

Pay with PalmPay

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UI/UX Design	REQUIRED
Front End Build	REQUIRED
Backend/Integration	REQUIRED
Document Status	DRAFT
QA	REQUIRED

Objective

This solution would enable PalmPay wallet users to be able to complete payment on the Interswitch Payment Gateway using PalmPay as an option

REQUIRED ENDPOINTS:

- API Documentation: [Pay With Wallet · PalmPay Documentation](#)
- CREATE ORDER:** /api/v2/payment/merchant/createorder
- QUERY ORDER:** /api/v2/payment/merchant/order/queryStatus

Requirements

#	Requirement	User Story	Acceptance Criteria
1	API integration to PalmPay Code	As a user on the payment gateway, I want to be able to see a Palmpay code, so that I can complete the transaction using the displayed code on my Palmpay mobile app	Scenario: A customer has selected PalmPay on the payment gateway as their preferred payment option - Given that a user has selected PalmPay, when the system calls PalmPay API and enters their PalmPay login credentials - Ensure that the steps required to complete the payment on the PalmPay app is displayed to the user to serve as a guide - Ensure that the transaction is closed out as successful when a successful notification is received from the PalmPay service - In a scenario where the user who has selected PalmPay as a payment method no longer wants to continue, ensure that the user is able to select other payment options to complete their payment. - Where a user has changed payment method from PalmPay to other payment methods, ensure that

			the right channel is logged against the transaction on the payment table. 6. Ensure that successful payments are pushed to Caesar for settlement.
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➤Basic Transaction Flow [↗](#)

CREATE ORDER [↗](#)

Request path

/api/v2/payment/merchant/createorder

Parameter list

Name	Type	Length	Required	Description
orderId	string	32	yes	the unique Order Number of the merchant, which can be used to query transaction results.
title	string	100	no	order title
description	string	200	no	order description
userId	string	50	no	the unique id of the user on the merchant.
userMobileNo	string	15	no	Mobile phone number e.g. 023407011698742
amount	Long	-	yes	Transaction amount (minimum unit: kobo) minimum amount: 10,000 kobo
country	String	5	yes	country code (NG)
currency	String	10	yes	currency (NGN)
notifyUrl	string	200	yes	receive transaction result notification url
callBackUrl	string	200	yes	after the payment is completed, the H5 page returns the url specified by the merchant.

orderExpireTime	Integer	-	no	the expiration time (in seconds) of the unpaid order.
remark	string	200	no	remarks
goodsDetails	array	-	no	product Details
productType	string	100	yes	Fixed transmission "pay_wallet"

Sample Request

```
curl --location 'https://open-gw-daily.palmpay-inc.com/api/v2/payment/merchant/createorder' \
--header 'Accept: application/json, text/plain, /' \
--header 'countryCode: NG' \
--header 'Authorization: Bearer 10241024' \
--header 'Signature: D11A3E8CB478C0B0F40276DDA5AFD898' \
--header 'Content-Type: application/json' \
--data '{
  "requestTime":1662171389940,
  "version":"V1.1",
  "nonceStr":"IBJGAeTa4ZJQv4Z2qufomVo9e1YnJ9Y",
  "amount":200,
  "notifyUrl":"https://xx.cn/callback/payment",
  "orderId":"testc9ffae997fc1",
  "title":"pay",
  "description": "pay some thing",
  "userId":"110",
  "currency": "NGN",
  "callBackUrl": "http://returnurl",
  "goodsDetails": "[{\"goodsId\":\"1\"}]",
  "productType":"pay_wallet"
}'
```

Return value

Name	Type	Length	Required	Description
orderNo	string	32	yes	PalmPay platform Order No.
orderStatus	Integer	1	yes	order status (see order Status)
message	string	50	no	status Description
checkoutUrl	string	200	no	Pull up the H5 payment url

payToken	String	200	yes	Parameters required to pull up SDK payment, only have value when status=1
sdkSessionId	String	32	yes	Parameters required to pull up the SDK using a secure dynamic key
signKey	String	32	yes	Parameters required to pull up the SDK using a secure dynamic key

Sample Response

```
{
  "respCode": "00000000",
  "respMsg": "success",
  "data": {
    "orderNo": "2424220903032435363613",
    "orderStatus": 1,
    "message": "success",
    "forwardUrl": "https://openapi.transspay.net/open-api/api/v1/payment/h5/redirect?orderNo=2424220903032435363613&userId=110&sign=18FC68963B01E5B2EBE71A59F5D70AE70D66D4798F11B1632B08B4EB084948DC&key=4cca233f40b1dfb1b4600c7dfdaf3ee2",
    "payToken":
      "eyJvcnRlck5vbjoiMjQyNDIyMDkwMzAzMjQzNTM2MzYxMyIsInVzZXJJZCI6IjExMCI6InNpZ24iOiIxOEZDNjg5NjNCMDFFNUIyRUJFNzFBNTIGNUQ3MEFFNzBENjZENDc5OEYxMUIxNjMyQjA4QjRFQjA4NDk0OERDIiwia2V5IjojNGNjYTlzM2Y0MGlxZGZiMWI0NjAwYzdkZmRhZjNlZTIifQ==",
    "sdkSessionId": "3032435363613",
    "signKey": "110"
  }
}
```