

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 dependency

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

Step 3: Add the token to \$HOME/.gradle/gradle.properties

```
authToken=jp_nvvg9iebmirqko7uo25n0ssc9b
```

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 |