MobiKwik PG(Zaakpay) ANDROID SDK

This document is intended to help understand the integration process of your Android App with Zaakpay's Android Checkout SDK.

1. INSTALLING THE SDK

To add Zaakpay's Checkout SDK to your app, add the following dependency

Step 1: Add the JitPack repository to your build file

```
allprojects {
repositories {
  maven {
        url "https://jitpack.io"
        credentials { username authToken }
        }
}
```

Step 2: Add the Class

```
PaymentCheckout paymentCheckout = new PaymentCheckout(this);
paymentCheckout.startPayment(transactionData);
```

Step 3: Add the dependency

```
dependencies {
        implementation 'com.github.Mobikwik:Android-SDK:3.11
        }
```

Step 4: Add the token to $HOME/.gradle/gradle.properties

```
authToken=jp_nvgg9iebmirqko7uo25n0ssc9b
```

Rebuild the gradle and start using the sdk.

2. INITIATING PAYMENTS

Create instance of TransactionDataBuilder (Mandatory)

```
TransactionData transactionData = new TransactionDataBuilder()
              .withAmount(bigIntegerAmount)
              .withChecksum(checksumTransact)
              .withChecksumPO(checksumPO)
              .withOrderId(binding.editTextOrderid.getText().toString())
              .withUserEmail(binding.editTextEmail.getText().toString())
              .withReturnUrl(binding.editTextReturnUrl.getText().toString())
              .withMerchantIconUrl(binding.editTextMerchantIcon.getText().toString())
              .withMerchantName(binding.editTextMerchantName.getText().toString())
              .withMerchantId(binding.editTextMerchantId.getText().toString())
              .withUserPhoneNumber(binding.editTextPhone.getText().toString())
              .withEnvironment(Enums.Environment.STAGING);
```

3. Callback Methods

Implement interface PaymentCheckout.ZaakPayPaymentListener and use following callback methods:

```
@Override
public void onPaymentFailure(String responseCode, String responseDescription)
 {
     String sb = ("\nStatuscode : " + responseCode) + "\nStatusmessage : " +
     responseDescription;
      showAlertDialog(sb);
}
@Override
public void onPaymentSuccess(TransactionResponse response) {
        String sb = ("\nStatuscode : " + response.getResponseCode()) +
        "\nStatusmessage : " + response.getResponseDescription();
        showAlertDialog(sb);
        }
}
```

For android callback to App, try converting response in json and write response into the body in your return url page, this will redirect control to the app.
You can use following code in return url page:

```
String jsonResponse = toJSON("objectContainingallresponsefile");
response.getWriter().write(jsonResponse);

public static String toJSON(Object obj) {
        Gson gson = new GsonBuilder().disableHtmlEscaping().create();
        String json = gson.toJson(obj);
        return json;
}
```

Following sample response should be returned in response of return url. You will get the values of these parameters in the request parameters of return url hit.

Sample Response:

```
{
  "orderId": "Test_OrderId",
  "responseCode": "100",
  "responseDescription": "Transaction is successful",
  "checksum": "checksum string",
  "amount": "123",
  "doRedirect": "true/false",
  "paymentMode": "Netbanking",
  "cardId": "card id",
  "cardScheme": "Debit",
  "cardToken": "card token",
  "bank": "HDFC",
  "bankid": "HDF",
  "paymentMethod": "NB",
  "cardhashid": "card hash id",
  "productDescription": "",
  "product1Description": "",
  "product2Description": "",
  "product3Description": "",
  "product4Description": "",
  "pgTransId": "ZP123456789",
  "pgTransTime": "2019-07-11 12:12:12"
}
```

Response Table

Parameters	Description
orderId	Order Id as per the request
responseCode	Responses Codes
responseDescription	Response Description
checksum	Checksum calculated by MobiKwik Payment Gateway on all above response parameters
amount	amount Txn amount in paisa, Integer
doRedirect	True or False
paymentMode	Mode of Payment eg. "card"
cardId	Unique number generated for card (to fetch the stored card)

cardScheme	Main Issuer e.g. Visa
cardToken	First four and last four digits of card number
bank	Bank Name
bankid	for Net Banking, ID of selected bank
paymentMethod	It is alphanumeric value with max length 6. First letter is C or N, followed by 5 digits max.
cardhashId	Unique number generated for card (same for all devices)
productDescription	As Received with the Request
product1Description	As Received with the Request
product2Description	As Received with the Request
product3Description	As Received with the Request

product4Description	As Received with the Request
pgTransId	Txn ID
pgTransTime	Txn Date & Time