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| **세대 소통 플랫폼 개발** | | | ***안드로이드 프로그래밍*** |
| 학번 | 201210578 | 이름 | 송승기 |

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| **현황 분석** | * 2018년 65세 이상 인구가 차지하는 구성비는 14.3%로 지속적으로 증가하여 2060년에 41%가 될 것으로 전망. * 높아지는 고령화 시대, 세대 간 갈등도 심화. |
| **과제 파악** | * 갈등의 원인 중 하나는 세대간 소통할 수 있는 플랫폼의 부재 * 세대 간 소통할 수 있는 플랫폼 필요 |
| **목표 설정** | * 세대 간 소통할 수 있는 플랫폼 제작 * 멘토링 활동을 기록할 수 있는 기능 * 사진을 공유하는 기능 * 일정 등록 * YouTube 동영상 재생 기능 |
| **주요 특징** | * 내부 데이터베이스인 SQLite를 이용하여 MemberRecord에서 일정 데이터를 추가, 제거, 조회 기능을 수행한다. * 외부 데이터베이스인 MySQL을 이용하여 로그인과 회원가입 기능을 구현한다 * 메인 화면을 Tablayout 한 뒤 두 개의 Fragment로 구성 * 사진 공유 화면을 RecyclerView로 구성 * Drawer을 통해 언제든지 원하는 메뉴로 이동 * Youtube Api를 받아와 영상 재생 |

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| 개발 내용 및 방법 | |
| 화면설계 | * 시작화면  |  |  |  | | --- | --- | --- | | StartActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * ImageView * TextView |  * 메인화면  |  |  |  | | --- | --- | --- | | MainActivity | 레이아웃 | ConstraintLayout | |  | 사용위젯 | * ImageView * TextView * Viewflipper * TabLayout * ListView * Fragment * DrawerLayout |  |  |  |  | | --- | --- | --- | | MainActivity(드로어) | 레이아웃 | LinearLayout | |  | 사용위젯 | * ImageView * TextView * Viewflipper * TabLayout * ListView * Fragment * DrawerLayout |  * DrawerLayout을 통해 Drawer 구현(평소에는 닫혀져 있다가 swipe시 보임 * Tab를 통해 Fragment간 이동 * Viewflipper 를 이용 화면을 밀어낼 때 Fragment간 이동 가능 * 로그인 화면  |  |  |  | | --- | --- | --- | | LoginActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button |  * Intent 메소드를 통해 회원가입 화면으로 이동 * Mysql DB를 사용해 로그인 구현 * 회원가입 화면  |  |  |  | | --- | --- | --- | | RegisterActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button |  * Mysql DB를 사용해 로그인 구현 * 멘토 멤버 화면  |  |  |  | | --- | --- | --- | | MemberActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * DrawerLayout * ListView |  * 멤버\_기록 화면  |  |  |  | | --- | --- | --- | | Member\_RecordActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * ScrollView |  * 내부데이터베이스인 SQLite를 사용하여 활동 일지를 기록 * 입력, 삭제, 수정 , 조회 기능 구현 * 멤버\_사진 화면  |  |  |  | | --- | --- | --- | | Member\_InstaActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * ScrollView |  * 멤버\_일정 화면  |  |  |  | | --- | --- | --- | | Member\_CalendarActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * ScrollView |  * 멤버\_영상 화면  |  |  |  | | --- | --- | --- | | Member\_VideoActivity | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * Button * View |  * Youtube Api를 연동하여 영상 재생 * 메인의 메인 프래그먼트  |  |  |  | | --- | --- | --- | | Fragment\_two\_main | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * ScrollView |  * 메인의 나눔 프래그먼트  |  |  |  | | --- | --- | --- | | Fragment\_one\_photo | 레이아웃 | LinearLayout | |  | 사용위젯 | * TextView * EditText * Button * ScrollView | |
| 프로그래밍 설계도 |  |
| 개발과정 | * Fragment에서 Activity로 이동할 때, Intent 함수를 이용하였지만 이동 실패 * Intent(getActivity(),띄우고 싶은 액티비티.class))로 가능 * ConstraintLayout 이 다른 Layout보다 더 유연한 레이아웃이지만 사용하기가   어렵게 느껴짐. LinearLayout을 주로 사용.   * SDK 버전 등 예물레이터 환경을 제대로 잡아주지 못할 때는 Open module set   Ting을 이용   * Youtubeplayer 연동 시 view에서 youtubeplayer을 제대로 잡아주지 못함 * View를 Youtubeview로 변경 후 엑티비티에서 YouTubeBaseActivity를 상속 받아줌 |
| 향후계획 | * 서버를 구축하여 데이터 업로드와 다운로드를 하여 동영상 및 사진을 업로딩 * 사용자 간의 채팅이 가능하도록 서버를 구성 * 회원의 각자의 정보를 가질 수 있도록 데이터베이스 구축 * 인스타나 페이스북처럼 자신의 사진을 모두에게 공유할 수 있는 시스템 구축 * User Friendly Interface를 조사하여 디자인 변경 |

**Code**

**StartActivity**

**package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.os.Handler;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.ImageView;  
**import** android.widget.ViewFlipper;  
  
**public class** StartActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_start***);  
  
 ImageView imageView = (ImageView)findViewById(R.id.***IV\_start***);  
 imageView.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(StartActivity.**this**, MainActivity.**class**);  
 startActivity(intent);  
 }  
 });  
   
 }  
   
}

**activity\_start.xml**

*<?***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="#ffffff"  
 android:backgroundTint="#7BCC8B"  
 android:orientation="vertical"  
 tools:context=".StartActivity"**>  
  
 <**TextView  
 android:id="@+id/TV\_start"  
 android:layout\_width="match\_parent"  
 android:layout\_height="245dp"  
 android:gravity="left"  
 android:padding="30dp"  
 android:text="WE"  
 android:textColor="#ffffff"  
 android:textSize="70sp"  
 android:textStyle="bold"** />  
  
  
 <**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="382dp"  
 android:src="@drawable/main"** />  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"**>  
  
 <**TextView  
 android:layout\_width="330dp"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:text="START"  
 android:textColor="#FFFFFF"**/>  
  
 <**ImageView  
 android:id="@+id/IV\_start"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="right"  
 android:background="#6BBC7B"  
 android:src="@drawable/right"** />  
 </**LinearLayout**>  
  
  
</**LinearLayout**>

**MainActivity  
package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.support.design.widget.TabLayout;  
**import** android.support.v4.view.ViewPager;  
**import** android.support.v4.widget.DrawerLayout;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Gravity;  
**import** android.view.View;  
**import** android.widget.AdapterView;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.ListView;  
**import** android.widget.TextView;  
**import** com.example.song.youandwe.Fragement\_main.TabPagerAdapter;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 **private** TabLayout **tabLaoyout**;  
 **private** ViewPager **viewPager**;  
 ListView **listView** = **null**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
  
 TextView tv\_login\_main = (TextView)findViewById(R.id.***TV\_login\_main***);  
 **tabLaoyout** = (TabLayout) findViewById(R.id.***tabLayout***);  
 **tabLaoyout**.addTab(**tabLaoyout**.newTab().setText(**"메인"**));  
 **tabLaoyout**.addTab(**tabLaoyout**.newTab().setText(**"나눔"**));  
 **tabLaoyout**.setTabGravity(TabLayout.***GRAVITY\_FILL***);  
  
 **viewPager** = (ViewPager) findViewById(R.id.***pager***);  
  
 tv\_login\_main.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(MainActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 }  
 });  
 TabPagerAdapter pagerAdapter = **new** TabPagerAdapter(getSupportFragmentManager(),**tabLaoyout**.getTabCount());  
 **viewPager**.setAdapter(pagerAdapter);  
 **viewPager**.addOnPageChangeListener(**new** TabLayout.TabLayoutOnPageChangeListener(**tabLaoyout**));  
  
  
  
 **tabLaoyout**.addOnTabSelectedListener(**new** TabLayout.OnTabSelectedListener() {  
 @Override  
 **public void** onTabSelected(TabLayout.Tab tab) {  
 **viewPager**.setCurrentItem(tab.getPosition());  
 }  
  
 @Override  
 **public void** onTabUnselected(TabLayout.Tab tab) {  
  
 }  
  
 @Override  
 **public void** onTabReselected(TabLayout.Tab tab) {  
  
 }  
 });  
 **final** String[] items = {**"로그인"**, **"회원가입"**, **"영상"**};  
  
 ArrayAdapter adapter = **new** ArrayAdapter(**this**, android.R.layout.***simple\_list\_item\_1***, items);  
  
 **listView** = (ListView)findViewById(R.id.***LV\_main***);  
 **listView**.setAdapter(adapter);  
  
 **listView**.setOnItemClickListener(**new** ListView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {  
  
 **switch**(position){  
 **case** 0:  
 Intent intent = **new** Intent(MainActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 **break**;  
 **case** 1:  
 Intent intent1 = **new** Intent(MainActivity.**this**, RegisterActivity.**class**);  
 startActivity(intent1);  
 **break**;  
 **case** 2:  
 Intent intent2 = **new** Intent(MainActivity.**this**, Video\_IT.**class**);  
 startActivity(intent2);  
 }  
 DrawerLayout drawer = (DrawerLayout)findViewById(R.id.***drawer\_main***);  
 drawer.closeDrawer(Gravity.***LEFT***);  
 }  
 });  
  
  
 }  
}

**Activity\_main**

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.constraint.ConstraintLayout 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"  
 tools:context=".MainActivity"  
 android:orientation="vertical"**>  
  
  
 <**android.support.v4.widget.DrawerLayout  
 android:background="#FFFFFF"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 android:id="@+id/drawer\_main"**>  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
 <**TextView  
 android:text="We"  
 android:fontFamily="monospace"  
 android:paddingLeft="16dp"  
 android:paddingTop="20dp"  
 android:textSize="70sp"  
 android:textColor="#F65F5F"  
 android:textStyle="bold"  
 android:layout\_width="match\_parent"  
 android:layout\_height="130dp"** />  
  
 <**TextView  
 android:id="@+id/TV\_login\_main"  
 android:text="로그인"  
 android:textSize="20sp"  
 android:textAlignment="textEnd"  
 android:paddingRight="10dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
  
  
  
 <**android.support.design.widget.TabLayout  
 android:id="@+id/tabLayout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#7BCC8B"  
 android:minHeight="?attr/actionBarSize"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"** />  
  
 <**android.support.v4.view.ViewPager  
 android:id="@+id/pager"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
  
  
 <**LinearLayout  
 android:background="#7BCC8B"  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp"  
 android:padding="20dp"  
 android:orientation="vertical"**>  
  
 </**LinearLayout**>  
  
 <**ImageView  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="300dp"  
 android:src="@drawable/main\_we"** />  
 </**LinearLayout**>  
 <**ListView  
 android:layout\_width="150dp"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="start"  
 android:background="#7BCC8B"  
 android:dividerHeight="4dp"  
 android:divider="#00000000"  
 android:alpha="127"  
 android:id="@+id/LV\_main"**>  
  
 </**ListView**>  
  
  
 </**android.support.v4.widget.DrawerLayout**>  
  
</**android.support.constraint.ConstraintLayout**>

**LoginActivity**

**package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AlertDialog;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.song.youandwe.Login\_DataBase\_php.LoginRequest;  
  
**import** org.json.JSONObject;  
  
**public class** LoginActivity **extends** AppCompatActivity {  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
  
  
 **final** EditText idText = (EditText)findViewById(R.id.***ID\_input***);  
 **final** EditText passwordText = (EditText)findViewById(R.id.***PW\_input***);  
 **final** TextView LogToRe = (TextView)findViewById(R.id.***Log\_Re***);  
 **final** Button button\_login = (Button) findViewById(R.id.***BT\_login***);  
  
 button\_login.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(LoginActivity.**this**, MemberActvity.**class**);  
 startActivity(intent);  
 }  
 });  
 LogToRe.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(LoginActivity.**this**, RegisterActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 button\_login.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **final** String userID = idText.getText().toString();  
 **final** String userPassword = passwordText.getText().toString();  
  
  
  
 Response.Listener<String> responseListener = **new** Response.Listener<String>() {  
  
 @Override  
 **public void** onResponse(String response) {  
 **try**{  
 JSONObject jsonResponse = **new** JSONObject(response);  
 **boolean** success = jsonResponse.getBoolean(**"success"**);  
 **if**(success){  
 String userID = jsonResponse.getString(**"userID"**);  
 String userPassword = jsonResponse.getString(**"userPassword"**);  
 Intent intent = **new** Intent(LoginActivity.**this**, MemberActvity.**class**);  
 intent.putExtra(**"userID"**, userID);  
 intent.putExtra( **"userPassword"**, userPassword);  
 }  
 **else**{  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(LoginActivity.**this**);  
 builder.setMessage(**"로그인에 실패하였습니다."**)  
 .setNegativeButton(**"다시 시도"**, **null**)  
 .create()  
 .show();  
 }  
 }**catch** (Exception e){  
 e.printStackTrace();  
 }  
 }  
 };  
  
 LoginRequest loginRequest = **new** LoginRequest(userID, userPassword, responseListener);  
 RequestQueue queue = Volley.*newRequestQueue*(LoginActivity.**this**);  
 queue.add(loginRequest);  
 }  
 });  
  
 }  
}

**activity\_login**

*<?***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="#7BCC8B"  
   
 android:orientation="vertical"  
 tools:context=".LoginActivity"**>  
  
  
 <**TextView  
 android:id="@+id/TV\_register"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="monospace"  
 android:padding="50dp"  
 android:text="We"  
 android:textAlignment="textStart"  
 android:textColor="#FFFFFF"  
 android:textSize="40sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/Log\_Re"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="10dp"  
 android:gravity="right"  
 android:text="Sign up"  
 android:textColor="@color/colorPrimary"** />  
  
 <**LinearLayout  
 android:layout\_width="350dp"  
 android:layout\_height="350dp"  
 android:layout\_gravity="center"  
 android:background="#FFFFFF"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="70dp"  
 android:padding="15dp"  
 android:text="Sign in"  
 android:textSize="30sp"**/>  
  
 <**EditText  
 android:padding="10dp"  
 android:drawableLeft="@drawable/ic\_person\_black\_24dp"  
 android:id="@+id/ID\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginLeft="40dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginRight="40dp"  
 android:layout\_marginBottom="10dp"  
 android:background="#7BCC8B"** />  
  
  
 <**EditText  
 android:padding="10dp"  
 android:drawableLeft="@drawable/ic\_vpn\_key\_black\_24dp"  
 android:id="@+id/PW\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginLeft="40dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="40dp"  
 android:layout\_marginBottom="10dp"  
 android:background="#7BCC8B"** />  
  
  
 <**Button  
 android:id="@+id/BT\_login"  
 android:layout\_width="200dp"  
 android:layout\_height="40dp"  
 android:layout\_centerHorizontal="true"  
  
 android:layout\_gravity="center"  
 android:layout\_marginTop="20dp"  
 android:background="#62B95C"  
 android:text="Sign in"  
 android:textColor="#FFFFFF"  
 android:textStyle="bold"** />  
  
  
 </**LinearLayout**>  
  
</**LinearLayout**>

**RegisterActivity**

**package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AlertDialog;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.song.youandwe.Login\_DataBase\_php.RegisterRequest;  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
  
 **final** EditText edit\_ID = (EditText) findViewById(R.id.***Id\_input***);  
 **final** EditText edit\_PW = (EditText) findViewById(R.id.***Pw\_input***);  
 **final** EditText edit\_NAME = (EditText) findViewById(R.id.***NAME\_input***);  
 **final** EditText edit\_AGE = (EditText) findViewById(R.id.***AGE\_input***);  
 TextView ReToLog = (TextView)findViewById(R.id.***Re\_Log***);  
  
 Button btRegister = (Button)findViewById(R.id.***BT\_register***);  
  
 btRegister.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String userID = edit\_ID.getText().toString();  
 String userPassword = edit\_PW.getText().toString();  
 String userName = edit\_NAME.getText().toString();  
 **int** userAge = Integer.*parseInt*(edit\_AGE.getText().toString());  
  
 Response.Listener<String> responseListener = **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **try** {  
 JSONObject jsonResponse = **new** JSONObject(response);  
 **boolean** success = jsonResponse.getBoolean(**"success"**);  
 **if** (success) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);  
 builder.setMessage(**"성공!"**)  
 .setPositiveButton(**"확인"**, **null**)  
 .create()  
 .show();  
 Intent intent = **new** Intent(RegisterActivity.**this**, LoginActivity.**class**);  
 RegisterActivity.**this**.startActivity(intent);  
 } **else** {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);  
 builder.setMessage(**"실패!"**)  
 .setNegativeButton(**"다시해"**, **null**)  
 .create()  
 .show();  
 }  
 } **catch** (JSONException e) {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(RegisterActivity.**this**);  
 builder.setMessage(**"실패!"**)  
 .setNegativeButton(**"다시해"**, **null**)  
 .create()  
 .show();  
 e.printStackTrace();  
 }  
 }  
  
 };  
 RegisterRequest registerRequest = **new** RegisterRequest(userID, userPassword, userName, userAge,responseListener );  
 RequestQueue queue = Volley.*newRequestQueue*(RegisterActivity.**this**);  
 queue.add(registerRequest);  
 }  
 });  
  
 TextView RegisterHome = (TextView) findViewById(R.id.***home\_register***);  
 RegisterHome.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(RegisterActivity.**this**, MainActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 ReToLog.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(RegisterActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 }  
  
}

**activity\_register**

*<?***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=".RegisterActivity"  
 android:background="#7BCC8B"**>  
  
  
 <**TextView  
 android:id="@+id/TV\_register"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:fontFamily="monospace"  
 android:padding="50dp"  
 android:text="WE"  
 android:textAlignment="textStart"  
 android:textColor="#FFFFFF"  
 android:textSize="40sp"  
 android:textStyle="bold"** />  
  
 <**TextView  
 android:id="@+id/Re\_Log"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="10dp"  
 android:gravity="right"  
 android:text="Sign in"  
 android:textColor="@color/colorPrimary"** />  
 <**LinearLayout  
 android:layout\_width="350dp"  
 android:layout\_height="350dp"  
 android:layout\_gravity="center"  
 android:background="#FFFFFF"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="70dp"  
 android:padding="15dp"  
 android:text="Sign up"  
 android:textSize="30sp"**/>  
  
 <**EditText  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:id="@+id/Id\_input"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="ID"** />  
  
  
 <**EditText  
 android:id="@+id/Pw\_input"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="Password"** />  
  
  
 <**EditText  
 android:id="@+id/NAME\_input"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="이름"** />  
  
  
 <**EditText  
 android:id="@+id/AGE\_input"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="나이"** />  
  
  
 <**Button  
 android:id="@+id/BT\_register"  
 android:layout\_width="200dp"  
 android:layout\_height="40dp"  
 android:layout\_centerHorizontal="true"  
  
 android:layout\_gravity="center"  
 android:layout\_marginTop="20dp"  
 android:background="#62B95C"  
 android:text="Sign up"  
 android:textColor="#FFFFFF"  
 android:textStyle="bold"** />  
  
  
 </**LinearLayout**>  
  
 <**TextView  
 android:id="@+id/home\_register"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="0dp"  
 android:layout\_marginBottom="15dp"  
 android:fontFamily="@font/acme"  
 android:gravity="bottom"  
 android:paddingLeft="10dp"  
 android:paddingBottom="10dp"  
 android:text="HOME"** />  
</**LinearLayout**>

**DBHelper**

**package** com.example.song.youandwe.Record\_DB;  
  
**import** android.content.Context;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.database.sqlite.SQLiteOpenHelper;  
  
**public class** DBHelper **extends** SQLiteOpenHelper {  
**public** DBHelper(Context context, String name, SQLiteDatabase.CursorFactory factory, **int** version) {  
 **super**(context, name, factory, version);  
 }  
@Override  
 **public void** onCreate(SQLiteDatabase db) {  
db.execSQL(**"CREATE TABLE MONEYBOOK (\_id INTEGER PRIMARY KEY AUTOINCREMENT, item TEXT, price INTEGER, create\_at TEXT);"**);  
 }  
@Override  
 **public void** onUpgrade(SQLiteDatabase db, **int** oldVersion, **int** newVersion) {  
  
 }  
  
 **public void** insert(String create\_at, String item, **int** price) {  
SQLiteDatabase db = getWritableDatabase();  
db.execSQL(**"INSERT INTO MONEYBOOK VALUES(null, '"** + item + **"', "** + price + **", '"** + create\_at + **"');"**);  
 db.close();  
 }  
  
 **public void** update(String item, **int** price) {  
 SQLiteDatabase db = getWritableDatabase();db.execSQL(**"UPDATE MONEYBOOK SET price="** + price + **" WHERE item='"** + item + **"';"**);  
 db.close();  
 }  
  
 **public void** delete(String item) {  
 SQLiteDatabase db = getWritableDatabase();  
db.execSQL(**"DELETE FROM MONEYBOOK WHERE item='"** + item + **"';"**);  
 db.close();  
 }  
  
 **public** String getResult() {  
SQLiteDatabase db = getReadableDatabase();  
 String result = **""**;Cursor cursor = db.rawQuery(**"SELECT \* FROM MONEYBOOK"**, **null**);  
 **while** (cursor.moveToNext()) {  
 result +=  
 cursor.getString(1)  
 + **" | "** + cursor.getInt(2)  
 + **"시간 "** + cursor.getString(3)  
 + **"\n"**;  
 }  
  
 **return** result;  
 }  
}

**TabPagerAdapter**

**package** com.example.song.youandwe.Fragement\_main;  
  
**import** android.support.v4.app.Fragment;  
**import** android.support.v4.app.FragmentManager;  
**import** android.support.v4.app.FragmentPagerAdapter;  
  
**public class** TabPagerAdapter **extends** FragmentPagerAdapter {  
  
 **private int tabCount**;  
  
 **public** TabPagerAdapter(FragmentManager fm, **int** tabCount) {  
 **super**(fm);  
 **this**.**tabCount** = tabCount;  
 }  
  
 @Override  
 **public** Fragment getItem(**int** position) {  
  
 **switch** (position){  
 **case** 1:  
 FragmentOne fragmentOne = **new** FragmentOne();  
 **return** fragmentOne;  
 **case** 0:  
 FragmentTwo fragmentTwo = **new** FragmentTwo();  
 **return** fragmentTwo;  
 **default**:  
 **return null**;  
 }  
  
  
 }  
  
 @Override  
 **public int** getCount() {  
 **return tabCount**;  
 }  
}

**FragmentOne**

**package** com.example.song.youandwe.Fragement\_main;  
  
**import** android.content.Intent;  
**import** android.support.annotation.NonNull;  
**import** android.support.annotation.Nullable;  
**import** android.support.v4.app.Fragment;  
**import** android.os.Bundle;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.ImageView;  
**import** com.example.song.youandwe.R;  
**import** com.example.song.youandwe.Video\_IT;  
  
**public class** FragmentOne **extends** Fragment {  
  
 ImageView **imageView\_It**;  
 ImageView **imageView\_Rl**;  
 ImageView **imageView\_Work**;  
 @Nullable  
 @Override  
 **public** View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {  
  
 View view = inflater.inflate(R.layout.***fragment\_one\_photo***, container, **false**);  
 **imageView\_It** = (ImageView)view.findViewById(R.id.***iv\_item\_video***);  
 **imageView\_Rl** = (ImageView)view.findViewById(R.id.***iv\_item\_video\_two***);  
 **imageView\_Work** = (ImageView)view.findViewById(R.id.***iv\_item\_video\_three***);  
 **imageView\_It**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(getActivity(), Video\_IT.**class**);  
 startActivity(intent);  
 }  
 });  
  
 **return** view;  
 }  
   
}

**fragment\_one\_photo**

*<?***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="wrap\_content"  
 android:orientation="vertical"**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cv\_item\_movie\_parent"  
 android:layout\_width="match\_parent"  
 android:layout\_height="180dp"  
 app:cardCornerRadius="4dp"  
 app:cardUseCompatPadding="true"  
 app:cardElevation="4dp"**>  
  
 <**ImageView  
 android:src="@drawable/it"  
 android:id="@+id/iv\_item\_video"  
 android:layout\_width="match\_parent"  
 android:layout\_height="240dp"  
 android:alpha="0.3"  
 android:scaleType="centerCrop"** />  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/tv\_item\_video"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="50dp"  
 android:text="IT/컴퓨터"  
 android:textColor="#49a613"  
 android:textSize="36sp"  
 android:textStyle="bold"** />  
 </**LinearLayout**>  
  
 </**android.support.v7.widget.CardView**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cv\_item\_movie\_parent\_two"  
 android:layout\_width="match\_parent"  
 android:layout\_height="180dp"  
 app:cardCornerRadius="4dp"  
 app:cardUseCompatPadding="true"  
 app:cardElevation="4dp"**>  
  
 <**ImageView  
 android:src="@drawable/relation"  
 android:id="@+id/iv\_item\_video\_two"  
 android:layout\_width="match\_parent"  
 android:layout\_height="240dp"  
 android:alpha="0.3"  
 android:scaleType="centerCrop"** />  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/tv\_item\_video\_two"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="50dp"  
 android:text="관계"  
 android:textColor="#49a613"  
 android:textSize="36sp"  
 android:textStyle="bold"** />  
 </**LinearLayout**>  
  
 </**android.support.v7.widget.CardView**>  
  
 <**android.support.v7.widget.CardView  
 android:id="@+id/cv\_item\_movie\_parent\_three"  
 android:layout\_width="match\_parent"  
 android:layout\_height="180dp"  
 app:cardCornerRadius="4dp"  
 app:cardUseCompatPadding="true"  
 app:cardElevation="4dp"**>  
  
 <**ImageView  
 android:src="@drawable/work"  
 android:id="@+id/iv\_item\_video\_three"  
 android:layout\_width="match\_parent"  
 android:layout\_height="240dp"  
 android:alpha="0.3"  
 android:scaleType="centerCrop"** />  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/tv\_item\_video\_three"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="50dp"  
 android:text="직무"  
 android:textColor="#49a613"  
 android:textSize="36sp"  
 android:textStyle="bold"** />  
 </**LinearLayout**>  
  
 </**android.support.v7.widget.CardView**>  
  
</**LinearLayout**>

**Fragment\_two\_main**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout  
 android:orientation="vertical"  
 android:background="#FFFFFF"  
 xmlns:android="http://schemas.android.com/apk/res/android" android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
 <**TextView  
 android:text="세대 소통 프로젝트 'We'"  
 android:textColor="#000000"  
 android:textSize="30sp"  
 android:textStyle="bold"  
 android:paddingLeft="10dp"  
 android:paddingTop="30dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
 <**TextView  
 android:text="청년 어르신이 멘토가 되어 소통합니다."  
 android:textColor="#000000"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 android:paddingLeft="10dp"  
 android:paddingTop="20dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
 <**TextView  
 android:text="소통을 통해 '우리'를 만듭니다"  
 android:textColor="#000000"  
 android:textSize="16sp"  
 android:textStyle="bold"  
 android:paddingLeft="10dp"  
 android:paddingTop="16dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
 <**ImageView  
 android:layout\_marginTop="50dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="300dp"  
 android:src="@drawable/main\_we"** />  
</**LinearLayout**>

**MemberActivity**

**package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.view.View.OnClickListener;  
**import** android.widget.ListView;  
**import** android.widget.TextView;  
  
**public class** MemberActvity **extends** AppCompatActivity {  
 ListView **listView** = **null**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_member\_actvity***);  
  
 TextView tv\_record = (TextView)findViewById(R.id.***TV\_record\_member***);  
 TextView tv\_video =(TextView)findViewById(R.id.***TV\_video\_member***);  
 TextView tv\_insta = (TextView)findViewById(R.id.***TV\_insta\_member***);  
 TextView tv\_calendar = (TextView)findViewById(R.id.***TV\_calendar\_member***);  
  
  
 tv\_record.setOnClickListener(**new** OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(MemberActvity.**this**, member\_RecordActivity.**class**);  
 startActivity(intent);  
 }  
 });  
 tv\_video.setOnClickListener(**new** OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(MemberActvity.**this**, member\_VideoActivity.**class**);  
 startActivity(intent);  
 }  
 });  
 tv\_insta.setOnClickListener(**new** OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(MemberActvity.**this**, member\_InstaActivity.**class**);  
 startActivity(intent);  
 }  
 });  
 tv\_calendar.setOnClickListener(**new** OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(MemberActvity.**this**, member\_CalendarActivity.**class**);  
 startActivity(intent);  
 }  
 });  
}  
}

**activity\_member**

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.constraint.ConstraintLayout 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"  
  
 tools:context=".MemberActvity"  
 android:orientation="vertical"**>  
  
 <**android.support.v4.widget.DrawerLayout  
 android:background="#FFFFFF"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 android:id="@+id/drawer\_main"**>  
  
 <**LinearLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
 <**TextView  
 android:text="We"  
  
 android:fontFamily="monospace"  
 android:paddingLeft="16dp"  
 android:paddingTop="30dp"  
 android:textSize="60sp"  
 android:textColor="#F65F5F"  
 android:textStyle="bold"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"** />  
<**TextView  
 android:background="#7BCC8B"  
 android:layout\_width="match\_parent"  
 android:layout\_height="30dp"** />  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="300dp"**>  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:orientation="horizontal"**>  
 <**TextView  
  
 android:id="@+id/TV\_record\_member"  
 android:textStyle="bold"  
 android:textColor="#FFFFFF"  
 android:background="#FF6868"  
 android:textSize="50sp"  
 android:gravity="center"  
 android:text="기록"  
 android:layout\_weight="1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
  
 <**TextView  
 android:id="@+id/TV\_video\_member"  
 android:textStyle="bold"  
 android:textColor="#FFFFFF"  
 android:background="#FFDC67"  
 android:textSize="50sp"  
 android:gravity="center"  
 android:text="영상"  
 android:layout\_weight="1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"  
 android:orientation="horizontal"**>  
  
 <**TextView  
 android:id="@+id/TV\_insta\_member"  
 android:textStyle="bold"  
 android:textColor="#FFFFFF"  
 android:background="#E375FF"  
 android:textSize="50sp"  
 android:gravity="center"  
 android:text="사진"  
 android:layout\_weight="1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
 <**TextView  
 android:id="@+id/TV\_calendar\_member"  
 android:textStyle="bold"  
 android:textColor="#FFFFFF"  
 android:background="#6680FF"  
 android:textSize="50sp"  
 android:gravity="center"  
 android:text="일정"  
 android:layout\_weight="1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
  
  
 </**LinearLayout**>  
  
  
 </**LinearLayout**>  
 <**TextView  
 android:background="#7BCC8B"  
 android:layout\_width="match\_parent"  
 android:layout\_height="30dp"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
 </**LinearLayout**>  
  
 <**ListView  
 android:layout\_width="150dp"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="start"  
 android:background="#7BCC8B"  
 android:dividerHeight="4dp"  
 android:divider="#00000000"  
 android:alpha="127"  
 android:id="@+id/LV\_main\_member"**>  
  
 </**ListView**>  
  
 </**android.support.v4.widget.DrawerLayout**>  
</**android.support.constraint.ConstraintLayout**>

**Member\_RecordActivity**

**package** com.example.song.youandwe;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**import** com.example.song.youandwe.Record\_DB.DBHelper;  
  
**import** java.text.SimpleDateFormat;  
**import** java.util.Date;  
  
**public class** member\_RecordActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_record\_member***);  
  
 **final** DBHelper dbHelper = **new** DBHelper(getApplicationContext(), **"MoneyBook.db"**, **null**, 1);**final** TextView result = (TextView) findViewById(R.id.***result***);  
 **final** EditText etDate = (EditText) findViewById(R.id.***date***);  
 **final** EditText etItem = (EditText) findViewById(R.id.***item***);  
 **final** EditText etPrice = (EditText) findViewById(R.id.***price***);**long** now = System.*currentTimeMillis*();  
 Date date = **new** Date(now);  
SimpleDateFormat simpleDateFormat = **new** SimpleDateFormat(**"yyyy년 MM월 dd일"**);  
 etDate.setText(simpleDateFormat.format(date));  
Button insert = (Button) findViewById(R.id.***insert***);  
 insert.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String date = etDate.getText().toString();  
 String item = etItem.getText().toString();  
 **int** price = Integer.*parseInt*(etPrice.getText().toString());  
  
 dbHelper.insert(date, item, price);  
 result.setText(dbHelper.getResult());  
 }  
 });  
Button update = (Button) findViewById(R.id.***update***);  
 update.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String item = etItem.getText().toString();  
 **int** price = Integer.*parseInt*(etPrice.getText().toString());  
  
 dbHelper.update(item, price);  
 result.setText(dbHelper.getResult());  
 }  
 });  
Button delete = (Button) findViewById(R.id.***delete***);  
 delete.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String item = etItem.getText().toString();  
  
 dbHelper.delete(item);  
 result.setText(dbHelper.getResult());  
 }  
 });  
Button select = (Button) findViewById(R.id.***select***);  
 select.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 result.setText(dbHelper.getResult());  
 }  
 });  
 }  
}

**activity\_record\_member**

*<?***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"  
 tools:context=".member\_RecordActivity"  
 android:orientation="vertical"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"** >  
  
 <**TextView  
 android:fontFamily="monospace"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="We:기록"  
 android:paddingLeft="16dp"  
 android:paddingTop="40dp"  
 android:textSize="40sp"  
 android:textColor="#FF6868"  
 android:textStyle="bold"**/>  
 </**LinearLayout**>  
 <**LinearLayout  
  
 android:background="#FF6868"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:gravity="center\_vertical"**>  
  
  
 <**TextView  
 android:textColor="#FFFFFF"  
 android:layout\_marginLeft="10dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="날짜"** />  
  
 <**EditText  
 android:background="#FFFFFF"  
 android:id="@+id/date"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:clickable="false"  
 android:focusable="false"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
  
 android:background="#FF6868"  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:gravity="center\_vertical"**>  
  
 <**TextView  
 android:textColor="#FFFFFF"  
 android:layout\_marginLeft="10dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="활동"** />  
  
 <**EditText  
 android:id="@+id/item"  
 android:background="#FFFFFF"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:background="#FF6868"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:gravity="center\_vertical"**>  
  
 <**TextView  
 android:textColor="#FFFFFF"  
 android:layout\_marginLeft="10dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="시간"** />  
  
 <**EditText  
  
 android:background="#FFFFFF"  
 android:id="@+id/price"  
 android:layout\_width="300dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="16dp"  
 android:inputType="number"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:background="#FF6868"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** >  
  
 <**Button  
  
 android:id="@+id/insert"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="추가"** />  
  
 <**Button  
 android:id="@+id/delete"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="삭제"** />  
  
 <**Button  
 android:id="@+id/update"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="수정"** />  
  
 <**Button  
 android:id="@+id/select"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="조회"** />  
  
 </**LinearLayout**>  
  
 <**ScrollView  
 android:background="#FF6868"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:layout\_marginLeft="30dp"  
 android:textColor="#FFFFFF"  
 android:id="@+id/result"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"**/>  
 </**ScrollView**>  
</**LinearLayout**>

**Member\_VideoActivity**

**package** com.example.song.youandwe;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** com.google.android.youtube.player.YouTubeBaseActivity;  
**import** com.google.android.youtube.player.YouTubeInitializationResult;  
**import** com.google.android.youtube.player.YouTubePlayer;  
**import** com.google.android.youtube.player.YouTubePlayerView;  
  
**public class** member\_VideoActivity **extends** YouTubeBaseActivity {  
 YouTubePlayerView **youtubeView**;  
 Button **button**;  
 YouTubePlayer.OnInitializedListener **listener**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_member\_\_video***);  
  
 **button** = (Button) findViewById((R.id.***youtubeButton***));  
 **youtubeView** = (YouTubePlayerView)findViewById(R.id.***youtubeView***);  
  
 **listener** = **new** YouTubePlayer.OnInitializedListener() {  
 @Override  
 **public void** onInitializationSuccess(YouTubePlayer.Provider provider, YouTubePlayer youTubePlayer, **boolean** b) {  
  
 youTubePlayer.loadVideo(**"sqppHRn9WPs"**);  
 }  
  
 @Override  
 **public void** onInitializationFailure(YouTubePlayer.Provider provider, YouTubeInitializationResult youTubeInitializationResult) {  
  
 }  
 };  
  
 **button**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **youtubeView**.initialize(**"AIzaSyDQgtpw1a08kxOjLeAU04iXqJSFx5-62Ms"**,**listener**);  
 }  
 });  
  
  
 }  
}

**activity\_member\_video**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 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"  
 tools:context=".member\_VideoActivity"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"** >  
  
 <**TextView  
 android:fontFamily="monospace"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="We:영상"  
 android:paddingLeft="16dp"  
 android:paddingTop="40dp"  
 android:textSize="40sp"  
 android:textColor="#FFDC67"  
 android:textStyle="bold"**/>  
 </**LinearLayout**>  
  
  
 <**ScrollView  
 android:background="#FFDC67"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
<**com.google.android.youtube.player.YouTubePlayerView  
  
 android:layout\_margin="10dp"  
 android:id="@+id/youtubeView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"**>  
  
  
</**com.google.android.youtube.player.YouTubePlayerView**>  
 <**Button  
 android:id="@+id/youtubeButton"  
 android:text="시작"  
 android:layout\_gravity="center"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"** />  
  
 </**LinearLayout**>  
  
 </**ScrollView**>  
</**LinearLayout**>

**Member\_InstaActivity**

**package** com.example.song.youandwe;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.support.v7.widget.LinearLayoutManager;  
**import** android.support.v7.widget.RecyclerView;  
  
**import** com.example.song.youandwe.adapter.CategoryAdapter;  
**import** com.example.song.youandwe.data.SampleData;  
  
**public class** member\_InstaActivity **extends** AppCompatActivity {  
 **private** CategoryAdapter **adapter** = **new** CategoryAdapter();  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 setContentView(R.layout.***activity\_member\_insta***);  
 RecyclerView recyclerView = (RecyclerView) findViewById(R.id.***recycler\_view\_two***);  
  
 recyclerView.setLayoutManager(**new** LinearLayoutManager(**this**));  
 recyclerView.setAdapter(**adapter**);  
  
 **adapter**.setItems(**new** SampleData().getItems());  
 }  
}

**CategoryAdapter**

**package** com.example.song.youandwe.adapter;  
  
**import** android.media.Image;  
**import** android.provider.MediaStore;  
**import** android.support.annotation.NonNull;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** com.bumptech.glide.Glide;  
**import** com.example.song.youandwe.Model.Video\_Category;  
**import** com.example.song.youandwe.R;  
  
**import** java.util.ArrayList;  
  
**public class** CategoryAdapter **extends** RecyclerView.Adapter<CategoryAdapter.ViewHolder> {  
  
 **private** ArrayList<Video\_Category> **items** = **new** ArrayList<>();  
  
 @NonNull  
 @Override  
 **public** CategoryAdapter.ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** i) {  
  
 View itemView = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***video\_it***, parent, **false**);  
 ViewHolder viewHolder = **new** ViewHolder(itemView);  
  
 **return** viewHolder;  
 }  
  
 @Override  
 **public void** onBindViewHolder(@NonNull CategoryAdapter.ViewHolder viewHolder, **int** position) {  
  
 Video\_Category item = **items**.get(position);  
  
 Glide.*with*(viewHolder.**itemView**.getContext())  
 .load(item.getUrl())  
 .into(viewHolder.**ivVideo**);  
 viewHolder.**tvTitle**.setText(item.getTitle());  
 viewHolder.**tvTeam**.setText(item.getTeam\_name());  
 viewHolder.**tvCategory**.setText(item.getCategory());  
 }  
  
 @Override  
 **public int** getItemCount() {  
 **return items**.size();  
 }  
  
 **public void** setItems(ArrayList<Video\_Category> items) {  
 **this**.**items** = items;  
 }  
  
  
 **public class** ViewHolder **extends** RecyclerView.ViewHolder {  
  
 ImageView **ivVideo**;  
 TextView **tvTitle**;  
 TextView **tvTeam**;  
 TextView **tvCategory**;  
  
 **public** ViewHolder(View itemView) {  
 **super**(itemView);  
 **tvTeam** = itemView.findViewById(R.id.***TV\_teamName***);  
 **tvTitle**= itemView.findViewById(R.id.***TV\_text***);  
 **ivVideo** = itemView.findViewById(R.id.***iv\_item\_video***);  
 **tvCategory** = itemView.findViewById(R.id.***tv\_item\_video***);  
 }  
  
  
 }  
}

**PhotoCategory**

**package** com.example.song.youandwe.Model;  
  
**public class** Video\_Category {  
  
 **private** String **url**;  
 **private** String **category**;  
 **private** String **team\_name**;  
 **private** String **title**;  
  
 **public** Video\_Category(String team\_name, String title, String url, String category){  
 **this**.**team\_name** = team\_name;  
 **this**.**title** = title;  
 **this**.**url** = url;  
 **this**.**category** = category;  
 }  
  
 **public** String getTeam\_name() {  
 **return team\_name**;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public** String getUrl() {  
 **return url**;  
 }  
  
 **public** String getCategory() {  
 **return category**;  
 }  
}

**SampleData**

**package** com.example.song.youandwe.data;  
  
**import** android.graphics.drawable.Drawable;  
**import** android.provider.MediaStore;  
**import** android.widget.ImageView;  
  
**import** com.example.song.youandwe.Model.Video\_Category;  
  
**import** java.util.ArrayList;  
  
**public class** SampleData {  
  
 ArrayList<Video\_Category> **items** = **new** ArrayList<>();  
  
 **public** ArrayList<Video\_Category> getItems() {  
  
 Video\_Category movie1 = **new** Video\_Category(**"부침개사랑"**, **"할머니와 부침개 만들어봤어요~"**, **"https://blogfiles.pstatic.net/MjAxODEyMDRfMjYy/MDAxNTQzODU0MjI1ODE0.RjjwAqstdcDLvU6YOhYwfisjqXZF6E4czWP4DyJVqIsg.D8tP9L1fgyRkUbNKE-vPhP3dDWvwPZVtL2qFRvxmgLwg.JPEG.qhftkf1/photo\_1.PNG"**,  
 **"음식"**);  
  
 Video\_Category movie2 = **new** Video\_Category(**"부침개사랑"**,**"맛있는 부침개, 역시 할머니 손맛"**,**"https://blogfiles.pstatic.net/MjAxODEyMDRfMTMy/MDAxNTQzODU1NjU4Mjgz.z-4b2RpnIt4nTlQkBA3s8ofAX3JhLgr52RjaKkFbjfcg.5C5GiqrTAZSiW5DFs7qGSUpQQD7hiZWRJKFW54DXKYEg.PNG.qhftkf1/44.PNG"**,**"음식"**);  
  
 Video\_Category movie3 = **new** Video\_Category(**"부침개사랑"**, **"사랑하는 할머니와"**,**"https://blogfiles.pstatic.net/MjAxODEyMDRfOTYg/MDAxNTQzODU1NDU0NTA4.MW3dBDu\_R-igvxiQYUi0jDYWkMlF8nTsWtt42DTadXQg.5Zb4wFcSN9WNMwpHdueA3PDGOQp3uMOVH535XpT9Hqkg.JPEG.qhftkf1/33.jpg"**,  
 **"음식"**);  
  
  
  
  
 **items**.add(movie1);  
 **items**.add(movie2);  
 **items**.add(movie3);  
  
 **items**.add(movie1);  
 **items**.add(movie2);  
 **items**.add(movie3);  
  
 **items**.add(movie1);  
 **items**.add(movie2);  
 **items**.add(movie3);  
  
 **return items**;  
 }  
}

**activity\_member\_insta**

*<?***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=".member\_InstaActivity"**>  
  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp"** >  
  
 <**TextView  
 android:background="#E375FF"  
 android:fontFamily="monospace"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="We:사진"  
 android:paddingLeft="16dp"  
 android:paddingTop="40dp"  
 android:textSize="40sp"  
 android:textColor="#FFFFFF"  
 android:textStyle="bold"**/>  
 </**LinearLayout**>  
  
  
  
 <**android.support.v7.widget.RecyclerView  
 android:id="@+id/recycler\_view\_two"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** />  
  
  
  
  
</**LinearLayout**>

**Member\_CalendarActivity**

**package** com.example.song.youandwe;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.widget.CalendarView;  
  
**public class** member\_CalendarActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_member\_calendar***);  
  
 CalendarView mCalendarView = (CalendarView)findViewById(R.id.***CV\_member***);  
  
 mCalendarView.setOnDateChangeListener(**new** CalendarView.OnDateChangeListener() {  
 @Override  
 **public void** onSelectedDayChange( CalendarView view, **int** year, **int** month, **int** dayOfMonth) {  
 String date = (year) + **"/"** + (month+1) + **"/ "** + dayOfMonth;  
  
 Intent intent = **new** Intent(member\_CalendarActivity.**this**, pageOfcalendar.**class**);  
 intent.putExtra(**"date"**, date);  
 startActivity(intent);  
 }  
 });  
  
 }  
}

**activity\_member\_calendar**

*<?***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=".member\_CalendarActivity"**>  
  
 <**LinearLayout  
android:layout\_width="match\_parent"  
android:layout\_height="150dp"** >  
  
<**TextView  
 android:fontFamily="monospace"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="We:일정"  
 android:paddingLeft="16dp"  
 android:paddingTop="40dp"  
 android:textSize="40sp"  
 android:textColor="#6680FF"  
 android:textStyle="bold"**/>  
</**LinearLayout**>  
  
  
<**ScrollView  
android:background="#6680FF"  
android:layout\_width="match\_parent"  
android:layout\_height="match\_parent"**>  
  
 <**CalendarView  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 android:background="#FFFFFF"  
 android:layout\_marginTop="50dp"  
 android:id="@+id/CV\_member"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
</**ScrollView**>  
 </**LinearLayout**>