

PAYMENT GATEWAY

USER GUIDE

Process Payment

The payment gateway enables a merchant to process a payment. The details of the transaction should be entered in the form below and the button [Submit Payment](#) should be clicked.

Process Payment

Card Type

Name On Card

Card Number

Expiry Month

Expiry Year

CVV

Currency

Amount

Merchant

Bank

Submit Payment

Fields	Mandatory	Description
Card Type	Yes	The type of the payment card.
Name On Card	Yes	The name of the shopper as it is displayed on the payment card.
Card Number	Yes	The 12 digits number printed on the front of payment card.
Expiry Month	Yes	The payment card expiry month.
Expiry Year	Yes	Integer ≥ 0 The payment card expiry year
CVV	Yes	The 3 digits code printed on the back of the card.
Currency	Yes	The currency used for the purchase.
Amount	Yes	Integer ≥ 0 The amount of the purchase.
Merchant	Yes	The seller of the product.
Bank	Yes	The acquiring bank.

If the payment is successfully processed, a success message will be displayed and a Transaction ID will be returned to the user.

Thank you! Your payment has been received!
Your Transaction ID is 77e81a77-c2fa-4adb-b49d-0c76596dc83f.

If the bank failed to process the payment, a failure message is displayed with the response received from the bank.

Sorry, payment failed!
Bank Response: Not enough fund

Retrieve transaction detail

Search by Transaction ID

To retrieve the details of a previously made payment, select a transaction ID and click on [Search](#).

Search Payment By Transaction ID

77e81a77-c2fa-4adb-b49d-0c76596dc83f

Search

The details of the transaction will be displayed in the format below.

Merchant: EBay

Bank: Test Bank 1

Card Type: Visa

Card Number: XXXXXXXX3333

Name On Card: Tester

Expiry Month: January

Expiry Year: 2022

CVV: 100

Amount: USD 2500

Bank Response ID: 09a23b2a-0d80-45a3-a704-a2b7d0facaf9

Bank Response: Successful

Status: Success

Search by Merchant

To retrieve all the transactions made by a merchant, select a merchant and click on [Search](#).

Search Payment By Merchant

Search

Transaction ID	Bank	Card Type	Card Number	Name On Card	Expiry Month	Expiry Year	CVV	Amount	Bank Response ID	Bank Response	Status
77e81a77-c2fa-4adb-b49d-0c76596dc83f	Test Bank 1	Visa	XXXXXXXX3333	Tester	January	2022	100	USD 2500	09a23b2a-0d80-45a3-a704-a2b7d0facaf9	Successful	Success
b3c0ce17-7c5b-4f12-a150-eefc095336b3	Test Bank 1	Visa	XXXXXXXX6666	Tester 2	January	2030	200	USD 2e+006	5d7cedee-6e67-444f-a817-f542b8bcbffa	Not enough fund	Failed

Bank Response

When the merchant submits a transaction via the payment gateway, the request is forwarded to the acquiring bank and a response is received from the bank. Below are test details to simulate a bank response.

Validation	Bank Response	Test Data
Check if CVV is a 3 digits number	Security Breach	CVV: 1234
Check if Amount is less than or equal to 100000	Not enough fund	Amount: 300000
Check if Card Number is a 12 digits number	Invalid Card Number	Card Number: 1111
Check if the Card Expiry Date greater than Today's date.	Card has expired	Year: 2015

ER Diagram

