

SabPaisa Payment Gateway integration Developers Guide

1. Please Download the SDK required for Integrations

SabPaisa PG SDK

<https://drive.google.com/file/d/1eqevGnBscwbcQ9IqjZ004e-edZm6hk7X/view?usp=sharing>

2. Build Gradle Android Studio

Please Include the SDK in libs folder of APP project.

```
implementation files('libs/SabPaisaSDK_Ver1.0.aar')
```

3. Main Activity XML Demo

Required Information -

1. First Name
2. Last Name
3. Contact Number
4. Email-ID
5. Address
6. Txn . Amount

Demo Code

```
<?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:id="@+id/txnlayoutcont"
    android:orientation="vertical">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_marginTop="20dp"
        android:gravity="center_horizontal"
        android:layout_marginRight="15dp"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Fill basic details "
            android:textStyle="bold"
            android:textSize="20dp"/>
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginTop="70dp"
        android:layout_marginLeft="20dp"
```

```
android:orientation="vertical"
android:layout_marginRight="15dp">
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="First Name"
        android:textStyle="bold"
        android:layout_weight="0.5"
        android:id="@+id/t1"
        android:textSize="16sp"
    />
    <EditText
        android:id="@+id/name1"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="16sp"
        android:hint="Enter your First name" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="50dp"
    android:visibility="gone"
    android:orientation="horizontal"
    >
    <TextView
        android:id="@+id/t2"
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:textSize="17sp"
        android:text="Client Name :" />
    <TextView
        android:id="@+id/t22"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:textSize="17sp"
        android:text="ABC" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Last Name"
        android:textStyle="bold"
        android:layout_weight="0.5"
        android:id="@+id/tn"
        android:textSize="17sp" />
    <EditText
        android:id="@+id/lastname"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:textSize="15sp"
        android:hint="Enter your Last name" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:id="@+id/t3"
        android:layout_width="101dp"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:text="Contact"
        android:textSize="17sp"
        android:textStyle="bold" />
    <EditText
        android:id="@+id/contact1"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="15sp"
        android:hint="Enter your mobile number" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:id="@+id/t4"
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:text="Email-ID"
        android:textSize="17sp"
        android:textStyle="bold" />
    <EditText
        android:id="@+id/email1"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="17sp"
        android:hint="Enter your Email-ID" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:id="@+id/t6"
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:text="Address"
        android:singleLine="true"
        android:textSize="17sp"
        android:textStyle="bold" />
    <EditText

```

```

        android:id="@+id/adress1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_weight="0.5"
        android:hint="Enter your Address"
        android:maxLines="2"
        android:textSize="17sp" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="50dp"
        android:orientation="horizontal"
        android:layout_marginTop="5dp"
        >
        <TextView
            android:id="@+id/t7"
            android:layout_width="38dp"
            android:layout_height="wrap_content"
            android:layout_weight="0.5"
            android:text="Txn Amount"
            android:textSize="17sp"
            android:textStyle="bold" />
        <EditText
            android:id="@+id/amount1"
            android:layout_weight="0.5"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="17sp"
            android:hint=" Enter Amount" />
    </LinearLayout>
    <Button
        android:id="@+id/btn"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:textAllCaps="false"
        android:text="Next"
        android:layout_marginTop="10dp"
        android:visibility="visible"/>
</LinearLayout>
</RelativeLayout>

```

3. Main Activity Java Demo

Please Note that the Credentials mentioned are For test purpose.

CODE

```

package com.sabpaisa.demo;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.text.TextUtils;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import com.example.SabPaisaSDK.CommonUtil;
import com.example.SabPaisaSDK.EDW;
import com.example.SabPaisaSDK.PaymentResponse;
import com.example.SabPaisaSDK.SabPaisaPG;

```

```

import java.util.HashMap;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends Activity implements SabPaisaPG {
    Button next11;
    HashMap<String, String> hashMap;
    EditText Istname,Lastname,contact,email,address,txn_amount;
    String name1,name2;
    String contact1;
    String adress1;
    String email1;
    String txn;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Istname=(EditText)findViewById(R.id.name1);
        Lastname=(EditText)findViewById(R.id.lastname);
        contact=(EditText)findViewById(R.id.contact1);
        address=(EditText)findViewById(R.id.adress1);
        email=(EditText)findViewById(R.id.email1);
        txn_amount=(EditText)findViewById(R.id.amount1);
        next11=(Button)findViewById(R.id.btn);
        String abs = getIntent().getStringExtra("abc");
        Log.d("mainnjk", ""+abs);
        name1=Istname.getText().toString();
        contact1=contact.getText().toString();
        adress1=address.getText().toString();
        email1=email.getText().toString();
        txn=txn_amount.getText().toString();
        next11.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                name1=Istname.getText().toString();
                name2=Lastname.getText().toString();
                contact1=contact.getText().toString();
                adress1=address.getText().toString();
                email1=email.getText().toString();
                txn=txn_amount.getText().toString();
                Log.d("edittext", "==" + name1 + "--" + contact1 + "--" + email1 + "--" + txn + "--" + adress1);
                initHashMap();
                EDW edw = new EDW(hashMap, MainActivity.this);
                edw.initiatePayment();
            }
        });
    }
    private HashMap<String, String> initHashMap(){
        hashMap = new HashMap<>();
        hashMap.put(CommonUtil.KEY_USERNAME, "Ish988@sp");
        hashMap.put(CommonUtil.KEY_PASSWORD, "wF2F0io7gdNj");
        hashMap.put(CommonUtil.KEY_CLIENTCODE, "NITE5");
        hashMap.put(CommonUtil.KEY_AUTHKEY, "vuQy2eFx4q095E03");
        hashMap.put(CommonUtil.KEY_AUTHIV, "qz7zPW07upqREhuo");
        hashMap.put(CommonUtil.KEY_URLSUCCESS, "https://sabpaisa.in/");
        hashMap.put(CommonUtil.KEY_URLFAILURE, "https://sabpaisa.in/");
        hashMap.put(CommonUtil.KEY_SPHITURL, "https://securepay.sabpaisa.in/SabPaisa/");
        sabPaisaInit");
        hashMap.put(CommonUtil.KEY_TXNAMT, txn);
        hashMap.put(CommonUtil.KEY_PAYERFIRSTNAME, name1);
        hashMap.put(CommonUtil.KEY_PAYERLASTNAME, name2);
        hashMap.put(CommonUtil.KEY_PAYERCONTACT, contact1);
        hashMap.put(CommonUtil.KEY_PAYEREMAIL, email1);
        hashMap.put(CommonUtil.KEY_PAYERADDRESS, adress1);
        return hashMap;
    }
}

```

```

}
@Override
public void success(PaymentResponse paymentResponse) {
    System.out.println("----->"+paymentResponse.getSpRespStatus());
    Intent intent = new Intent(this, ShowTransactionSummary.class);
    intent.putExtra("firstName", checkNotNullOrNot(paymentResponse.getFirstName()));
    intent.putExtra("lastName", checkNotNullOrNot(paymentResponse.getLastName()));
    intent.putExtra("email", checkNotNullOrNot(paymentResponse.getEmail()));
    intent.putExtra("mobileNo", checkNotNullOrNot(paymentResponse.getMobileNo()));
    intent.putExtra("transDate", checkNotNullOrNot(paymentResponse.getTransDate()));
    intent.putExtra("spRespStatus",
checkNotNullOrNot(paymentResponse.getSpRespCode()));
    intent.putExtra("payMode", checkNotNullOrNot(paymentResponse.getPayMode()));
    intent.putExtra("SabPaisaTxId", (paymentResponse.getSabPaisaTxId()));
    intent.putExtra("amount", checkNotNullOrNot(paymentResponse.getAmount()));
    intent.putExtra("orgTxnAmount",
checkNotNullOrNot(paymentResponse.getOrgTxnAmount()));
    startActivity(intent);
}
private String checkNotNullOrNot(String string){
    if(TextUtils.isEmpty(string)){
        return "";
    }
    return string;
}
@Override
public void failure(String error) {
    System.out.println("----->"+error);
}
}
}

```

4. ShowTransactionSummary Activity XML

```

<?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:id="@+id/txnlayoutcont"
    android:orientation="vertical"
    >
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_marginTop="30dp"
        android:gravity="center_horizontal"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Transaction Report"
            android:textStyle="bold"
            android:textSize="20dp" />
        <TextView
            android:id="@+id/clientname"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="65dp"
            android:text="Client Name"
            android:textSize="18dp"

```

```

        android:visibility="gone"
        android:textStyle="bold"
    />
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_marginTop="70dp"
    android:layout_marginLeft="20dp"
    android:orientation="vertical">
    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_marginTop="30dp"
    >
        <TextView
            android:layout_width="66dp"
            android:layout_height="30dp"
            android:text="Txn Date"
            android:textStyle="bold"
            android:layout_weight="0.5"
            android:id="@+id/t1"
            android:textSize="17sp"
            android:layout_marginTop="20dp"/>
        <TextView
            android:id="@+id/t11"
            android:layout_weight="0.5"
            android:layout_width="wrap_content"
            android:layout_height="30dp"
            android:layout_marginTop="20dp"
            android:textSize="17sp"
        />
    </LinearLayout>
    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="50dp"
        android:visibility="gone"
        android:orientation="horizontal"
    >
        <TextView
            android:id="@+id/t2"
            android:layout_width="66dp"
            android:layout_height="30dp"
            android:layout_weight="0.5"
            android:textSize="17sp"
            android:text="Client Name : " />
        <TextView
            android:id="@+id/t22"
            android:layout_width="wrap_content"
            android:layout_height="30dp"
            android:layout_weight="0.5"
            android:textSize="17sp"
            android:text="ABC" />
    </LinearLayout>
    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_marginTop="5dp"
    >
        <TextView

```

```

        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Paid Amount"
        android:textStyle="bold"
        android:layout_weight="0.5"
        android:id="@+id/t3"
        android:textSize="17sp" />
    <TextView
        android:id="@+id/t33"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="17sp"
    />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:id="@+id/t4"
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:layout_weight="0.5"
        android:text="Txn Mode"
        android:textSize="17sp"
        android:textStyle="bold" />
    <TextView
        android:id="@+id/t44"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="17sp"
    />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Name"
        android:layout_weight="0.5"
        android:id="@+id/t5"
        android:textSize="17sp"
        android:textStyle="bold" />
    <TextView
        android:id="@+id/t55"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:textSize="17sp"
    />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"

```



```

>
<TextView
    android:id="@+id/t6"
    android:layout_width="66dp"
    android:layout_height="30dp"
    android:layout_weight="0.5"
    android:text="Txn Id"
    android:singleLine="true"
    android:textSize="17sp"
    android:textStyle="bold"/>
<TextView
    android:id="@+id/t66"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="0.5"
    android:maxLines="2"
    android:textSize="12sp" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="30dp"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Email Id"
        android:layout_weight="0.5"
        android:textStyle="bold"
        android:id="@+id/t7"
        android:textSize="17sp" />
    <TextView
        android:id="@+id/t77"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:textSize="17sp"
        />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="30dp"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Mobile No."
        android:textStyle="bold"
        android:layout_weight="0.5"
        android:id="@+id/t8"
        android:textSize="17sp" />
    <TextView
        android:id="@+id/t88"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:textSize="17sp"
        />
</LinearLayout><LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="30dp"

```

```

        android:orientation="horizontal"
        android:layout_marginTop="5dp"
        android:visibility="gone"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Base Amount"
        android:layout_weight="0.5"
        android:textStyle="bold"
        android:id="@+id/t9"
        android:textSize="17sp" />
    <TextView
        android:id="@+id/t99"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:textSize="17sp"
        android:text="ABC" />
</LinearLayout>
<LinearLayout
    android:layout_width="fill_parent"
    android:layout_height="30dp"
    android:orientation="horizontal"
    android:layout_marginTop="5dp"
    >
    <TextView
        android:layout_width="66dp"
        android:layout_height="30dp"
        android:text="Txn Status"
        android:layout_weight="0.5"
        android:id="@+id/t10"
        android:textStyle="bold"
        android:textSize="17sp" />
    <TextView
        android:id="@+id/t101"
        android:layout_weight="0.5"
        android:layout_width="wrap_content"
        android:layout_height="30dp"
        android:textSize="17sp"
        />
    </LinearLayout>
</LinearLayout>
</RelativeLayout>

```

5. ShowTransactionSummary Activity Java

```

package com.sabpaisa.demo;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.widget.TextView;
import androidx.appcompat.app.AppCompatActivity;
public class ShowTransactionSummary extends Activity {
    TextView t1,t2,t3,t4,t5,t6,t7,t8,t9,t10,clientname;
    String name,email,contact,id,date,status,amount,orgTxnAmount,mode;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_show_transaction_summary);
    }
}

```

```

t1=(TextView) findViewById(R.id.t11);
t2=(TextView) findViewById(R.id.t22);
t3=(TextView) findViewById(R.id.t33);
t4=(TextView) findViewById(R.id.t44);
t5=(TextView) findViewById(R.id.t55);
t6=(TextView) findViewById(R.id.t66);
t7=(TextView) findViewById(R.id.t77);
t8=(TextView) findViewById(R.id.t88);
t9=(TextView) findViewById(R.id.t99);
t10=(TextView) findViewById(R.id.t101);
clientname=(TextView) findViewById(R.id.clientname);
Intent i=getIntent();
name=i.getStringExtra("firstName");//+" "+i.getStringExtra("lastName");
email=i.getStringExtra("email");
contact=i.getStringExtra("mobileNo");
date=i.getStringExtra("transDate");
status=i.getStringExtra("spRespStatus");
mode=i.getStringExtra("payMode");
id=i.getStringExtra("SabPaisaTxId");
amount=i.getStringExtra("amount") + " Rs.";
orgTxnAmount=i.getStringExtra("orgTxnAmount");
t1.setText(date);
if(orgTxnAmount.equals("null")) {
    t3.setText(" ");
}
else {
    t3.setText(orgTxnAmount);
}
t4.setText(mode);

t5.setText(name);
t8.setText(contact);
t10.setText(status);
t7.setText(email);
t6.setText(id);

Log.d("nameaa", "" + name);
Log.d("nameaa", "" + id);
Log.d("nameaa", "" + date);
Log.d("nameaa", "" + email);
Log.d("nameaa", "" + contact);
Log.d("mooded", "" + mode);
Log.d("nameaa", "" + amount);
Log.d("nameaa", "" + orgTxnAmount);
Log.d("nameaa", "" +status );
}
}

```

Please get the payment status from the Codes

```

SUCCESS ("0000"),
INITIATED ("0100"),
ABORTED ("0200"),
FAILED ("0300"),
CHALLAN_GENERATED("0400"),
CHALLAN_ENQUIRED("0500"),
REFUND_INITIATED("0600") ,
REFUNDED("0700");

```

6. Manifest

```
<uses-permission android:name="android.permission.INTERNET"/>
<application
    android:allowBackup="true"
    android:icon="@mipmap/ic_launcher"
    android:label="@string/app_name"
    android:roundIcon="@mipmap/ic_launcher_round"
    android:supportsRtl="true"
    android:theme="@style/AppTheme">
    <activity android:name=".MainActivity" android:screenOrientation="portrait"
android:configChanges="orientation|keyboardHidden">
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
    <activity android:name=".ShowTransactionSummary"
android:screenOrientation="portrait" android:configChanges="orientation|keyboardHidden"/
>
    </application>
</manifest>
```