

# Payment API v2.1

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#### 1 Overview

This document explains how to integrate the Pine Labs edge payment gateway in redirect or seamless mode.

#### 1.1 Related Documentation

This guide should be used together with the additional documents as described below.

| Document         | Description                               |  |
|------------------|---|--|
| HashGeneration   | Describes about hash generation algorithm |  |
| ResponseCodeList | Listing of transaction response codes     |  |

## 2 Implementation Details

Below apis need to be integrated.

## 2.1 Accept Payment

It initiates the transaction. Merchant has to pass unique merchant txn reference number, amount and other parameters.

## 2.1.1 Request

#### 2.1.1.1 Content Type & URL's

| Content Type | application/json |
|--------------|------------------|
|              |                  |

| UAT        | https://uat.pinepg.in/api/v2/accept/payment |
|------------|---|
| Production | https://pinepg.in/api/v2/accept/payment     |

#### 2.1.1.2 Request Headers



## **HEADERS:**

| Header name  | Header value                     |
|--------------|----------------------------------|
| Content-Type | application/json                 |
| X-VERIFY     | SHA256of (Base64 request encoded |
|              | payload)                         |

## 2.1.1.3 *Body Param*

| Parameter Name | Туре   | Description   | Mandatory(M)/Optional |
|----------------|--------|---|-----------------------|
| merchant_data  | Object | It contains merchant data   | M                     |
| payment_data   | Object | It contains payment related data  | M                     |
| txn_data       | Object | It contains transaction related data  | M                     |
| customer_data  | Object | It contains information about customer data.  Merchants who are on aggregator model must pass this data | 0                     |
| udf_data       | Object | It contains user defined fields. Merchant can pass it transaction specific data in these fields         | O                     |

## $merchant\_data$

| Parameter Name         | Туре   | Description   |                                   |
|------------------------|--------|---|-----------------------------------|
|                        |        |   | Mandatory(M)/Optional/Conditional |
| merchant_id            | int    | Merchant id provided by pine labs   | М                                 |
| merchant_access_code   | string | Merchant access code provided by pine labs                                    | M                                 |
| unique_merchant_txn_id | string | Unique<br>transaction id<br>maintained by<br>merchant for<br>each transaction | M                                 |

|                     |        | Merchant returnurl | M |
|---------------------|--------|--------------------|---|
| merchant_return_url | string | on which browser   |   |
|                     | _      | responsewill be    |   |
|                     |        | sent.              |   |
|                     |        |                    |   |
|                     |        |                    |   |

## payment\_data

| Parameter Name  | Туре | Description                 |                       |
|-----------------|------|-----------------------------|-----------------------|
|                 |      |                             | Mandatory(M)/Optional |
| amount_in_paisa | long | Transaction amount in paise | M                     |

## txn\_data

| Parameter Name   | Туре    | Description   |                       |
|------------------|---------|---|-----------------------|
|                  |         |   | Mandatory(M)/Optional |
| navigation_mode  | int     | Navigation mode 2 for Redirect 7 for Seamless   | M                     |
| payment_mode     | String  | It will contain csv of valid payment mode Ids. In case of seamless mode only single payment mode to be specified. | M                     |
| transaction_type | Integer | 1 for 'Purchase',   | M                     |
| time_stamp       | Long    | Unix timestamp  | 0                     |

## customer\_data

| Parameter Name | Туре   | Description         |                       |
|----------------|--------|---------------------|-----------------------|
|                |        |                     | Mandatory(M)/Optional |
| email_id       | string | Customer email id   | O                     |
| first_name     | string | Customer first name | 0                     |

| last_name     | string                       | Customer last name | О |
|---------------|------------------------------|--------------------|---|
| customer_id   | stomer_id string Customer id |                    | O |
|               |                              | maintained at      |   |
|               |                              | merchant end       |   |
| mobile_no     | string                       | 10 digit mobile    | О |
|               |                              | number             |   |
| billing_data  | Object                       | Customer billing   | О |
|               |                              | address details    |   |
| shipping_data | Object                       | Customer Shipping  | О |
|               |                              | address details    |   |

## udf\_data

| Parameter Name | Туре   | Description         |                       |
|----------------|--------|---------------------|-----------------------|
|                |        |                     | Mandatory(M)/Optional |
| udf_field_1    | string | User defined Fields | O                     |
| udf_field_2    | string | User defined Fields | O                     |
| udf_field_3    | string | User defined Fields | O                     |
| udf_field_4    | string | User defined Fields | O                     |
| udf_field_5    | string | User defined Fields | O                     |

## billing\_data

| Parameter Name | Туре   | Description  |                       |
|----------------|--------|--------------|-----------------------|
|                |        |              | Mandatory(M)/Optional |
| address1       | string | Address 1    | 0                     |
| address2       | string | Address 2    | O                     |
| address3       | string | Address 3    | О                     |
| pincode        | string | Pin code     | O                     |
| city           | string | City name    | О                     |
| state          | string | State name   | O                     |
| country        | string | Country name | О                     |

## $shipping\_data$

| Parameter Name | Туре   | Description           |                       |
|----------------|--------|-----------------------|-----------------------|
|                |        |                       | Mandatory(M)/Optional |
| first_name     | String | First name entered in | O                     |
|                |        | shipping address      |                       |
| last_name      | String | Last name entered in  | O                     |
|                |        | shipping address      |                       |

| mobile_no | string | Mobile number entered | O |
|-----------|--------|-----------------------|---|
|           |        | in shipping address   |   |
| address1  | string | Address 1             | O |
| address2  | string | Address 2             | O |
| address3  | string | Address 3             | O |
| pincode   | string | Pin code              | O |
| city      | string | City name             | O |
| state     | string | State name            | O |
| country   | string | Country name          | 0 |

#### 2.1.1.4 Sample Request

#### Json Payload

```
"merchant_data": { "merchant_id":
 3473.
 "merchant_access_code": "57e39383-b053-4db9-a708-26d8971886e7", "unique_merchant_txn_id":
 "testorder786",
 "merchant_return_url": "http://localhost:53132/ChargingResp.aspx"
"payment_data": { "amount_in_paisa":
 1100000
"txn_data": {
 "navigation_mode": "7",
 "payment_mode": "4",
 "transaction_type": "1",
 "time_stamp": 157588000000
    BASE 64 encoded request
         "request": "
ewoJIm11cmNoYW50X2RhdGEiOiB7CgkJIm11cmNoYW50X21kIjogMzQ3MyWKCQkibWVyY2hhbnRfYWNjZXNZX2NvZ
GUiOiAiNTdlMzkzODMtYjA1My00ZGISLWE3MDgtMjZkODk3MTg4NmU3IiwKCQkidW5pcXVlX21lcmNoYw50X3R4bl
9pzCI6ICJ0zxN0b3JkzXI30DYiLAoJCSJtzXJjaGFudF9yzXR1cm5fdXJsIjogImh0dHA6Ly9sb2NhbGhvc3Q6NTM
xMzIvQ2hhcmdpbmdSZXNwLmFzcHgiCg19LAoJInBheW11bnRfZGF0YSI6IHsKCQkiYW1vdw50X21uX3BhaXNhIjog
MTEWMDAwMAoJfSwKCSJ0eG5fZGF0YSI6IHsKCQkibmF2awdhdGlvbl9tb2RlIjogIjIiLAoJCSJwYXltZw50X21vZ
GUiOiAiMSIsCgkJInRyYW5zYWN0aW9uX3R5cGUiOiAiMSIsCgkJInRpbWVfc3RhbXAiOiAxNTc10DgwMDAWMDAKCX
0KfQ=="
    }
```

#### 2.1.2 Response

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#### **2.1.2.1** *Params*

| Parameter Name   | Туре   | Description  |
|------------------|--------|--|
| response_code    | int    | It notifies the result of api<br>processing. Value 1 denotes<br>success.                                     |
| response_message | string | It denotes the message corresponding to above code   |
| token            | string | It is the token created for a transaction. You need to pass it in the subsequent calls.                      |
| redirect_url     | String | Redirect url on which customer needs to be redirected. This parameter will be present only in redirect mode. |

#### 2.1.2.2 Sample Response

#### Redirect mode

```
{
    "token": "ubrjAgbVaJVrGz67y%2fZCjCveYWNymE7ULAlOO7FCbz4%3d","response_code": 1,
    "response_message": SUCCESS",
    "redirect_url":
    "http://hostname:port/api/v2/process/payment?token=ubrjAgbVaJVrGz67y%2fZCjCveYWNymE7ULAlOO7FCbz4% 3d "
}
```

In redirect mode, api will return a url on which customer needs to be redirected. Pine Labs payment page will open after redirection.

#### Seamless mode

```
{
  "token": "ubrjAgbVaJVrGz67y%2fZCjCveYWNymE7ULAlOO7FCbz4%3d",
  "response_code": 1,
  "response_message": "SUCCESS"
}
```

In seamless mode, api will not have a redirect url and subsequent process payment api needs to be called.

#### Failure response

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```
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{
  "response_code": -1,
  "response_message": "FAILURE",
}
```

## 2.2 Process Payment

Payment data against transaction will be passed in this call. This api will be called in seamless mode.

Token received in previous call needs to be part of this call.

api/v2/process/payment?token= ubrjAgbVaJVrGz67y%2fZCjCveYWNymE7ULAlOO7FCbz4%3d "

#### 2.2.1 Request

| Content Type | application/json  |
|--------------|---|
|              |   |
| UAT          | https://uat.pinepg.in/api/v2/process/payment?token=BJ5Dj5o<br>5dh6jZaWCTAv%2fnwJj0h%2f3Eiq2HgY14%2fMOP7k%3d |
| Production   | https://pinepg.in/api/v2/process/payment?token=BJ5Dj5o5dh<br>6jZaWCTAv%2fnwJj0h%2f3Eiq2HgY14%2fMOP7k%3d     |

#### 2.2.1.1 Body Params

| Parameter Name | Type | Description | Mandatory/Optional/Cond |
|----------------|------|-------------|-------------------------|
|                |      |             | itional                 |

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| card_data       | Object | It contains card data. It is mandatory for cards and EMI transaction  | С |
|-----------------|--------|---|---|
| emi_data        | Object | It contains EMI data.  Mandatory for EMI transaction                  | С |
| netbanking_data | Object | It contains net banking codes.  Mandatory for net banking transaction | С |
| wallet_data     | Object | It contains wallet information.  Mandatory for wallet transaction     | С |
| upi_data        | Object | It contains UPI information.  Mandatory for UPI transaction           | С |
| additional_data | Object | Reserved for Future Use   | С |

## $card\_data$

| Parameter Name    | Туре   | Description                         | Mandatory/Optional/Con ditional |
|-------------------|--------|-------------------------------------|---------------------------------|
| card_number       | String | Card number                         | M                               |
| card_expiry_year  | String | Card expiry year having format YYYY | M                               |
| card_expiry_month | String | Card expiry month having format MM  | M                               |
| card_holder_name  | String | Card holder name                    | M                               |
| cvv               | String | Card CVV                            | M                               |

## netbanking\_data

| Parameter Name | Type   | Description       | Mandatory/Optional/Conditional |
|----------------|--------|-------------------|--------------------------------|
| pay_code       | String | Net banking Codes | M                              |

## $wallet\_data$

| Parameter Name | Type   | Description  | Mandatory/Optional/Conditional |
|----------------|--------|--------------|--------------------------------|
| wallet_code    | String | Wallet codes | M                              |

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| mobile_number | String | Mobile number          | С |
|---------------|--------|------------------------|---|
|               |        | associated with wallet |   |

## upi\_data

| Parameter Name | Type   | Description   | Mandatory/Optional/Conditional |
|----------------|--------|---|--------------------------------|
| vpa            | String | Customer VPA. It is<br>Mandatory for UPI<br>Collect flow    | С                              |
| mobile_no      | String | Mobile number associated with Gpay                          | С                              |
| upi_option     | String | It will have values  • UPI • GPAY                           | M                              |
| txn_mode       | String | "INTENT". It is<br>Mandatory for UPI Intent<br>Payment flow | С                              |

## $additional\_data$

| Parameter Name | Туре   | Description            |
|----------------|--------|------------------------|
| mobile_number  | string | 10 digit mobile number |

## emi\_data

| Parameter Name                          | Type   | Description   |
|---|--------|---|
| offer_scheme                            | Object | It contains information about offer applicable on each product                              |
| tenure_id                               | Int    | Tenure Id specified at pine labs end  |
| tenure_in_month                         | String | Tenure name specified at pine labs end  |
| monthly_installment                     | Long   | Emi amount in paise   |
| bank_interest_rate                      | Long   | Interest rate for which bank emi is calculated. Its value is percentage multiplied by 10000 |
| interest_pay_to_bank                    | Long   | Interest pay to bank in paise   |
| total_offerred_discount_cashback_amount | Long   | Total sum of discount applicable on cart. It is in paise.                                   |
| loan_amount                             | Long   | Amount in paise on which loan will be booked  |
| auth_amount                             | Long   | Bank authorization amount in paise  |



## $offer\_scheme$

| Parameter Name  | Туре     | Description                        |
|-----------------|----------|------------------------------------|
|                 |          |                                    |
| product_details | Array of | It contains information about      |
|                 | objects  | product.                           |
| emi_scheme      | Object   | It contains information about bank |
|                 |          | EMI scheme.                        |

## product\_details

| Parameter Name                          | Туре             | Description   |
|---|------------------|---|
| product_code                            | String           | Product code  |
| product_amount                          | Long             | Product amount in paise   |
| subvention_cashback_discount            | Long             | Subvention discount cashback amount in paise. Only applicable when subvention is present. |
| product_discount                        | Long             | Product discount amount in paise. Only applicable if product discount is present          |
| subvention_cashback_discount_percentage | Long             | Subvention discount cashback percentage. Its value is percentage multiplied by 10000.     |
| product_discount_percentage             | Long             | Product discount cashback percentage. Its value is percentage multiplied by 10000.        |
| subvention_type                         | Int              | It tells offer type. 1-No cost EMI 2-Low cost EMI 3- Standard EMI                         |
| additional_cashback                     | String           | Additional cashback text  |
| bank_interest_rate                      | Long             | Amount in paise   |
| bank_interest_rate_percentage           | Long             | Percentage multiplied by 10000  |
| schemes                                 | Array of objects | It contains list of program applicable on product.  |

## emi\_scheme

| Parameter Name | Туре | Description                      |
|----------------|------|----------------------------------|
| scheme_id      | Long | It tells scheme id applicable on |
|                |      | product                          |



| program_type    | Int  | It tells scheme of which type. |
|-----------------|------|--------------------------------|
|                 |      | 105-Bank EMI                   |
|                 |      | 106-Brand EMI                  |
|                 |      | 108-Product discount           |
|                 |      | 112-Subvention discount        |
| is_scheme_valid | Bool | Is scheme is valid             |

#### **Schemes**

| Parameter Name  | Туре | Description                      |
|-----------------|------|----------------------------------|
| scheme_id       | Long | It tells scheme id applicable on |
|                 |      | product                          |
| program_type    | Int  | It tells scheme of which type.   |
|                 |      | 105-Bank EMI                     |
|                 |      | 106-Brand EMI                    |
|                 |      | 108-Product discount             |
|                 |      | 112-Subvention discount          |
| is_scheme_valid | Bool | Is scheme is valid               |

#### 2.2.1.2 Sample request

#### 2.2.1.2.1 EMI Sample Request

{"card\_data":{"card\_number":"4012001037141112","card\_expiry\_year":"2025","card\_expiry\_month":"09","card\_holder\_name":"harsh","cvv":"123"},"emi\_data":{"offer\_scheme":{"product\_details":[{"schemes":[{"scheme\_id":1682,"program\_t ype":112,"is\_scheme\_valid":true}],"product\_code":"SMG975FCWG","product\_amount":550000,"subvention\_cashback\_discount":60209,"product\_discount":0,"subvention\_cashback\_discount\_percentage":0,"product\_discount\_percentage":0,"s ubvention\_type":1},{"schemes":[],"product\_code":"40","product\_amount":550000,"subvention\_cashback\_discount":0,"product\_discount":0,"subvention\_cashback\_discount\_percentage":0,"product\_discount\_percentage":0}],"emi\_scheme":{"scheme\_id":1683,"program\_type":105,"is\_scheme\_valid":true}

}},"tenure\_id":"18","tenure\_in\_month":"18","monthly\_installment":64867,"bank\_interest\_rate":150000,"interest\_pay\_to\_bank":1 27815,"total\_offerred\_discount\_cashback\_amount":60209,"loan\_amount":1039791,"auth\_amount":1039791}}

#### 2.2.1.2.2 Card Sample Request

 $\label{lem:card_data} $$ \card_number': "4012001037141112", "card_expiry_year": "2030", "card_expiry_month": "12", "card_holder_name": "Test", "cvv": "123"} $$$ 

#### 2.2.1.2.3 Net banking Sample Request

{"netbanking\_data":{"pay\_code":"NB1493"}}

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```
2.2.1.2.4
          Wallet Sample Request
{"wallet_data":{"wallet_code":"payzapp","mobile_number":"9899189287"}}
2.2.1.2.5
          UPI/GPay Sample Request
     2.2.1.2.5.1
                 UPI Collect
    { "upi_data": { "vpa": "test@upi", "upi_option": "UPI " } }
     2.2.1.2.5.2
                 GPAY
     { "upi_data": { "mobile_no": "999999999", " upi_option": "GPAY" } }
     2.2.1.2.5.3
                  UPIIntent Sample Request
     {"upi_data": {"upi_option": "UPI","txn_mode": "INTENT"}}
2.2.1.2.6
          NBFC Sample Request
     2.2.1.2.6.1
                 BFL
{ "nbfc_data": { "vendor_name": "BFL", "bfl_data": { "scheme_code": "1234455", "card_number": "
2030400291114454", "tenure_in_months": 3, "is_terms_conditions_agreed":true } }
     2.2.1.2.6.2
                 Zest Money
{ "nbfc_data": { "vendor_name": "ZEST", "zestMoney_data": { "mobile_no": "9999999999" } } }
```

#### 2.2.2 Response

#### **2.2.2.1** Params

| Parameter Name | Туре | Description   |
|----------------|------|---|
| response_code  | int  | It notifies the result of api processing. Value 1 denotes |
|                |      | success.  |

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| response_message | string | It denotes the message              |
|------------------|--------|-------------------------------------|
|                  |        | corresponding to above code         |
| redirect_url     | String | Customer should be redirected to    |
|                  |        | below url.                          |
| api_url          | String | Api url on which you need to make   |
|                  |        | subsequent request                  |
| offer_scheme     | Object | It contains information about offer |
|                  |        | applicable on each product          |

## offer\_scheme

| Parameter Name  | Туре             | Description                                   |
|-----------------|------------------|---|
| product_details | Array of objects | It contains information aboutproduct.         |
| emi_scheme      | Object           | It contains information about bankEMI scheme. |

## product\_details

| Parameter Name                          | Туре             | Description   |
|---|------------------|---|
| product_code                            | String           | Product code  |
| product_amount                          | Long             | Product amount in paise   |
| subvention_cashback_discount            | Long             | Subvention discount cashback amount in paise. Only applicable when subvention is present. |
| product_discount                        | Long             | Product discount amount in paise. Only applicable if product discount is present          |
| subvention_cashback_discount_percentage | Long             | Subvention discount cashback percentage. Its value is percentage multiplied by 10000.     |
| product_discount_percentage             | Long             | Product discount cashback percentage. Its value is percentage multiplied by 10000.        |
| subvention_type                         | Int              | It tells offer type. 1-No cost EMI 2-Low cost EMI 3-Standard EMI                          |
| additional_cashback                     | String           | Additional cashback text  |
| schemes                                 | Array of objects | It contains list of programsapplicable on product.  |



## $emi\_scheme$

| Parameter Name  | Туре | Description                      |
|-----------------|------|----------------------------------|
| scheme_id       | Long | It tells scheme id applicable on |
|                 |      | product                          |
| program_type    | Int  | It tells scheme of which type.   |
|                 |      | 105-Bank EMI                     |
|                 |      | 106-Brand EMI                    |
|                 |      | 108-Product discount             |
|                 |      | 112-Subvention discount          |
| is_scheme_valid | Bool | Is scheme is valid               |

#### **Schemes**

| Parameter Name  | Туре            | Description   |
|-----------------|-----------------|---|
| scheme_id       | Long            | It tells scheme id applicable on product  |
| program_type    | Int             | It tells scheme of which type. 105-Bank EMI 106- Brand EMI 108-Product discount 112-Subvention discount |
| is_scheme_valid | Bool            | Is scheme is valid  |
| reasons         | Array of object | Description for failure of schemes  |

#### Reasons

| Parameter Name | Туре   | Description                                  |
|----------------|--------|--|
| reason_code    | int    | It denotes the reason code                   |
| reason_message | String | It denotes the reason message again the code |

#### 2.2.2.2 Sample Response

2.2.2.1 Successful response for Cards, EMI, Netbanking and Wallets for process payment api

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{ "response\_code": 1, "response\_message": "SUCCESS", "redirect\_url": "http://hostname:port/pinepg/v2/process/payment?token=848RFsu%2bRnNcSsaZdzEgkeosvCc2o5lK TV4uKJF%2fcjE%3d" }

Merchant application needs to redirect to url received in response.

2.2.2.2. Successful response for UPI collect for process payment api

```
{ "response_code": 1, "response_message": "SUCCESS", }
```

After receving successful response, customer will receive payment notification on his/her PSP app. Final response of the transaction will be posted as a S2S response on merchant's callback URL.

2.2.2.2.3 Successful response for UPI Intent for process payment api

```
{"pg_upi_unique_request_id":"291222PLKar19848","deep_link":"upi://pay?pa=setu10603530248383382 26@kaypay&pn=Ravi%20Maurya&am=4000.00&tr=1060353024838338226&tn=Payment%20for%2076 69284&cu=INR&mode=04","pine_pg_transaction_id":7669284,"short_link":"https://sandbox. bills.pe/ynaf4t6wc87e","response_code": 1,"response_message": "SUCCESS"}
```

deep\_link/ short\_link - Is the intent link to be used on android and IOS devices.

NOTE: In case of EMI transactions, OTP flow is applicable for HDFC Debit, Kotak Debit, FederalDebit Issuers.

## 2.2 Browser Redirect Response

#### 2.3.1 Form Post Response Payload

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| Key                  | Value   | Details   |
|----------------------|---------|---|
| merchant_id          | Integer | In response you can see the merchantid which you have sent as one of the parameter in Pine Labs payment gateway API request parameters. |
| merchant_access_code | String  | In response you can find the merchant access code which you have sent as one of the parameter.  |

| unique_merchant_txn_id   | String. Max<br>length 99 | In response you can find the merchant unique transaction Id which you have sent as one of the parameter. |
|--------------------------|--------------------------|--|
| pine_pg_txn_status       | Integer                  | Transaction status   |
| txn_completion_date_time | DateTime                 | The date-time of the transaction completion at Pine Labs payment gateway server.                         |
| amount_in_paisa          | Long                     | It is the amount for which payment transaction is being done.  |
| txn_response_code        | Integer                  | Represent the response of the API request and response code is returned based on the transaction result. |
| txn_response_msg         | String                   | Transaction response message   |
| acquirer_name            | String                   | Acquirer Bank  |
| pine_pg_transaction_id   | Long                     | Unique transaction id generated by Pine Labs   |

| payment_mode                               | Integer | Payment mode chosen at landing page.  |
|--|---------|---|
| dia_secret                                 | String  | Hash of response parameters. Please refer to HashGeneration document. Pine Labs payment gateway createsthe hash of the response parameters andsends this information in response in tag dia_secret Merchant should use this hash value returned in response to match with new secret generated at its sideusing other responseParameters. If these two secrets do not match then data is not authentic. |
| dia_secret_type                            | String  | 'SHA256' or 'MD5' and will<br>be the same which is<br>passed in<br>dia_secret_type<br>parameter of request  |
| is_bank_emi_txn                            | Bool    | Flag to indicate Bank EMI transaction   |
| is_brand_emi_txn                           | Bool    | Flag to indicate Brand EMI transaction  |
| emi_tenure_month                           | Integer | Tenure month of EMI transaction   |
| emi_principal_amount_in_p<br>aisa          | Long    | Principal EMI amount in Paise   |
| emi_amount_payable_each<br>_month_in_paisa | Long    | Monthly Installment   |
| emi_interest_rate_percent                  | Integer | Interest rate charged by bank multiplied by 10000   |

|  | 1       |   |
|--|---------|---|
| emi_cashback_type  | Integer | Its value will be 0, 1,2 and 3 0- Standard EMI 1- Pre cash back 2- Post cash back 3- Instant Cashback |
| emi_total_discount_cashabc<br>k_amount_in_paisa              | Long    | Total discount or cashback amount applicable in EMI transaction in paise                              |
| emi_total_discount_cashbac<br>k_percent                      | Integer | Total discount or cashback percent applicable in EMI transaction multiplied by 10000                  |
| emi_merchant_discount_ca<br>shabck_perecent                  | Integer | Merchant discount or cashback percent applicable in EMI tranasction multiplied by 10000               |
| emi_merchant_discount_ca<br>shback_fixed_amount_in_p<br>aisa | Long    | Merchant fixed discount or cashback amount applicable in EMI transaction in paise                     |
| emi_issuer_discount_casha<br>bck_perecent                    | Integer | Issuer discount or cashback percent applicable in EMI transaction multiplied by 10000                 |
| emi_issuer_discount_cashb<br>ack_fixed_amount_in_paisa       | Long    | Issuer fixed discount or cashback amount applicable in EMI transaction in paise                       |
| txn_additional_info  | String  | Base64 encoded string   |
| merchant_return_url  | String  | Merchant return url   |
| emi_processing_fee   | long    | Processing fee amount in paise.   |
| captured_amount_in_paisa                                     | long    | Captured amount for a transaction   |
| refund_amount_in_paisa                                       | long    | Refund amount for a transasction  |
| parent_txn_status  | Integer | Parent txn status   |
| parent_txn_response_code                                     | Integer | Parent txn response code  |
| parent_txn_response_mess age                                 | String  | Parent txn response message   |
| issuer_name  | String  | Issuing bank name .   |



## 3 Master codes

## 3.1.1 Net banking codes

Below codes are to be passed in process payment request for seamless integration

| PAYMENT_CODE | BANK NAME                                |
|--------------|--|
| NB1148       | Kotak Bank                               |
| NB1378       | Andhra Bank                              |
| NB1484       | Andhra Bank Corporate                    |
| NB1530       | Allahabad Bank                           |
| NB1529       | AU Small Finance Bank                    |
| NB1485       | Bank of Baroda - Corporate Banking       |
| NB1486       | Bank of Bahrain and Kuwait               |
| NB1487       | Bank of Baroda - Retail Banking          |
| NB1511       | Bassien Catholic Coop Bank               |
| NB1533       | Bandhan Bank - Corporate                 |
| NB1508       | Bandhan Bank                             |
| NB1229       | Bank of Maharashtra                      |
| NB1527       | Barclays Bank - Corporate Net Banking    |
| NB1147       | Central Bank                             |
| NB1224       | Canara Bank                              |
| NB1488       | Cosmos Bank                              |
| NB1489       | Punjab National Bank - Corporate Banking |
| NB1523       | Corporation Bank - Corporate             |
| NB1135       | Corporation Bank                         |
| NB1272       | Catholic Syrian Bank                     |
| NB1215       | City Union Bank                          |
| NB1490       | Deutsche Bank                            |
| NB1509       | Digibank by DBS                          |
| NB1491       | Development Credit Bank                  |
| NB1492       | Dena Bank                                |
| NB1526       | Dhanlaxmi Bank Corporate                 |
| NB1373       | Dhanalakshmi Bank                        |
| NB1515       | Equitas Small Finance Bank               |
| NB1518       | ESAF Small Finance Bank                  |
| NB1029       | Federal Bank                             |
| NB1532       | Fincare Bank - Retail                    |
| NB1007       | HDFC Bank                                |
| NB1016       | ICICI Bank                               |
| NB1493       | IDBI Bank                                |
| NB1521       | IDBI Corporate                           |

| NB1510 | IDFC FIRST Bank                          |
|--------|--|
| NB1431 | Industrid Bank                           |
| NB1143 | Indian Bank                              |
| NB1213 | Indian Overseas Bank                     |
| NB1015 | JK Bank                                  |
| NB1503 | Janata Sahakari Bank Ltd Pune            |
| NB1133 | Karnataka Bank                           |
| NB1506 | Kalyan Janata Sahakari Bank              |
| NB1514 | The Kalupur Commercial Co-Operative Bank |
| NB1494 | Karur Vysya Bank                         |
| NB1495 | Laxmi Vilas Bank - Corporate Net Banking |
| NB1496 | Laxmi Vilas Bank - Retail Net Banking    |
| NB1507 | Mehsana urban Co-op Bank                 |
| NB1520 | North East Small Finance Bank Ltd        |
| NB1504 | NKGSB Co-op Bank                         |
| NB1154 | Oriental Bank of Commerce                |
| NB1534 | Karnataka Gramin Bank                    |
| NB1497 | Punjab & Maharashtra Co-op Bank          |
| NB1381 | Punjab National Bank                     |
| NB1512 | PNB Yuva Netbanking                      |
| NB1421 | Punjab and Sindh Bank                    |
| NB1513 | RBL Bank Limited                         |
| NB1524 | RBL Bank Limited - Corporate Banking     |
| NB1531 | State bank Of India                      |
| NB1498 | Standard Chartered Bank                  |
| NB1499 | South Indian Bank                        |
| NB1517 | Suryoday Small Finance Bank              |
| NB1525 | Shamrao Vithal Co-op Bank - Corporate    |
| NB1500 | Shamrao Vithal Co-op Bank                |
| NB1380 | Saraswat Bank                            |
| NB1501 | Syndicate Bank                           |
| NB1516 | Thane Bharat Sahakari Bank Ltd           |
| NB1505 | TJSB Bank                                |
| NB1439 | Tamilnad Mercantile Bank                 |
| NB1502 | Tamil Nadu State Co-operative Bank       |
| NB1216 | Union Bank of India                      |
| NB1483 | UCO Bank                                 |
| NB1212 | United Bank Of India                     |
| NB1004 | AXIS Bank                                |
| NB1379 | Vijaya Bank                              |
| NB1519 | Varachha Co-operative Bank Limited       |
| NB1522 | Yes Bank Corporate                       |
| NB1146 | Yes Bank                                 |



## 3.1.1 Wallet codes

| CODE    | Wallet Name |
|---------|-------------|
| OXY     | Oxygen      |
| PAYTM   | Paytm       |
| PAYZAPP | Payzapp     |
| PHONEPE | PhonePe     |

## 3.1.2 Payment Modes

| PAYMENT_MODE_ID | PAYMENT_MODE_NAME |
|-----------------|-------------------|
| 1               | CREDIT/DEBIT CARD |
| 3               | NET BANKING       |
| 4               | EMI               |
| 9               | Cardless EMI      |
| 10              | UPI               |
| 11              | WALLET            |
| 14              | DEBIT EMI         |
| 16              | PREBOOKING        |
| 17              | BNPL/FLEXIPAY     |
| 20              | PBP (Paybypoints) |

## 3.1.3 Transaction Status

| TXN_STATUS_ID | TXN_STATUS_NAME | DESCRIPTION                            |
|---------------|-----------------|--|
| -10           | Cancelled       | when the user cancels the transaction. |

| -8 | Velocity Check Failed | Velocity check failed for EMI transactions   |  |
|----|-----------------------|--|--|
| -7 | Failure               | Transaction has failed dueto some reasons e.g. bank session time out, insufficient funds. Payer needs to reinitiate the transaction.   |  |
| -6 | Rejected              | Transaction has been rejected.   |  |
| 1  | Initiated             | Pine Labs payment gateway has not received response from Payment Provider/Bank. For all such transactions, We will retry the transaction, post which the transaction status will be updated to 'Captured' or'AuthReceived' or 'Rejected'.  When refund of aggregator |  |
| 4  | Captured              | 'Captured' call is successful. Funds will be transferred to merchant account.  |  |
| 6  | Refunded              | Refund of the transaction is successful.   |  |
| 7  | Query Complete        | Query of the transaction is successful.  |  |
| 9  | Partially Refunded    | Transaction is partially refunded  |  |

**NOTE**: After completion of purchase, kindly rely on "PinePGTxnStatus" and "TxnResponseCode" for final transaction response confirmation at the client side.

| PinePGTxnStatus | TxnResponseCode | Transaction State       | Transaction Type |
|-----------------|-----------------|-------------------------|------------------|
| 4               | 1               | Success                 | Purchase         |
|                 |                 | Payment inquiry call is |                  |
| 1               | 0               | required                | Purchase         |
| -7              | Any code        | Payment failed          | Purchase         |