Sample App Guide for Testing PhP SDK
(Sample App Framework: Laravel)

Within this document, the step-by-step process elucidates running the Sample App to evaluate the functionality of the PhP SDK

By Pinelabs Team

Prerequisites

Before installing the PHP library, make sure you meet the following prerequisites:
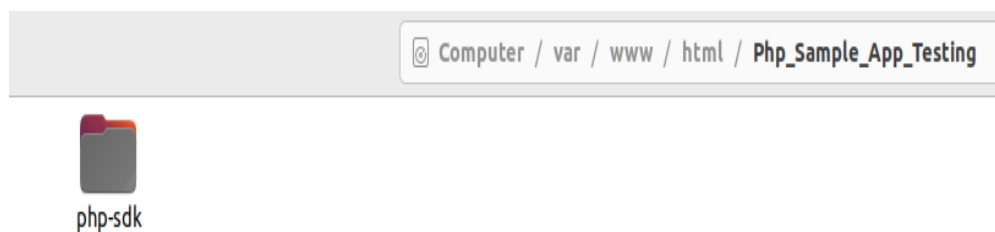
-                          PHP version 7.4 or higher, up to 8.1
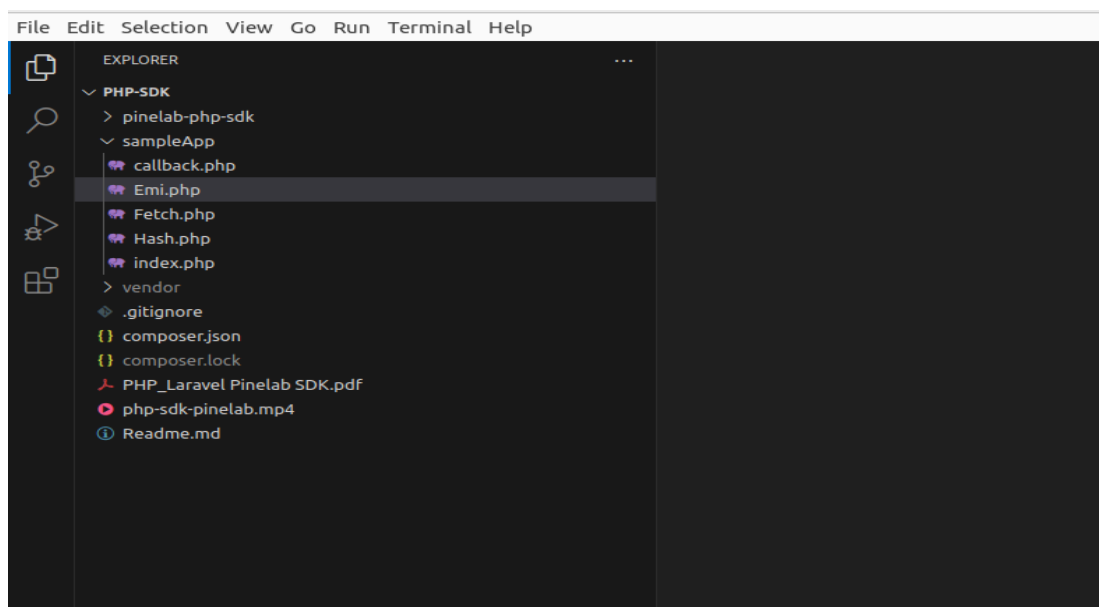
Installation Process

This section explains the installation flow of the Sample App

Below are the steps to extract the Sample App onto your local System and Enabling it for browser.

1. Extract the Sample App (Zip File), Here we have extracted it at var/www/html path inside PhP_Sample_App_Testing Folder (As shown below in image)

2. So it'll look something like this in your IDE, it'll consist of sampleApp folder with sdk folder named pinelab-php-sdk.

3. Now you need to do compoer i and then you need to navigate to path sampleApp and start php's own server using command php -S localhost:8080, now you can go on to browser and navigate to url.

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

mcsam2024@mcsam:/var/www/html/Php_Sample_App_Testing/php-sdk/sampleApp$ php -S localhost:8080
[Wed Dec 13 12:39:26 2023] PHP 8.1.2-1ubuntu2.14 Development Server (http://localhost:8080) started
```

Usage Process

This section explains the usage flow of Sample App

Create Order Process

In order for us to create an order and generate a URL for payment we need to locate to url http://localhost:8080 (Below shows the image of how Create order page will look like on browser)

Test Form

Check Fetch and EMI API Response
Fetch Order | Fetch EMI | Hash Verification

Merchant ID
```
106598
```

Access Code
```
4a39a6d4-46b7-474d-929d-21bf0e9ed607
```

Secret
```
55E0F73224EC458A8EC0B68F7B47ACAE
```

Gateway Mode
```
Sandbox
```

Transacrtion ID
```
65795878da4a0
```

Amount (In Paisa)
```
4000000
```

Callback URL
```
http://localhost:8080/index.phpcallback.php
```

Product Details
```
[{"product_code":"testSKU1","product_amount":"2000000"},{"product_code":"testSKU2","product_amount":"2000000"}]
```

Payment Mode
Select Payment Mode ▾

∨ **Customer Details**

∨ **Billing Address**

∨ **Shipping Address**

∨ **Additional Fields**

Pay Now

STEPS TO FOLLOW

1. Merchant Id, Access Code, Secret Key, Gateway Mode (Testing/Prod), Transaction Id, Amount in Paisa(Total amount of Products), Callback Url & Payment mode are all required fields and some of them have been pre filled with Test keys which you can change according to your requirements.
2. Product Details is Conditional (Meaning, Required in case of EMI payment mode)
3. Customer Details, Billing Address, Shipping Address and Additional Fields are Optional fields so aren't necessary for this process.
4. You need to keep Transaction Id unique every time while creating order else due to duplicate Id error you won't be redirected to anywhere.
5. If you add another product or subtract from existing products in Product Details then you need to make sure sum of total products amount is to be equal to Amount in Paisa as well if not change amount in Paisa according to total of Products in Product list, for test we have added 4000000 in amount in Paisa which equals to total amount of products in Product details you can change according to your needs.

6. After clicking on Pay Now you'll be redirected to Pinelabs Payment link page and you can select any payment mode like for testing Netbanking can be selected and after clicking on pay now you can generate success or Failure response.

7. After that you'll be redirected to url provided in Callback Url field in HTML form which is part of this sample App and you'll get response something like shown in below image.

```
{
    "merchant_id": "106598",
    "merchant_access_code": "4a39a6d4-46b7-474d-929d-21bf0e9ed607",
    "unique_merchant_txn_id": "657959be2b24e",
    "pine_pg_txn_status": "4",
    "txn_completion_date_time": "13\/12\/2023 12:44:19 PM",
    "amount_in_paisa": "4000000",
    "txn_response_code": "1",
    "txn_response_msg": "SUCCESS",
    "acquirer_name": "BILLDESK",
    "pine_pg_transaction_id": "14277190",
    "captured_amount_in_paisa": "4000000",
    "refund_amount_in_paisa": "0",
    "payment_mode": "3",
    "mobile_no": "",
    "udf_field_1": "",
    "udf_field_2": "",
    "udf_field_3": "",
    "udf_field_4": "",
    "Acquirer_Response_Code": "0300",
    "Acquirer_Response_Message": "DEFAULT",
    "parent_txn_status": "",
    "parent_txn_response_code": "",
    "parent_txn_response_message": "",
    "dia_secret": "BDE3D2B2A1DE17018C39F8FE0CF49D026515D30347169D82BEF331B253F8B953",
    "dia_secret_type": "SHA256"
}
```

Fetch Order Process

In order for us to fetch order details we need to click on link Fetch Order Details in create order page or we can navigate to it directly by using path (http://localhost:8080/Fetch.php)

Fetch Order Form

Home | Fetch EMI | Hash Verification

Merchant ID

106598

Access Code

4a39a6d4-46b7-474d-929d-21bf0e9ed607

Secret

55E0F73224EC458A8EC0B68F7B47ACAE

Gateway Mode

Sandbox

Order Id

Order Id

Fetch Order Details

STEPS TO FOLLOW

1. Merchant Id, Access Code, Secret Key, Gateway Mode (Testing/Prod), Transaction Id are required fields and some of them have been pre filled with Test keys that you can change according to your requirement.
2. You need enter Transaction Id of which you previously created Payment or if having txn id for testing purpose you can enter that as well.
3. Now you need to click on fetch order and it'll give you response something like shown in below image

Fetch Order Form

Merchant ID	Access Code
106598	4a39a6d4-46b7-474d-929d-21bf0e9ed607

Secret	Gateway Mode	Order Id
55E0F73224EC458A8EC0B68F7B47ACAE	Sandbox	657959be2b24e

Fetch Order Details

```
{
    "ppc_MerchantID": "106598",
    "ppc_MerchantAccessCode": "4a39a6d4-46b7-474d-929d-21bf0e9ed607",
    "ppc_PinePGTxnStatus": "7",
    "ppc_TransactionCompletionDateTime": "13\/12\/2023 12:44:19 PM",
    "ppc_UniqueMerchantTxnID": "657959be2b24e",
    "ppc_Amount": "4000000",
    "ppc_TxnResponseCode": "1",
    "ppc_TxnResponseMessage": "SUCCESS",
    "ppc_PinePGTransactionID": "14277190",
    "ppc_CapturedAmount": "4000000",
    "ppc_RefundedAmount": "0",
    "ppc_AcquirerName": "BILLDESK",
    "ppc_DIA_SECRET": "4AB9E4039FB9A119D05D4A7F4A6FA58F6F717ED8B633F7F8EB9B567801DD1067",
    "ppc_DIA_SECRET_TYPE": "SHA256",
    "ppc_PaymentMode": "3",
    "ppc_Parent_TxnStatus": "4",
    "ppc_ParentTxnResponseCode": "1",
    "ppc_ParentTxnResponseMessage": "SUCCESS",
    "ppc_CustomerMobile": "",
    "ppc_UdfField1": "",
    "ppc_UdfField2": "",
    "ppc_UdfField3": "",
    "ppc_UdfField4": "",
    "ppc_AcquirerResponseCode": "0300",
    "ppc_AcquirerResponseMessage": "DEFAULT"
}
```

EMI Details Process

In order for us to calculate Emi we need to click on Emi Calculation or navigate to this path (http://localhost:8080/Emi.php).

EMI Form

Merchant ID	Access Code
106598	4a39a6d4-46b7-474d-929d-21bf0e9ed607

Secret	Gateway Mode	Amount (In Paisa)
55E0F73224EC458A8EC0B68F7B47ACAE	Sandbox	4000000

Product Details

[{"product_code":"testSKU1","product_amount":"2000000"},{"product_code":"testSKU2","product_amount":"2000000"}]

Fetch EMI Options

STEPS TO FOLLOW

1. Merchant Id, Access Code, Secret Key, Gateway Mode (Testing/Prod), Amount in Paisa, Product Details are required fields and they have been pre filled with Test keys you can change according to your requirement.
2. If you add another product or subtract from existing products in Product Details then you need to make sure sum of total products amount is to be equal to Amount in Paisa as well if not change amount in Paisa according to total of Products in Product list, for test we have added 4000000 in amount in Paisa which equals to total amount of products in Product details you can change according to your needs.
3. After clicking on Calculate EMI button you'll be able to see response as shown in below image.

<div style="background-color:blue; color:white; text-align:center;">Fetch EMI Options</div>

```json
{
    "issuer": [
        {
            "list_emi_tenure": [
                {
                    "offer_scheme": {
                        "product_details": [
                            {
                                "schemes": [
                                    {
                                        "scheme_id": 48150,
                                        "program_type": 112,
                                        "is_scheme_valid": true
                                    }
                                ],
                                "product_code": "testSKU1",
                                "product_amount": 2000000,
                                "subvention_cashback_discount": 48733,
                                "product_discount": 10000,
                                "subvention_cashback_discount_percentage": 24500,
                                "product_discount_percentage": 0,
                                "subvention_type": 1,
                                "additional_cashback": "5% upto 300",
                                "bank_interest_rate_percentage": 150000,
                                "bank_interest_rate": 48733
                            },
                            {
                                "schemes": [
                                    {
                                        "scheme_id": 48150,
                                        "program_type": 112,
                                        "is_scheme_valid": true
                                    }
                                ],
                                "product_code": "testSKU2",
```

Hash Verification Process

In order for us to verify hash we need to click on Hash Verification link or navigate to this path (http://localhost:8080/Hash.php)

Hash Verification Form

Home | Fetch Order | Fetch EMI

Merchant ID	Access Code
106598	4a39a6d4-46b7-474d-929d-21bf0e9ed607

Secret	Gateway Mode
55E0F73224EC458A8EC0B68F7B47ACAE	Sandbox

Response Data

[   ]

Hash Verify

1. Merchant Id, Access Code, Secret Key, Gateway Mode (Testing/Prod), Response Data are required fields and some of them have been pre filled with Test keys you can change according to your requirement.
2. You need to paste response data that you got while creating order or while fetching details of order in Response Data as shown below. You'll be able to see response in that page itself

Secret	Gateway Mode
55E0F73224EC458A8EC0B68F7B47ACAE	Sandbox

Response Data

```
ppc_AcquirerResponseCode": "0300",
"ppc_AcquirerResponseMessage": "DEFAULT"
}
```

Hash Verify

Hash Varification Success

TDR/GST Information:

Please note no additional charges like TDR, GST, etc are handled in our Plugins and the same needs to be manually handled at the merchant end.

TLS 1.2 information:
Java 8 and above provide TLS 1.2 support.
Note: The exact version might depend on the specific Java vendor (Oracle, OpenJDK, etc.).