthOfYear, int dayOfMonth) {  
 tv.setText(String.*format*("%d-%d-%d",year,monthOfYear+1,dayOfMonth));  
 }  
 },2017,6,9).show();  
 }  
 });  
  
  
 edt=(EditText)view.findViewById(R.id.*muchMoney*);  
 tv\_1=(TextView)view.findViewById(R.id.*income\_income*);  
 tv\_2 = (TextView)view.findViewById(R.id.*income\_time*);  
  
 Button btn\_true = (Button) view.findViewById(R.id.*income\_true*);  
 btn\_true.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent\_1 = new Intent(getActivity(), Income\_expensesActivity.class);  
 startActivity(intent\_1);  
 */\*\*  
 \* 将数据保存至数据库  
 \*/* SQLiteDatabase db = dbHelper.getWritableDatabase();  
 String IncomeIncome = edt.getText().toString();  
 String IncomeClasses=tv\_1.getText().toString();  
 String IncomeTime=tv\_2.getText().toString();  
 ContentValues values = new ContentValues();  
 values.put("Income\_income", IncomeIncome);  
 values.put("Income\_classes", IncomeClasses);  
 values.put("Income\_time", IncomeTime);  
 db.insert("Income", null, values);  
 db.close();  
 }  
 });  
 return view;  
  
 }  
}