



V. 1.8

## 1. OVERVIEW

This document describes the steps for technical integration process between merchant website / application and Payfair Payments.

Through Payfair Payments, your customers can make electronic payments through various payment modes such as:

- Net banking
- UPI

Payfair Payments also offers you a business UI (<https://pay.payfair.in/>) where you have access to all your prior transaction/payment details, settlement details, analytics, etc.

You can also use this UI to create invoices singly or in bulk, set reminders, recurring billing, and many more features, manage your payables, vendor payments, set split ratios for vendor payments, process refunds, etc. This online interface can be accessed through <https://pay.payfair.in/>.

### LIST OF CURRENCY CODES:

Currency	Currency Code
INR	Indian Rupee
AED	UAE Dirham
EUR	Euro
GBP	Pound Sterling
USD	US Dollar
MUR	Mauritius Rupee
RWF	Rwanda Franc
LKR	Sri Lanka Rupee
XOF	West African CFA franc

## 2. PAYMENT REQUEST API

When you integrate with Payfair Payments, the customer will be re-directed from your merchant website to the Payfair Payments payment page. After completion of the transaction, Payfair Payments will direct the customer back to the merchant website.

### 2.1. Steps for Integration

- You need to submit a **POST REQUEST** to our server, at the below mentioned URL

<https://pay.payfair.in/v2/paymentrequest>

**Note:** hash is a mandatory parameter. If your hash is not properly calculated or does not match for whatever reason, we will not be able to process the payment. The usage of hash is explained in subsequent sections.

- When you call this API, the customer is necessarily re-directed to Payfair payment page. After the customer makes the payment through Payfair Payments (entering his card details or netbanking details etc.), we direct the customer back to your merchant site.

**Note:** If you need the customer to enter credit card details on your (merchant) website and would NOT want us to redirect to the Payfair Payments page, we can get that done, provided you are PCI-DSS certified. If you are not certified and would like to get certified, let us know. We will guide you appropriately on how to get it done.

- We recommend that you check the hash at your end again, after we send back the response to you. This is essential to prevent user data tampering fraud.
- Transaction ID and order ID:
  - When you submit your transaction request to Payfair Payments, you need to submit an order ID as part of the request. This order ID can be used by you as a universal reference number for all transaction requests submitted by you.
  - When your customer clicks the "Pay" button on the payment page, a unique transaction ID is assigned to the transaction.
  - Order ID acts as a "merchant reference number". You must maintain uniqueness of your order IDs.

## 2.2. Parameters to be POSTed in Payment Request

URL: <https://pay.payfair.in/v2/paymentrequest>

Parameter Name	Description	Data type	Optional / Mandatory
api_key	Payfair Payments would assign a unique 36-digit merchant key to you. This key is exclusive to your business/login account. If you have multiple login accounts, there will necessarily be one different api_key per login account that is assigned to you.	varchar(36)	mandatory
order_id	This is your (merchant) reference number. It must be unique for every transaction. We do perform a validation at our end and do not allow duplicate order_ids for the same merchant.	varchar(30)	Mandatory
Mode	This is the payment mode (TEST or LIVE are valid values)	varchar(4)	Optional
Amount	This is the payment amount.	decimal(12,2)	Mandatory
Currency	This is the 3-digit currency code (INR)	varchar(3)	mandatory
Description	Brief description of product or service that the customer is being charged for.	varchar(255)	mandatory
Name	Name of customer.	varchar(255)	mandatory
Email	Customer email address.	varchar(255)	mandatory
Phone	Customer phone number	varchar(30)	mandatory
address_line_1	Customer address	varchar(255)	optional
address_line_2	Customer address 2	varchar(255)	optional
City	Customer city	varchar(255)	mandatory
State	Customer State	varchar(255)	optional
Country	Customer country	varchar(100)	mandatory
zip_code	Customer zip code	varchar(20)	mandatory
timeout_duration	Timeout duration (in seconds)	varchar(10)	optional
udf1	User defined field	varchar(255)	optional
udf2	User defined field 2	varchar(255)	optional
udf3	User defined field 3	varchar(255)	optional
udf4	User defined field 4	varchar(255)	optional
udf5	User defined field 5	varchar(255)	optional

return_url	Return URL success - Payfair Payments will make a POST request to this URL after successful transaction, with a set of parameters, which you can process as you want to.	varchar(255)	mandatory
return_url_cancel	Return URL success - Payfair Payments will make a POST request to this URL in case of transaction cancellation, with a set of parameters, which you can process as you want to.	varchar(255)	optional
percent_tdr_by_user	Percent of tdr amount paid by user (optional) (max value:100)	decimal(5,2)	optional
flatfee_tdr_by_user	fixed fee paid by user (optional)	decimal(10,2 )	optional
show_convenience_fee	Controls whether the convenience fee amount (for surcharge merchants) is displayed to the customer (on the payment page) or not	varchar(1)	optional
split_enforce_strict	Controls whether payment is required to be split before settlement. By default, it is set to 'n', If this is set to 'y' then settlement will be on HOLD until splitsettlement api is called to provide split information.	varchar(1)	optional
split_info	Split info is for splitting the payment between vendor and themselves. In this field one must provide vendor code and what percentage of the payment to be split. ( <b>Note: Currently this accepts single vendor split amount percentage only</b> ) Following is an	varchar(500)	optional

	<p>example how it will look</p> <pre>{"vendors": [{"vendor_code": "2VEN449", "split_amo unt_percentage": "20"}]}</pre> <p>All field in this JSON are mandatory.</p>		
payment_options	<p>payment options to be displayed such as net banking (nb), wallet (w). Tabs will be displayed by order in which values are sent.</p> <p>Values accepted are:  <i>NB,W,UPI</i>          (comma separated string), sequence of values will also determine the tab sequence on payment page.</p> <pre>'NB': 'netbanking', 'W': 'wallet', 'UPI': 'upi',</pre>	varchar(50)	optional
payment_page_display_text	This text will be displayed below the logo on payment page.	varchar(100)	optional
allowed_bank_codes	Bank codes sent in this filed will be allowed in payment page, other bank codes will not be allowed to proceed with payment. Refer appendix 3 for the list of bank codes. To send multiple bank codes send a comma separated list. E.g. to allow only credit cards: MACC,VICC,DINC,VISC,RUPC,MASC,AMXC	varchar(250)	optional

allowed_emi_tenure	This will be a comma separated integer list depending upon the tenure (in months) of loan allowed to show in EMI payment method. Ex( 3 , 6, 9 etc.)	varchar(50)	optional
allowed_bins	BIN is Bank Identification Number, on a card it is first 6 digits. BINs passed here will only be allowed to transact, multiple BINs can be sent as comma separated list. Refer appendix 3 for the list if the payment mode is card	varchar(250)	optional
offer_code	If there is any discount / offer provided by merchant on EMIs, then predefined codes must be mentioned in this field. (This is for specific use case; more information can be provided on demand)	varchar(100)	optional
emi_info	This is an optional param which is to be posted to issuer end in case emi detail are required.the format will be as mentioned below <pre>"emi_info": {     "subvention": "0.0",     "aggregator_name": "BENOW",     "bank_merchant_id": null,     "bank_term_id": null,     "bank_sku_code": null }</pre> all the fields are optional and have varchar as data type.	varchar(100)	optional

product_details	<p>Contains information regarding the goods/product for which the payment (emi) is being made.</p> <p>Values in this field should be sent in JSON format, for example:</p> <pre>{"manufacturer": "Samsung", "category": "Phone", "sub_category_1": "Smart Phone", "sub_category_2": "High-end", "model_name": "Samsung Galaxy S10 Pro"} Fields such as manufacturer, category, model_name are self-explanatory; sub_category_1 and sub_category_2 further describe the variants/types of that product.</pre> <p>All fields in this JSON are optional.</p>	varchar(2048)	optional
enable_auto_refund	Payment request is auto refunded in case of delay success depending upon the value present in the field is 'y' or 'n'. If this filed is not sent default set for your account at the time of setup will take effect.	varchar(1)	optional
hash	You need to compute a hash of all your parameters and pass that hash to Payfair Payments, for details about calculating hash	varchar(255)	mandatory

	<p>refer Appendix 2.</p> <p>Note: the SALT will be provided by Payfair Payments separately.</p> <p><b>NEVER PASS SALT IN A FORM, DO NOT STORE SALT IN ANDROID APP APK or IPHONE APP package</b></p>	
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### 2.3. Response Parameters returned

Parameter name	Description
transaction_id	A unique ID that can be used to trace the transaction uniquely within Payfair Payments. Transaction IDs are alphanumeric. An example transaction ID is HDVISC1299876438
payment_mode	This tells the payment mode used by customer - example: "UPI", "netbanking", etc.
payment_channel	This tells the payment channel used by customer - example: "Visa", "HDFC Bank", "Paytm", etc.
payment_datetime	Date and Time of this payment in "DD-MM-YYYY HH:MM:SS" format
response_code	Status of the transaction (return code). 0 signifies successful transaction. Non-zero values signify error. Response Code returned is documented in Appendix 4
response_message	The response message associated with the transaction.
error_desc	The detailed error description, if any
order_id	The same order_id that was originally posted by the merchant in the request.
amount	The same original amount that was sent by the merchant in the transaction request. In case of customer surcharge model this will be the amount paid by customer **.
currency	This is the 3digit currency code (INR), it will be same value that was originally sent by merchant.
description	The same description that was originally sent by the merchant in the transaction request.
name	The same value that was originally sent by merchant

email	The same value that was originally sent by merchant
phone	The same value that was originally sent by merchant
address_line_1	The same value that was originally sent by merchant
address_line_2	The same value that was originally sent by merchant
city	The same value that was originally sent by merchant
state	The same value that was originally sent by merchant
country	The same value that was originally sent by merchant
zip_code	The same value that was originally sent by merchant
udf1	The same value that was originally sent by merchant
udf2	The same value that was originally sent by merchant
udf3	The same value that was originally sent by merchant
udf4	The same value that was originally sent by merchant
udf5	The same value that was originally sent by merchant
tdr_amount	This is the TDR charged on the transaction **
tax_on_tdr_amount	This is the Tax (GST) charged on the TDR Amount **
amount_orig	This is the amount requested by merchant **. Typically, this will be same as the amount field, but in case of customer surcharge model this will be a different value.
cardmasked	Masked card number which was used to make the transaction **. For example, 437748*****0069
'emi_tenure'	If "send_emi_details" merchant param is enabled and emi_info request is received.
'emi_rate_of_interest'	If "send_emi_details" merchant param is enabled and emi_info request is received.
hash	Payfair Payments calculates the hash using the same algorithm which was outlined earlier. Hence, the merchant needs to check whether this returned hash matches the calculated hash.

\*\* Note: This parameter will be returned as part of the response **only** if the merchant's account has been enabled for the same. Please speak to your Payfair Payments relationship manager if you would like this information to be returned in response.

**Note:** It is important to validate the hash after you receive the response from Payfair Payments. A failed response sent from Payfair Payments server to your server via browser could be tampered by malicious.

### **3. PAYMENT STATUS API**

Payfair Payments provides an API which you can use to check the status of any prior transaction. You can use this to reconcile transactions. We strongly recommend that you make it a practice to use this for every transaction that was made. This serves two purposes:

The response might not reach you due to network issues or other problems such as user clicking refresh button on their browser, etc.

This also protects against any tampering, since you have a second fallback check here.

Payfair Payments offers a sophisticated API wherein you can apply "filters" on the resultset you want to retrieve. You can search our system by the transaction ID, or the order ID, or even by parameters such as date range, customer phone number, etc. You can also pass in various combinations of these parameters to get the resultset of your choice.

**Note:** Your designated server IP will need to be whitelisted by Payfair Payments for this API to work. If you receive errors such as "Unauthorized" while accessing this API, please contact your Payfair Payments relationship manager to get this fixed.

**URL:** <https://pay.payfair.in/v2/paymentstatus>

#### **3.1. Parameters to be POSTed (JSON REQUEST)**

Parameter Name	Description	Data type	Optional / Mandatory
api_key	Payfair Payments would assign a unique 36-digit merchant key to you. This key is exclusive to your business/login account. If you have multiple login accounts, there will necessarily be one different api_key per login account that is assigned to you.	varchar(36)	Mandatory
order_id	This is your (merchant) reference number which you submitted while making the original transaction. You can send multiple order ids in this field as comma (,) separated list	varchar(30)	Optional
transaction_id	This is the transaction ID generated by Payfair Payments for the given transaction	varchar(30)	Optional

bank_code	This is the 4-letter bankcode which denotes the payment mode/channel of the payment.	varchar(4)	Optional
response_code	The numeric response code returned by Payfair Payments during the original transaction	number(4)	Optional
customer_phone	Phone number of the customer, as provided during the original paymentrequest API	varchar(30)	Optional
customer_email	Email address of the customer, as provided during the original paymentrequest API	varchar(255)	Optional
customer_name	Name of the customer, as provided during the original paymentrequest API	varchar(255)	Optional
date_from	Start date of date range to retrieve transactions, in DD-MM-YYYY or YYYY-MM- DD HH:MM:SS format	varchar(20)	Optional
date_to	End date of date range to retrieve transactions, in DD-MM-YYYY or YYYY-MM- DD HH:MM:SS format	varchar(20)	Optional
page_number	Page number you need to retrieve, its value is limited by information received in the first response that is received	integer	Optional
per_page	Number of records need to see per page, this value should be between 1 and 50	integer	Optional
hash	<p>You need to compute a hash of all your parameters and pass that hash to Payfair Payments, for details about calculating hash refer Appendix 2.</p> <p>Note: the SALT will be provided by Payfair Payments separately. <b>NEVER PASS SALT IN A FORM, DO NOT STORE SALT IN ANDROID APP APK or IPHONE APP package</b></p>	varchar(255)	Mandatory

### 3.2. Response Parameters

On successful call to this API you will receive JSON response. You can read the JSON response and process it at your end. If your result set is greater than 50 transactions, you would need to use pagination.

**Note:** few parameters in response will be visible only if it is enabled for your account, for example: refund\_details will be available if it is enabled for your merchant account.

A few sample responses for given requests are provided

below: In case of success,

```
{  
  "data": [  
    {  
      "transaction_id": "SFSBIN2783912661",  
      "bank_code": "SBIN",  
      "payment_mode":  
        "Netbanking",  
      "payment_channel": "State Bank of  
        India", "payment_datetime": "2018-06-  
        13 16:44:03",  
      "response_code": 1000,  
      "response_message":  
        "FAILED",  
      "authorization_staus": null,  
      "order_id": "427641",  
      "amount": "27.36",  
      "amount_orig": "2.00",  
      "tdr_amount": 21.49,  
      "tax_on_tdr_amount": 3.87,  
      "description": "Web Payment for  
        433487", "error_desc": "FAILED",  
      "customer_phone": "9900990099",  
      "customer_name": "sharathkumar  
        hegde",  
    }]
```

```
"customer_email":  
"sharathkumar@example.com" "currency":  
"INR",  
"cardmasked": null,  
"udf1": null,  
"udf2": null,  
"udf3": null,  
"udf4": null,  
"udf5": null,  
"refund_details":  
": {  
    "refund_amount": 0  
}  
,  
{  
    "transaction_id":  
"HDVISC4291974106",  
    "bank_code": "VISC",  
    "payment_mode": "Credit Card",  
    "payment_channel": "Visa",  
    "payment_datetime": "2018-06-13  
16:45:39",  
    "response_code": 0,  
    "response_message":  
"SUCCESS",  
    "authorization_staus":  
"captured", "order_id":  
"427643",  
    "amount": "1.93",  
    "amount_orig": "1.90",  
    "tdr_amount": 0.03,  
    "tax_on_tdr_amount": 0,  
    "description": "Web Payment for  
433489", "error_desc": null,  
    "customer_phone": "9900990099",  
    "customer_name": "sharathkumar hegde",  
    "customer_email":  
"sharathkumar@example.com" "currency":  
"INR",
```

```

    "cardmasked": null,
    "udf1": null,
    "udf2": null,
    "udf3": null,
    "udf4": null,
    "udf5": null,
    "refund_details": {
        "refund_amount": 0
    }
],
"page": {
    "total": 175,
    "per_page": 10,
    "current_page": 1,
    "last_page": 18,
    "from": 1,
    "to": 10
},
"hash": "30FAAD865191B4064576F063177F0A4692C3DBBBF35D1A20463EAA449269C4715FD13528EA069B3A8 D5C25C62637ED825C297C2337CDC1CFB7FCD0D60DCFEB9D"
}
]

```

In case of error,

```
{
    "error": {
        "code": 1001,
        "message": "The api key field is incorrect"
    }
}
```

In case there is no record present in our system for the combination of input, following error is returned

```
{
    "error": {
        "code": 1050,
```

```

    "message": "No data record found for the given input"
}
}

```

In case there is no transaction id in our system for the order\_id, merchant\_order\_id or transaction\_id, following error is returned

```

{
  "error": {
    "code": 1028,
    "message": "No Transaction found"
  }
}

```

If there are more than 50 transactions for which the status is requested, you would see following error

```

{
  "error": {
    "code": 1086,
    "message": "More than 50 records, refine your search criteria or use pagination"
  }
}

```

In such cases where result set is expected to have status of more than 50 transactions, it is required to use pagination.

Pagination allows to access data in smaller chunks making it easier for server to return data quickly. To allow for pagination one need to pass following additional parameter in request

Parameter Name	Description	Data type	Optional / Mandator y
page_number	Page number you need to retrieve, its value is limited by information received in the first response that is received	integer	optional
per_page	Number of records need to see per page, this value should be between 1 and 50	integer	optional

If above parameters are passed, response will have additional information about pagination as following

```

"page": {

```

```
"total": 175,  
"per_page": 10,  
"current_page": 1,  
"last_page": 18,  
"from": 1,  
"to": 10  
},
```

This pagination information should be used in page\_number filed for subsequent api request. end-user and turned into "success". To make sure the transaction response is the same as what Payfair Payments server sent please check the hash before considering the transaction response as final.

**Note:** Format of transaction ID is as follows: HDVISC1299876438". The 3<sup>rd</sup> to 6<sup>th</sup> digits (both inclusive) in the transaction ID signify the "bankcode". This information is enough to obtain the payment method and payment channel. A list of bankcodes and corresponding payment mode/channel is available in Appendix 3 of this document.

## 4. Refunds API

Payfair Payments provides a refund API which merchants can use to programmatically issue refunds instead of clicking the "refund" button in the Payfair Payments UI. This API can be invoked on any prior successful transaction. The transaction which is being refunded should be in either "paid" or "settled" state, or in "refunded" state (in case of partial amount refunds). Refunds can be either for the full amount paid by the customer, or any part of it.

The API needs a valid transaction ID as input.

**Note:** processing of refunds is subject to availability of funds in subsequent settlement cycles. This API will return a failure response in case sufficient funds are not available to process the refund.

### 4.1. Refund request API

**URL:** <https://pay.payfair.in/v2/refundrequest>

#### Request Parameters:

Parameter Name	Description	Data type	Optional / Mandatory
api_key	Payfair Payments would assign a unique 36- digit merchant key to you. This key is exclusive to your business/login account. If you have multiple login accounts, there will necessarily be one different api_key per login account that is assigned to you.	varchar(36)	Mandatory y
transaction_id	The unique alphanumeric transaction ID generated by Payfair Payments for a prior transaction.	varchar(30)	Mandatory y

merchant_refund_id	This is your (merchant) refund reference number. It must be unique for every refund request. If a refund request is sent with same merchant_refund_id we return the response of the previously successful refund request. <b>Warning:</b> If you are NOT using this field then be careful, as each request will be treated as a new refund request. Thus it is recommended to use this field.	varchar(30)	Optional
merchant_order_id	This is your (merchant) reference number which you submitted while making the original transaction. Note that if this value does not match with related transaction_id field then you will get error. In typical cases do not send this field.	varchar(30)	Optional
amount	The amount which needs to be refunded. This needs to be less than or equal to the transaction amount.	decimal(10,2)	Mandatory
description	Description of the refund. Usually the reason for issuing refund, as specified by merchant.	varchar(500)	Mandatory
hash	You need to compute a hash of all your parameters and pass that hash to PayfairPayments, for details about calculating hash refer Appendix 2.  Note: the SALT will be provided by Payfair Payments separately. <b>NEVER PASS SALT IN A FORM, DO NOT STORE SALT IN ANDROID APP APK or IPHONE APP package</b>	varchar(255)	Mandatory

### **Response Parameters:**

The output is a JSON which contains the error(s), if any, in validation, or a simple success message which confirms that the refund request has been accepted and will be processed during subsequent settlement cycle.

If the request is successfully processed response you will get a “*data*” block, and in case of failure you will see “*error*” block, you will not get “*data*” key in case of error.

In case of success, **NOTE:** that *refund\_reference\_no* is returned by the bank and it can be null in case refunds are not initiate by bank immediately, but is done at end of the day.

```
{  
  "data": {  
    "transaction_id":  
      "HDVISC7472820193", "refund_id":  
        4351, "refund_reference_no": null  
    "merchant_refund_id": 76783_R_1,  
    "merchant_order_id": 76783,  
  }  
}
```

In case of error,

```
{  
  "error": {  
    "code": 1039,  
    "message": "The refund amount is greater than transaction amount"  
  }  
}
```

## 4.2. Refund Status API

If a refund is initiated either from merchant or payment gateway end and merchant wants to check its status (details such as if it is refunded or not how much amount was paid and how much is refunded will be posted in response). To check the status of any refund which was initiated merchant should post the API request.

*URL: <https://pay.payfair.in/v2/refundstatus>*

### Request Parameters:

Parameter Name	Description	Data type	Optional / Mandatory
api_key	Payfair Payments would assign a unique 36- digit merchant key to you. This key is exclusive to your business/login account. If you have multiple login accounts, there will necessarily be one different api_key per login account that is assigned to you.	varchar(36)	Mandatory
transaction_id	The unique alphanumeric transaction ID generated by Payfair Payments for a prior transaction.	varchar(30)	Mandatory
merchant_order_id	This is your (merchant) reference number which you submitted while making the original transaction. Note that if this value does not match with related transaction_id field then you will get error. In typical cases do not send this field.	varchar(30)	Optional
hash	You need to compute a hash of all your parameters and pass that hash to PayfairPayments, for details about calculating hash refer Appendix 2.	varchar(255)	Mandatory

	<p>Note: the SALT will be provided by Payfair Payments separately.</p> <p><b>NEVER PASS SALT IN A FORM, DO NOT STORE SALT IN ANDROID APP APK or IPHONE APP Package</b></p>		
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#### Response Parameters:

The output is a JSON it will give all details about a refund if any initiated for this transaction, if not it will give json with error. Partial multiple refunds are also shown in refund\_details

If the request is successfully processed response you will get a “*data*” block, and in case of failure you will see “*error*” block, you will not get “*data*” key in case of error.

**NOTE:** that *refund\_reference\_no* is returned by the bank and it can be null in case refunds are not initiate by bank immediately but is done at end of the day.

```
{
  "data": {
    "transaction_id": "FDAXIP9740656834",
    "merchant_order_id": "351177",
    "refund_amount": 2.04,
    "transaction_amount": "2.04",
    "refund_details": [
      {
        "refund_id": 3523,
        "refund_reference_no": "602201803257434370",
        "merchant_refund_id": null,
        "refund_amount": "2.04",
        "refund_status": "Customer Refunded",
        "date": "2018-02-01 11:19:49"
      }
    ]
  },
}
```

```
"hash":  
"20D8CB42D14C35AAEF06BB200C82E560DCC1D0C19EEFFBF07CBEEB3BD39AE746AFB30  
A5803D6375 27CE1A45AE367565E8AF5933809E3F597D7CDDDCDB3C28FE"  
}
```

In case of error,

```
{  
"error": {  
"code": 1050,  
"message": "No data record found for the given input"  
}  
}
```

## HASH CALCULATION GUIDE

Following are the steps to calculate hash.

1. Create a | (pipe) delimited string called hash\_data with first value as the salt.
2. Now sort the post fields based on their keys and create a | delimited string, for the fields with values.
3. Hash the hash\_data string using “**SHA-512**” hashing algorithm and save the hash in secure\_hash string
4. Convert the secure\_hash string to upper case

## LIST OF RESPONSE CODE

Error Num eric Code	Error Code	Error Description	Error Display Text
0	SUCCESS	Transaction successful	Transaction successful
1000	FAILED	Transaction failed	Transaction failed
1001	INVALID- API-KEY	The api key field is incorrect	The api key field is incorrect
1002	INVALID- LIVE- MODE- ACCESS	The live mode access is not allowed	The live mode access is not allowed
1003	INVALID- ORDER- ID-FIELD	The order id field should to be unique	The order id field should to be unique
1004	ORDER- ID-FIELD- NOT- FOUND	The order id field is not found	The order id field is not found
1005	INVALID- AUTHENT- ICATION	Invalid authentication at bank	Invalid authentication at bank
1006	WAITING- BANK- RESPONSE	Waiting for the response from bank	Waiting for the response from bank
1007	INVALID- INPUT- REQUEST	Invalid input in the request message	Invalid input in the request message
1008	TRANSAC- TION- TAMPERE- D	Transaction tampered	Transaction failed due to malicious activity in your account. Please contact the support team
1009	DECLINE- D-BY- BANK	Bank Declined Transaction	Bank Declined Transaction
1010	INVALID- AMOUNT	Amount cannot be less than 1	Amount cannot be less than 1
1011	AUTHORI- ZATION- REFUSED	Authorization refused	Authorization refused
1012	INVALID- CARD	Invalid Card/Member Name data	Invalid Card/Member Name data
1013	INVALID- EXPIRY- DATE	Invalid expiry date	Invalid expiry date
1014	DENIED- BY-RISK	Transaction denied by risk	Transaction denied by risk
1015	INSUFFICI- ENT- FUND	Insufficient Fund in Customer Account	Insufficient Fund in Customer Account
1016	INVALID- AMOUNT- LIMIT	Total Amount limit set for the terminal for transactions has been crossed	Total Amount limit set for the terminal for transactions has been crossed

1017	INVALID-TRANSACTION-LIMIT	Total transaction limit set for the terminal has been crossed	Total transaction limit set for the terminal has been crossed
1018	INVALID-DEBIT-AMOUNT-LIMIT	Maximum debit amount limit set for the terminal for a day has been crossed	Maximum debit amount limit set for the terminal for a day has been crossed
1019	INVALID-CREDIT-AMOUNT-LIMIT	Maximum credit amount limit set for the terminal for a day has been crossed	Maximum credit amount limit set for the terminal for a day has been crossed
1020	MAXIMUM-DEBIT-AMOUNT-CROSS	Maximum debit amount set for per card for rolling 24 hrs has been crossed	Maximum debit amount set for per card for rolling 24 hrs has been crossed
1021	MAXIMUM-CREDIT-AMOUNT-CROSS	Maximum credit amount set for per card for rolling 24 hrs has been crossed	Maximum credit amount set for per card for rolling 24 hrs has been crossed
1022	MAXIMUM-TRANSACTION-CROSS	Maximum transaction set for per card for rolling 24 hrs has been crossed	Maximum transaction set for per card for rolling 24 hrs has been crossed
1023	HASH-MISMATCH	Hash Mismatch	Hash Mismatch
1024	INVALID-PARAMS	Invalid parameters	Invalid parameters
9999	UNKNOWN-WN-ERROR	Unknown error occurred	Unknown error occurred
1025	INVALID-BANK-CODE	Invalid bank code	Invalid bank code
1026	INVALID-MERCHANT	Merchant is not active	Merchant is not active
1027	INVALID-TRANSACTION	Invalid transaction	Transaction is invalid
1028	TRANSACTION-NOT-FOUND	Transaction not found	Transaction not found
1029	TRANSACTION-	Transaction terminated	Transaction terminated

	TERMINATED		
1030	TRANSACTION-INCOMPLETED	Transaction incomplete	Transaction incomplete
1031	AUTO-REFUNDED	Transaction auto refunded	Transaction auto refunded
1032	REFUNDED	Transaction refunded	Transaction refunded
1033	SINGLE-TRANSACTION-LOWER-LIMIT-CROSS	The amount provided is less than transaction lower limit	The amount provided is less than transaction lower limit
1034	SINGLE-TRANSACTION-UPPER-LIMIT-CROSS	The amount provided is more than transaction upper limit	The amount provided is more than transaction upper limit
1035	TRANSACTION-DAILY-LIMIT-CROSS	The daily transaction limit is exceeded for the merchant	The daily transaction limit is exceeded for the merchant
1036	TRANSACTION-MONTHLY-LIMIT-CROSS	The monthly transaction limit is exceeded for the merchant	The monthly transaction limit is exceeded for the merchant
1037	DAILY-TRANSACTION-NUMBER-CROSS	The daily transaction number is exceeded for the merchant	The daily transaction number is exceeded for the merchant
1038	MONTHLY-TRANSACTION-NUMBER-CROSS	The monthly transaction number is exceeded for the merchant	The monthly transaction number is exceeded for the merchant
1039	INVALID-REFUND-AMOUNT	The refund amount is greater than transaction amount	The refund amount is greater than transaction amount
1040	INVALID-CVV	Invalid Card Verification Code	Invalid Card Verification Code

	AUTO-		
1041	REFUNDE	Transaction is auto refunded by TnP	Transaction is auto refunded by TnP
	D-TNP		
	FAILED-		
1042	NO-RESPONSE	Transaction failed as there was no response from bank	Transaction failed as there was no response from bank
	E		
	TRANSAC-		
1043	TION-CANCELLED	Transaction cancelled	Transaction cancelled
	ED		
1044	UNAUTHORIZED	Unauthorized	Unauthorized
1045	FORBIDDEN	Forbidden Access	Forbidden Access
	TRANSAC-		
1046	TION-ALREADY-CAPTURED	Transaction already captured	Transaction already captured
	D		
1047	AUTHORIZED	Transaction authorized	Transaction authorized
1048	CAPTURED	Transaction captured	Transaction captured
1049	VOIDED	Transaction voided	Transaction voided
	NO-RECORD-FOUND	No data record found for the given input	No data record found for the given input
1050			
1051	ACQUIRE-R-ERROR	Error occurred at the bank end	Error occurred at the bank end
1052	INVALID-EMAIL	Invalid Email ID	Invalid Email ID
1053	INVALID-PHONE	Invalid phone number	Invalid phone number
	SEAMLESS-NOT-ALLOWED		
1055	D	Seamless payment not allowed	Seamless payment not allowed
1056	SESSION-TIMEOUT	Session expired. Please go back and try again.	Session expired. Please go back and try again.
1057	INVALID-VPA	Virtual Payee Address is invalid	Virtual Payee Address is invalid
1058	3DS-FAILED	3D Secure authentication failed	3D Secure authentication failed
	ACCOUNT-BLOCKED		
1058	T-BLOCKED	Bank Account is blocked	Bank Account is blocked

	ACQUIRE		
1059	R-MAX- TRANSAC TION- LIMIT	Transaction amount limit has exceeded	Transaction amount limit has exceeded
1060	ACQUIRE R-MIN- TRANSAC TION- LIMIT	The amount provide is less than minimum transaction amount allowed	The amount provide is less than minimum transaction amount allowed
1061	R- VELOCITY -LIMIT	Transaction frequency limit has exceeded	Transaction frequency limit has exceeded
1062	CARD- EXPIRED	Card has expired	Card has expired
1063	HOTLISTE D	Stolen or Lost Card	Stolen or Lost Card
1064	INACTIVE -CARD	The card is inactive	The card is inactive
1065	INCORRE CT-PIN	Incorrect PIN	Incorrect PIN
1066	INSUFFICI ENT- BALANCE	Insufficient Balance	Insufficient Balance
1068	INVALID- BIN	Bin not found	Bin not found
1069	INVALID- CARDHOL DER- NAME	Invalid card holder name	Invalid card holder name
1070	INVALID- CARD- INFO	Invalid brand or bin range not enabled	Invalid brand or bin range not enabled
1071	INVALID- INPUT- DATA	Invalid input data	Invalid input data
1072	ISSUER- DECLINE	Payment decline by bank	Payment decline by bank
1073	ISSUER- DISALLO WED	Transaction not allowed by the issuer	Transaction not allowed by the issuer
1074	ISSUER- ERROR	Payment processing failed due to error at bank	Payment processing failed due to error at bank
1075	ISSUER- LIMIT- DECLINE	Exceeds withdrawal frequency or count limit	Exceeds withdrawal frequency or count limit
1076	MAX- RETRIES	Maximum number of PIN retries exceeded	Maximum number of PIN retries exceeded

1077	OTP-LIMIT-EXCEEDED	OTP validation attempts limit exceeded	OTP validation attempts limit exceeded
1078	PIN-ATTEMPT-S-EXCEEDED	PIN attempts limit exceeded	PIN attempts limit exceeded
1079	RESTRICTED-CARD	Restricted card	Restricted card
1080	SUSPECTED-FRAUD	Suspected fraud	Suspected fraud
1081	TIMEOUT	Payment was not completed on time	Payment was not completed on time
1082	UPI-PIN-NOT-SET	UPI PIN is not set	UPI PIN is not set
1083	UPI-REQUEST-EXPIRED	UPI request expired	UPI request expired
1084	USER-BACK-REFRESH	User pressed refresh button	User pressed refresh button
1085	ACQUIRE-R-DOWN	Payment acquirer is down	Payment acquirer is down
1086	TOO-MANY-RECORDS	Response contains too many records, use pagination	Too many records
1087	NOT-ENOUGH-PARAMETERS	Not enough parameters to get response, add one or more optional parameters	Not enough parameters, try adding one or more optional parameters
1088	TRANSACTION-IN-PROCESS	We are processing your transaction	We are processing your transaction
1089	INVALID-ACCESS-TOKEN	Invalid access token	Invalid access token
1090	TEST-MODE-DISABLED	The test mode access is not allowed	The test mode access is not allowed
1091	INVALID-TRANSFER-TYPE	The disbursement transfer type is not allowed	The disbursement transfer type is not allowed
1092	INACTIVE-ACCOUNT	The customers account is inactive	The customers account is inactive

1093	INVALID- ACCOUN T	The customers account is invalid	The customers account is invalid
1094	TRANSAC TION- COUNT- EXCEEDE D	Transaction count limit has exceeded for the customer	Transaction count limit has exceeded for the customer
1095	AMOUNT - MISMAT CH	Transaction tampered	Transaction amount mismatch in payment response