Integrating with the G6 Offers Android SDK

SDK Setup

Download

To install the G6Pay SDK, first download the latest G6SDK package. After unzipping the download archive, you will see the following directories:

```
G6SDK/src/
G6SDK/samplesrc/
G6SDK/doc/
```

The src directory contains the Java source files that need to be copied into your application. The contents of this directory should be copied into the src/ directory of your Android application.

The doc directory contains Javadocs with detailed information on usage.

Application Setup

After copying the contents of G6SDK/src to your src/ directory, you'll need to update your AndroidManifest.xml file.

Under the <manifest> tag, you'll need to add:

```xml
<uses-permission android:name="android.permission.READ_PHONE_STATE" />
<uses-permission android:name="android.permission.INTERNET"/>
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE"/>
```

Notes:

- READ_PHONE_STATE – Required to read the UDID of the Android device
- INTERNET – Required to access G6 servers
- ACCESS_NETWORK_STATE – Required to access G6 servers

Under the <application> tag, you'll need to add:

```xml
<activity android:name="com.g6pay.sdk.OffersWebView"
          android:configChanges="keyboardHidden|orientation" />
<meta-data android:name="G6_APP_ID" android:value="YOUR_APP_ID_HERE"/>
<meta-data android:name="G6_SECRET_KEY"
           android:value="YOUR_SECRET_KEY_HERE"/>
```

Notes:

- activity com.g6pay.sdk.OffersWebView – Required to show offer wall
- G6_APP_ID – This should be replaced with the value of the APP_ID as specified on your G6 account page
- G6_SECRET_KEY – This should be replaced with the value of the SECRET_KEY as specified on your G6 account page

Dashboard: My Apps: G6 SDK edit

App details	Analytics	Code integration

App details

App ID   **329**

Platform   **iPhone**

Currency name   **gsixes**

Exchange rate   **5.00**

Secret key   **7594d9e⬛⬛⬛⬛⬛.26202589** (required for signing any API call)

Total revenue   **$0.00**

Monetization methods: ⬇ **Installs**
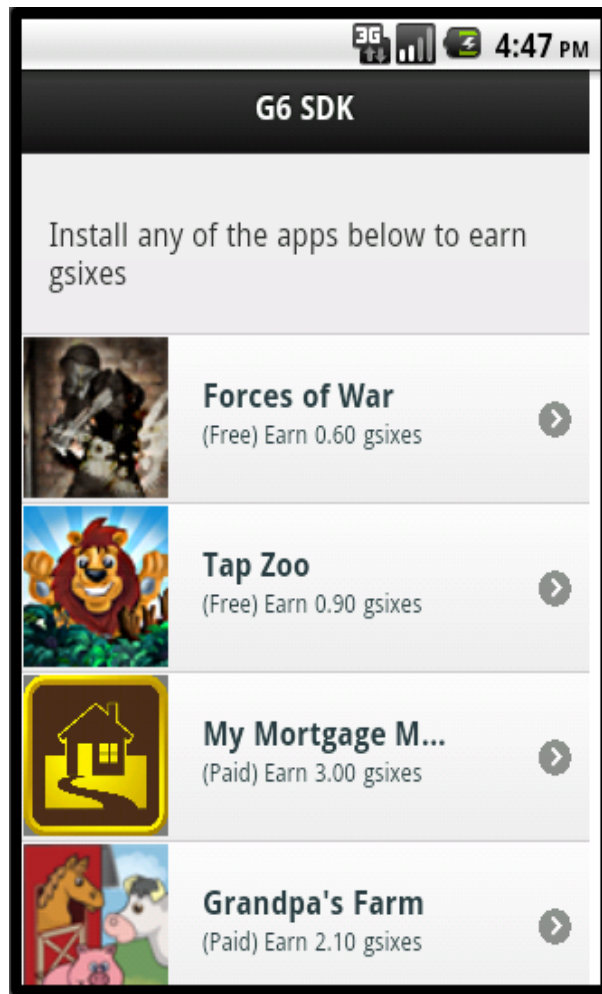
If more help is required, please refer to G6SDK/samplesrc/AndroidManifest.xml for a sample.

SDK Usage

Showing the Offer Wall

Showing the offer wall is made available easily with a single call. If you would like to be notified of offer completion, implement the G6OfferListener interface to receive a callback upon offer completion.

```
G6Pay sdk = G6Pay.getG6PayInstance(this.getApplicationContext());

G6OfferListener listener = new G6OfferListener() {
    public void offerWasCompleted(OfferDTO offer) {
        // This is a method you implement
        handleOfferCompletion(offer);
    }
};

sdk.showOffers(this.getApplicationContext(), "UNIQUEUSERID", listener);
```

Crediting User

```java
G6Pay sdk = G6Pay.getG6PayInstance(this.getApplicationContext());

G6UserAccountListener listener = new G6UserAccountListener() {
    public void creditUserSuccess(String userId, String transactionId,
float amount) {
        // This is a method you implement
        handleUserCredited(amount);
    }
    public void creditUserFailure(String userId, String transactionId,
float amount) {
        // This is a method you implement
        callFailed();
    }
};

sdk.creditUser("TRANSACTIONID", "UNIQUEUSERID", amount,
        listener);
```

Debiting User

```java
G6Pay sdk = G6Pay.getG6PayInstance(this.getApplicationContext());

G6UserAccountListener listener = new G6UserAccountListener() {
    public void debitUserSuccess(String userId, String transactionId, float
amount) {
        // This is a method you implement
        handleUserDebited(amount);
    }
    public void debitUserFailure(String userId, String transactionId, float
amount) {
        // This is a method you implement
        callFailed();
    }
};

sdk.creditUser("TRANSACTIONID", "UNIQUEUSERID", amount,
        listener);
```

Getting User Balance

```java
G6Pay sdk = G6Pay.getG6PayInstance(this.getApplicationContext());

G6UserAccountListener listener = new G6UserAccountListener() {
    public void getUserBalanceSuccess(String userId, float balance) {
        // This is a method you implement
        handleUserBalance(balance);
    }
    public void getUserBalanceFail(String userId) {
        // This is a method you implement
        callFailed();
    }
};

sdk.getUserBalance("UNIQUEUSERID", listener);
```

Getting User Transactions

```java
G6Pay sdk = G6Pay.getG6PayInstance(this.getApplicationContext());

G6TransactionListener listener = new G6TransactionListener() {
    public void getAllTransactionsSuccess(String userId,
ArrayList<TransactionDTO> transactions) {
        // This is a method you implement
        handleUserTransactions(transcations);
    }

    public void getAllTransactionsFail(String userId) {
        // This is a method you implement
        callFailed();
    }
};

sdk.getAllTransactions("UNIQUEUSERID", listener);
```