PHP Integration Kit for Plural XT by Pine Labs

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# Installation

* Unzip the contents of the downloaded **pluralxt-pinelabs-php-v1.0.zip** file in a folder, say **pluralxt-pinelabs-php**.
* It has 4 files:
  + **index.php**
  + **process\_order\_payment.php**
  + **purchase\_redirect.php**
  + **response\_page.php**
* Deploy these files on your server.

File description:

* **index.php**
  + It is the sample application page/form where you enter all the order details for processing payment.
* **purchase\_redirect.php**
  + This handles the POST request that is received by submitting the order details form.
* **process\_order\_payment.php**
  + This is the main file that contains all the required functions used for creating order request and then redirecting to the payment gateway.
* **response\_page.php**
  + This is a sample page used in this application to handle the response.

Note: **process\_order\_payment.php** is the main file that contains all the required functions for integrating Plural XT. All other three files are just to create a sample application to show how these functions are being used. You can see we are including it using the following line of code:

*include 'process\_order\_payment.php';*

# Configuration

* Configure the merchant details by setting the **$merchant\_config** variable in the file **process\_order\_payment.php**. The **$merchant\_config** is an array that contains the following keys and you should set the appropriate values for each of these:
  + **merchant\_id** – Set the Merchant Id provided by Pine Labs.
  + **merchant\_access\_code** – Set the Merchant Access Code provided by Pine Labs.
  + **merchant\_secret\_key** – Set the Merchant Secure Secret Key provided by Pine Labs.
  + **merchant\_gateway\_mode** – Set **'sandbox'** for sandbox/test operation and **'production'** for live operation.
  + **merchant\_return\_url** – The url of the page where you want to handle the response from payment gateway. For this application, assuming it is hosted at localhost in directory pluralxt-pinelabs-php, the value will be '[http://localhost/pluralxt-pinelabs-php/response\_page.php](http://localhost/rapidpay-pinelabs-php/response_page.php)' .
  + **merchant\_payment\_modes\_csv** – Enter the Payment Modes as Comma Separated Values. These Payment Modes will be shown on the Payment Gateway transaction page. Some of the valid individual payment modes are:

CREDIT\_DEBIT

NETBANKING

EMI

UPI

WALLET

DEBIT\_EMI

ALL (For all payment modes)

So, for example, you can set: "CREDIT\_DEBIT,WALLET,UPI"

* + **merchant\_preferred\_gateway** – Set one of the following values as preferred payment gateway according to your preference:

"AMEX",

"AMEX\_ENHANCED",

"AXIS",

"AXISB24",

"BANKTEK",

"BFL",

"BHARATQR\_HDFC",

"BILLDESK",

"BOB",

"CCAVENUE\_NET\_BANKING",

"CITI",

"CITRUS\_NET\_BANKING",

"CORP",

"DEBIT\_PIN\_FSS",

"EBS\_NETBANKING",

"EDGE",

"FEDERAL",

"FSS\_NETBANKING",

"HDFC",

"HDFC\_DEBIT\_EMI",

"HDFC\_PRIZM",

"HSBC",

"ICICI",

"ICICI\_SHAKTI",

"IDBI",

"LVB",

"MASHREQ",

"OPUS",

"PAYTM",

"PayU",

"RAZOR\_PAY",

"SBI",

"SBI87",

"SI\_HDFC",

"SI\_PAYNIMO",

"UBI",

"UPI\_AXIS",

"UPI\_HDFC",

"WALLET\_PAYZAPP",

"WALLET\_PHONEPE",

"YES",

"ZEST\_MONEY"

If you don’t have any preferred gateway , set the value as "NONE".

Eg:

$merchant\_config = array(

'merchant\_id' => '1234',

'merchant\_access\_code' => '2c295f88-4277-1cd3-b5ec-e76148545a3e',

'merchant\_secret\_key' => '36AC6117F2104F81B554F1E35DCEFE41',

'merchant\_return\_url'=>'http://localhost/pluralxt-pinelabs-php/response\_page.php',

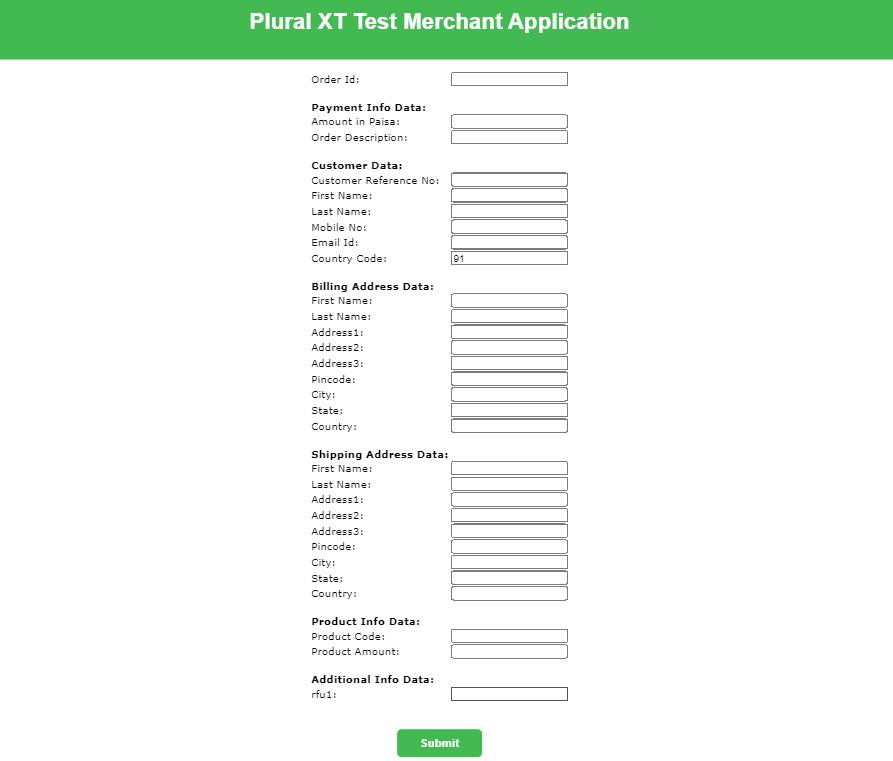
'merchant\_gateway\_mode' => 'sandbox',

'merchant\_payment\_modes\_csv' => 'ALL',

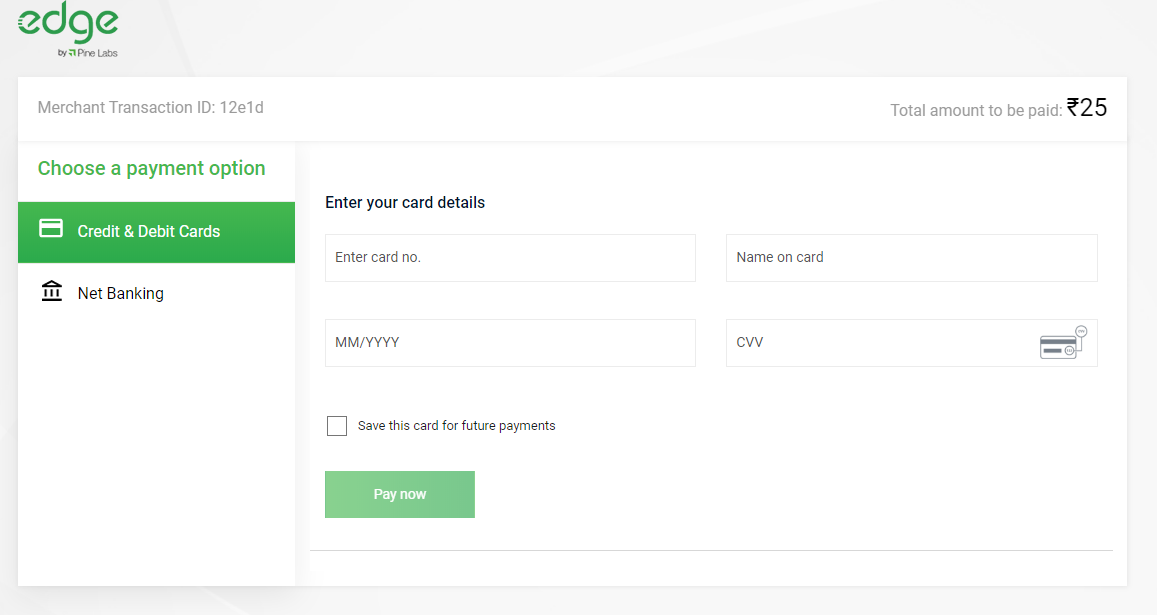
'merchant\_preferred\_gateway' => 'HDFC',

);

After correctly configuring the merchant data, you can open the **index.php** file in the browser. It should look something like this:



After filling the form and submitting the data, on successful order creation, you will be redirected to the payment gateway page:



After filling the payment details, the payment will be processed and you will be redirected to the merchant\_return\_url page as specified in the merchant configuration previously.

# **Creating order and redirecting to payment gateway**

* Use function **pluralxt\_create\_order($params)** defined in file **process\_order\_payment.php**
  + The **$params** is an associative array that contains the order and payment data with the following keys:
    - order\_id
    - amount\_in\_paisa
    - order\_description
    - customer\_ref\_no
    - customer\_first\_name
    - customer\_last\_name
    - customer\_mobile\_number
    - customer\_email\_id
    - customer\_country\_code
    - bill\_first\_name
    - bill\_last\_name
    - bill\_address1
    - bill\_address2
    - bill\_address3
    - bill\_pincode
    - bill\_city
    - bill\_state
    - bill\_country
    - ship\_first\_name
    - ship\_last\_name
    - ship\_address1
    - ship\_address2
    - ship\_address3
    - ship\_pincode
    - ship\_city
    - ship\_state
    - ship\_country
    - product\_code
    - product\_amount\_in\_paisa
    - rfu1

For example:

$params = array (

order\_id => 'abc1234',

amount\_in\_paisa => '2500',

order\_description => 'sample order',

customer\_ref\_no => '12',

customer\_first\_name => 'pine',

customer\_last\_name => 'labs',

customer\_mobile\_number => '9191919191',

customer\_email\_id => 'abc@example.com',

customer\_country\_code => '91',

bill\_first\_name => 'Pine',

bill\_last\_name => 'Labs',

bill\_address1 => 'Candor Techspace',

bill\_address2 => 'Tower 6',

bill\_address3 => 'Plot No. B2',

bill\_pincode => '201309',

bill\_city => 'Noida',

bill\_state => 'Uttar Pradesh',

bill\_country => 'India',

ship\_first\_name => 'Pine',

ship\_last\_name => 'Labs',

ship\_address1 => 'Candor Techspace',

ship\_address2 => 'Tower 6',

ship\_address3 => 'Plot No. B2',

ship\_pincode => '201309',

ship\_city => 'Noida',

ship\_state => 'Uttar Pradesh',

ship\_country => 'India',

product\_code => '456',

product\_amount\_in\_paisa => '2500',

rfu1 => ''

);

* The function **pluralxt\_create\_order($params)** returns the order creation response object:
  + If the value of the parameter **response\_code** of response object is **1**, then the order is successfully created and the response object will also have a parameter **token** that will be used as argument to the function **pluralxt\_redirect\_after\_order\_creation($token)** to redirect the customer to the payment gateway page.

Please check the contents of file **purchase\_redirect.php** to see how the above flow is implemented.

You should also go through the **response\_page.php** to check how the response is being handled.