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V.1.0.3

API TRANSACTION

SERVICE DOCUMENT [ENGLISH]

+66.2.107.7788	@chillpay	chillpay payment gateway
CS.CHILLPAY	@ChillPay_VI	help@chillpay.co

Contents

1. Search Payment Transaction

Service Name: Search Payment Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/payment/search

[PROD] https://api-transaction.chillpay.co/api/v1/payment/search

Method: POST

Description: A service used for searching for payment transactions

- The main Merchant can search for sub-Merchants.
- The sub-Merchant can only search for its shop.

Table 1.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 1.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	OrderBy	string	Sort by column *Default is TransactionId TransactionId, TransactionDate, Merchant, Customer, OrderNo, PaymentChannel, PaymentDate, Amount, Fee, Discount, TotalAmount, RouteNo, Status, Settled
2	OrderDir	string	Order direction *Default is DESC ASC (smaller to larger), DESC (larger to smaller)
3	PageSize	number	Number of records per page (1-100) *Default is 10
4	PageNumber	number	Page number *Default is 1
5	SearchKeyword	string(255)	Text or wording used for searching
6	MerchantCode	string	Merchant code used for searching *Default is All Merchant
7	PaymentChannel	string	Payment channel (Appendix B)
8	RouteNo	number	Payment route
9	OrderNo	string(20)	Merchant's reference number for the transaction
10	Status	string	Payment transaction status (Appendix A)
11	TransactionDateFrom	string	Transaction date (from) [dd/MM/yyyy HH:mm:ss]

12	TransactionDateTo	string	Transaction date (to) [dd/MM/yyyy HH:mm:ss]
13	PaymentDateFrom	string	Payment date (from) [dd/MM/yyyy HH:mm:ss]
14	PaymentDateTo	string	Payment date (to) [dd/MM/yyyy HH:mm:ss]
15	Checksum	string(32)	**(required)** Results from encoding all values

Example Search Payment Transaction (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/payment/search");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""OrderBy"": ""TransactionId"", ""OrderDir"": ""DESC"", ""PageSize"": null, ""PageNumber"":
null, ""SearchKeyword"": null, ""MerchantCode"": null, ""PaymentChannel"": ""Credit Card"", ""RouteNo"":
null, ""OrderNo"": null, ""Status"": null, ""TransactionDateFrom"": ""01/02/2021 00:00:00"",
""TransactionDateTo"": null, ""PaymentDateFrom"": null, ""PaymentDateTo"": null, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 1.2 (No. 1-14) and attach with MD5 Secret Key (received from ChillPay), as follows:

  OrderBy + OrderDir + PageSize + PageNumber + SearchKeyword + MerchantCode + PaymentChannel + RouteNo + OrderNo + Status + TransactionDateFrom + TransactionDateTo + PaymentDateFrom + PaymentDateTo + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.
  Example Data concatenation for function MD5
  TransactionIdDESCCredit Card01/02/2021 00:00:00AAABBBCCCDDD

Table 1.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	totalRecord	number	Total records
2	pageSize	number	Number of records per page
3	pageNumber	number	Page number
4	filteredRecord	number	Number of records in current page
5	status	string	Status Code (Appendix C)
6	message	string	Status Message (Appendix C)

7	data[].transactionId	number	ChillPay's reference number of the transaction
8	data[].transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
9	data[].merchant	string	Merchant name
10	data[].customer	string	Reference code or customer's name
11	data[].orderNo	string	Merchant's reference number for the transaction
12	data[].paymentChannel	string	Payment channel
13	data[].paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]
14	data[].amount	string	Amount for goods/services [#,##0.00]
15	data[].fee	string	Fee [#,##0.00]
16	data[].discount	string	Discount [#,##0.00]
17	data[].totalAmount	string	Total amount [#,##0.00]
18	data[].currency	string	Currency (Appendix D)
19	data[].routeNo	number	Payment route
20	data[].status	string	Payment transaction status
21	data[].settled	boolean	Merchant's payment transfer status [True, False]

Example Response Message Data (JSON)


```
{
  "totalRecord": 264,
  "pageSize": 10,
  "pageNumber": 1,
  "filteredRecord": 10,
  "status": 200,
  "message": "Success",
  "data": [
    {
      "transactionId": 115309,
      "transactionDate": "03/03/2022 15:27:53",
      "merchant": "Bank Industries",
      "customer": "AA",
      "orderNo": "O1",
      "paymentChannel": "Credit Card",
      "paymentDate": "03/03/2022 15:28:11",
      "amount": "5,000.00",
      "fee": "15.00",
      "discount": "0.00",
      "totalAmount": "5,015.00",
      "currency": "THB",
```

```
        "routeNo": 3,
        "status": "Fail",
        "settled": false
    },
    ...
]
}
```


2. Search Settlement Transaction

Service Name: Search Settlement Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/settlement/search

[PROD] https://api-transaction.chillpay.co/api/v1/settlement/search

Method: POST

Description: A service used for searching for settlement transactions

- The most recent transactions displayed are the transactions occurred in the present day -1
- The main Merchant can search for sub-Merchants.
- The sub-Merchant can only search for its shop.

Table 2.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 2.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	OrderBy	string	Sort by column *Default is TransactionId TransactionId, TransactionDate, PaymentDate, Merchant, Customer, OrderNo, PaymentChannel, Amount, Fee, NetAmount, ExchangeRate, Settled, Discount, RouteNo
2	OrderDir	string	Order direction *Default is DESC ASC (smaller to larger), DESC (larger to smaller)
3	PageSize	number	Number of records per page (1-100) *Default is 10
4	PageNumber	number	Page number *Default is 1
5	SearchKeyword	string(255)	Text or wording used for searching

6	MerchantCode	string	Merchant code used for searching *Default is all merchant
7	PaymentChannel	string	Payment channel (Appendix B)
8	RouteNo	number	Payment route
9	OrderNo	string(20)	Merchant's reference number for the transaction
10	Settled	boolean	Merchant's payment transfer status [True, False]
11	TransactionDateFrom	string	Transaction date (from) [dd/MM/yyyy HH:mm:ss]
12	TransactionDateTo	string	Transaction date (to) [dd/MM/yyyy HH:mm:ss]
13	PaymentDateFrom	string	Payment date (from) [dd/MM/yyyy HH:mm:ss]
14	PaymentDateTo	string	Payment date (to) [dd/MM/yyyy HH:mm:ss]
15	Checksum	string(32)	**(required)** Results from encoding all values

Example Search Settlement Transaction (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/settlement/search");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""OrderBy"": ""TransactionId"", ""OrderDir"": ""DESC"", ""PageSize"": null, ""PageNumber"":
null, ""SearchKeyword"": null, ""MerchantCode"": null, ""PaymentChannel"": null, ""RouteNo"": null,
""OrderNo"": null, ""Settled"": true, ""TransactionDateFrom"": null, ""TransactionDateTo"": null,
""PaymentDateFrom"": null, ""PaymentDateTo"": null, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 3.2 (No. 1-9) and attach with MD5 Secret Key (received from ChillPay), as follows:

  OrderBy + OrderDir + PageSize + PageNumber + SearchKeyword + MerchantCode + PaymentChannel + RouteNo + OrderNo + Settled + TransactionDateFrom + TransactionDateTo + PaymentDateFrom + PaymentDateTo + MD5 Secret Key

  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.

  Example Data concatenation for function MD5
  TransactionIdDESCTrueAAABBBCCCDDD

- In the case that the Merchant wants to submit the settled value, the conditions are as follows:
  - If True, set the value when finding Checksum to "True"
  - If False, set the value when finding Checksum to "False"

Table 2.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	totalRecord	number	Total records
2	pageSize	number	Number of records per page
3	pageNumber	number	Page number
4	filteredRecord	number	Number of records in current page
5	status	string	Status Code (Appendix C)
6	message	string	Status Message (Appendix C)
7	data[].transactionId	number	ChillPay's reference number of the transaction
8	data[].transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
9	data[].paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]
10	data[].merchant	string	Merchant name
11	data[].customer	string	Reference code or customer's name
12	data[].orderNo	string	Merchant's reference number for the transaction
13	data[].paymentChannel	string	Payment channel
14	data[].routeNo	number	Payment route
15	data[].amount	string	Amount for goods/services [#,##0.00]
16	data[].fee	string	Fee [#,##0.00]
17	data[].totalAmount	string	Total amount [#,##0.00]
18	data[].currency	string	Currency (Appendix D)
19	data[].exchangeRate	string	Exchange rate [#,##0.00]
20	data[].discount	string	Discount [#,##0.00]
21	data[].netAmount	string	Net amount [#,##0.00]
22	data[].serviceAmount	string	Service fee [#,##0.00]
23	data[].serviceVAT	string	Service tax [#,##0.00]
24	data[].serviceWHT	string	Withholding tax (WHT) [#,##0.00]
25	data[].settleAmount	string	Settled amount to transfer to the Merchant [#,##0.00]
26	data[].settled	boolean	Merchant's payment transfer status [True, False]

Example Response Message Data (JSON)


```
{
  "totalRecord": 106,
  "pageSize": 10,
  "pageNumber": 1,
  "filteredRecord": 10,
  "status": 200,
  "message": "Success",
  "data": [
    {
      "transactionId": 114705,
      "transactionDate": "17/01/2022 15:00:46",
      "paymentDate": "17/01/2022 15:01:44",
      "merchant": "Bank Industries",
      "customer": "cus100005",
      "orderNo": "order20211216101345",
      "paymentChannel": "Credit Card",
      "routeNo": 3,
      "amount": "3,500.00",
      "fee": "15.00",
      "totalAmount": "3,515.00",
      "currency": "THB",
      "exchangeRate": "1.00",
      "discount": "0.00",
      "netAmount": "3,515.00",
      "serviceAmount": "113.75",
      "serviceVAT": "7.96",
      "serviceWHT": "3.41",
      "settleAmount": "3,381.70",
      "settled": false
    },
    ...
  ]
}
```

3. Search Void Transaction

Service Name: Search Void Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/void/search

[PROD] https://api-transaction.chillpay.co/api/v1/void/search

Method: POST

Description: A service used for searching for void transactions

- The main Merchant can search for sub-Merchants.
- The sub-Merchant can only search for its shop.

Table 3.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 3.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	OrderBy	string	Sort by column *Default is TransactionId TransactionId, TransactionDate, Merchant, Customer, OrderNo, PaymentChannel, PaymentDate, Amount, Fee, TotalAmount, RouteNo, Status
2	OrderDir	string	Order direction *Default is DESC ASC (smaller to larger), DESC (larger to smaller)
3	PageSize	Number	Number of records per page (1-100) *Default is 10
4	PageNumber	Number	Page number *Default is 1
5	SearchKeyword	string(255)	Text or wording used for searching
6	MerchantCode	string	Merchant code used for searching
7	OrderNo	string(20)	Merchant's reference number for the transaction
8	Status	string	Payment transaction status (Appendix A)
9	TransactionDateFrom	string	Transaction date (from) [dd/MM/yyyy HH:mm:ss]
10	TransactionDateTo	string	Transaction date (to) [dd/MM/yyyy HH:mm:ss]
11	Checksum	string(32)	**(required)** Results from encoding all values

Example Search Void Transaction (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/void/search");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""OrderBy"": ""TransactionId"", ""OrderDir"": ""DESC"", ""PageSize"": null, ""PageNumber"":
null, ""SearchKeyword"": null, ""MerchantCode"": null, ""OrderNo"": null, ""Status"": null,
""TransactionDateFrom"": null, ""TransactionDateTo"": null, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 3.2 (No. 1-10) and attach with MD5 Secret Key (received from ChillPay), as follows:

  OrderBy + OrderDir + PageSize + PageNumber + SearchKeyword + MerchantCode + OrderNo + Status + TransactionDateFrom + TransactionDateTo + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.

  Example Data concatenation for function MD5

  TransactionIdDESCAAABBBCCCDDD

Table 3.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	totalRecord	number	Total records
2	pageSize	number	Number of records per page
3	pageNumber	number	Page number
4	filteredRecord	number	Number of records in current page
5	status	string	Status Code (Appendix C)
6	message	string	Status Message (Appendix C)
7	data[].transactionId	number	ChillPay's reference number of the transaction
8	data[].transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
9	data[].merchant	string	Merchant name
10	data[].customer	string	Reference code or customer's name
11	data[].orderNo	string	Merchant's reference number for the transaction
12	data[].paymentChannel	string	Payment channel

13	data[].paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]
14	data[].amount	string	Amount for goods/services [#,##0.00]
15	data[].fee	string	Fee [#,##0.00]
16	data[].totalAmount	string	Total amount [#,##0.00]
17	data[].currency	string	Currency (Appendix C)
18	data[].routeNo	number	Payment route
19	data[].serviceFee	string	Service fee [#,##0.00]
20	data[].status	string	Payment transaction status

Example Response Message Data (JSON)


```
{
  "totalRecord": 1,
  "pageSize": 10,
  "pageNumber": 1,
  "filteredRecord": 1,
  "status": 200,
  "message": "Success",
  "data": [
    {
      "transactionId": 115006,
      "transactionDate": "03/02/2022 11:50:39",
      "merchant": "Bank Industries",
      "customer": "cus100005",
      "orderNo": "order20211216101345",
      "paymentChannel": "Credit Card",
      "paymentDate": "04/03/2022 16:10:31",
      "amount": "3,500.00",
      "fee": "15.00",
      "totalAmount": "3,515.00",
      "currency": "THB",
      "routeNo": 3,
      "serviceFee": "0.00",
      "status": "Void Requested"
    }
  ]
}
```

4. Search Refund Transaction

Service Name: Search Refund Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/refund/search

[PROD] https://api-transaction.chillpay.co/api/v1/refund/search

Method: POST

Description: A service used for searching for refund transactions

- The main Merchant can search for sub-Merchants.
- The sub-Merchant can only search for its shop.

Table 4.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 4.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	OrderBy	string	Sort by column *Default is TransactionId TransactionId, TransactionDate, Merchant, Customer, OrderNo, PaymentChannel, PaymentDate, Amount, Fee, TotalAmount, RouteNo, Status
2	OrderDir	string	Order direction *Default is DESC ASC (smaller to larger), DESC (larger to smaller)
3	PageSize	number	Number of records per page (1-100) *Default is 10
4	PageNumber	number	Page number *Default is 1
5	SearchKeyword	string(255)	Text or wording used for searching
6	MerchantCode	string	Merchant code used for searching
7	OrderNo	string(20)	Merchant's reference number for the transaction
8	Status	string	Payment transaction status (Appendix A)
9	TransactionDateFrom	string	Transaction date (from) [dd/MM/yyyy HH:mm:ss]
10	TransactionDateTo	string	Transaction date (to) [dd/MM/yyyy HH:mm:ss]
11	Checksum	string(32)	**(required)** Results from encoding all values

Example Search Refund Transaction (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/refund/search");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""OrderBy"": ""TransactionId"", ""OrderDir"": ""DESC"", ""PageSize"": null, ""PageNumber"":
null, ""SearchKeyword"": null, ""MerchantCode"": null, ""OrderNo"": null, ""Status"": null,
""TransactionDateFrom"": null, ""TransactionDateTo"": null, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 4.2 (No. 1-10) and attach with MD5 Secret Key (received from ChillPay), as follows:

  OrderBy + OrderDir + PageSize + PageNumber + SearchKeyword + MerchantCode + OrderNo + Status + TransactionDateFrom + TransactionDateTo + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.

  Example Data concatenation for function MD5

  TransactionIdDESCAAABBBCCCDDD

Table 4.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	totalRecord	number	Total records
2	pageSize	number	Number of records per page
3	pageNumber	number	Page number
4	filteredRecord	number	Number of records in current page
5	status	string	Status Code (Appendix C)
6	message	string	Status Message (Appendix C)
7	data[].transactionId	number	ChillPay's reference number of the transaction
8	data[].transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
9	data[].merchant	string	Merchant name
10	data[].customer	string	Reference code or customer's name
11	data[].orderNo	string	Merchant's reference number for the transaction
12	data[].paymentChannel	string	Payment channel

13	data[].paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]
14	data[].amount	string	Amount for goods/services [#,##0.00]
15	data[].fee	string	Fee [#,##0.00]
16	data[].totalAmount	string	Total amount [#,##0.00]
17	data[].currency	string	Currency (Appendix D)
18	data[].routeNo	number	Payment route
19	data[].serviceFee	string	Service fee [#,##0.00]
20	data[].status	string	Payment transaction status

Example Response Message Data (JSON)


```
{
  "totalRecord": 6,
  "pageSize": 10,
  "pageNumber": 1,
  "filteredRecord": 6,
  "status": 200,
  "message": "Success",
  "data": [
    {
      "transactionId": 41613,
      "transactionDate": "24/09/2020 19:58:01",
      "merchant": "Bank Industries",
      "customer": "TEST",
      "orderNo": "21",
      "paymentChannel": "Credit Card",
      "paymentDate": "24/09/2020 19:58:55",
      "amount": "20,000.00",
      "fee": "650.00",
      "totalAmount": "20,650.00",
      "currency": "THB",
      "routeNo": 1,
      "serviceFee": "650.00",
      "status": "Refund Requested"
    },
    ...
  ]
}
```

5. Get Payment Transaction Details

Service Name: Get Payment Transaction Details

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/payment/details

[PROD] https://api-transaction.chillpay.co/api/v1/payment/details

Method: POST

Description: A service used for searching for refund transactions

- The main Merchant can search for sub-Merchants.
- The sub-Merchant can only search for its shop.

Table 5.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 5.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	TransactionId	number	**(required)** CHILLPAY'S REFERENCE NUMBER OF THE TRANSACTION
2	Checksum	string(32)	**(required)** RESULTS FROM ENCODING ALL VALUES

Example Get Payment Transaction Details (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/payment/details");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""TransactionId"": 1, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 5.2 (No. 1) and attach with MD5 Secret Key (received from ChillPay), as follows:

  TransactionId + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.

  Example Data concatenation for function MD5

  1AAABBBCCCDDD

Table 5.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	status	string	Status Code (Appendix C)
2	message	string	Status Message (Appendix C)
3	data[].transactionId	number	ChillPay's reference number of the transaction
4	data[].merchant	string	Merchant name
5	data[].paymentChannel	string	Payment channel
6	data[].amount	string	Amount for goods/services [#,##0.00]
7	data[].fee	string	Fee [#,##0.00]
8	data[].discount	string	Discount [#,##0.00]
9	data[].totalAmount	string	Total amount [#,##0.00]
10	data[].orderNo	string	Merchant's reference number for the transaction
11	data[].customer	string	Reference code or customer's name
12	data[].phoneNumber	string	Customer's telephone number
13	data[].languageCode	string	Language code
14	data[].status	string	Payment transaction status
15	data[].currency	string	Currency (Appendix D)
16	data[].ipAddress	string	Customer's IP address
17	data[].merchantResponseCode	string	Merchant's response code
18	data[].merchantResponseMessage	string	Merchant's response message
19	data[].paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]

20	data[].transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
21	data[].description	string	Payment description
22	data[].settled	boolean	Merchant's payment transfer status [True, False]

Example Response Message Data (JSON)


```
{
  "status": 200,
  "message": "Success",
  "data": {
    "transactionId": 115006,
    "merchant": "Bank Industries",
    "paymentChannel": "Credit Card",
    "amount": "3,500.00",
    "fee": "15.00",
    "discount": "0.00",
    "totalAmount": "3,515.00",
    "orderNo": "order20211216101345",
    "customer": "cus100005",
    "phoneNumber": "0822318917",
    "languageCode": "TH",
    "status": "Void Requested",
    "currency": "THB",
    "ipAddress": "171.103.196.214",
    "merchantResponseCode": "200",
    "merchantResponseMessage": "Send data to merchant completed",
    "paymentDate": "04/03/2022 16:10:31",
    "transactionDate": "03/02/2022 11:50:39",
    "description": " ",
    "settled": false
  }
}
```

6. Request Void Transaction

Service Name: Request Void Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/void/request

[PROD] https://api-transaction.chillpay.co/api/v1/void/request

Method: POST

Description: A service used for requesting to void the transaction in the case that the transaction hasn't settled.

- The main Merchant can void the transactions for its sub-Merchants.

- The sub-Merchant can only void the transactions for its shop.

Table 6.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 6.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	TransactionId	number	**(required)** ChillPay's reference number of the transaction
2	Checksum	string(32)	**(required)** Results from encoding all values

Example Request Void Transaction (Code in C# .NET)

```
var client = new RestClient("https://api-transaction.chillpay.co/api/v1/void/request");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""TransactionId"": 1, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 6.2 (No. 1) and attach with MD5 Secret Key (received from ChillPay), as follows:

  TransactionId + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.

  Example Data concatenation for function MD5

  1AAABBBCCCDDD

Table 6.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	status	string	Status Code (Appendix C)
2	message	string	Status Message (Appendix C)
3	data.transactionId	number	ChillPay's reference number of the transaction
4	data.transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
5	data.merchant	string	Merchant name
6	data.customer	string	Reference code or customer's name
7	data.orderNo	string	Merchant's reference number for the transaction
8	data.paymentChannel	string	Payment channel
9	data.paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]
10	data.amount	string	Amount for goods/services [#,##0.00]
11	data.fee	string	Fee [#,##0.00]
12	data.totalAmount	string	Total amount [#,##0.00]
13	data.currency	string	Currency (Appendix D)
14	data.routeNo	number	Payment route
15	data.serviceFee	string	Service fee [#,##0.00]
16	data.status	string	Payment transaction status

Example Response Message Data (JSON)


```
{
  "status": 200,
  "message": "Success",
  "data": {
    "transactionId": 115006,
    "transactionDate": "03/02/2022 11:50:39",
    "merchant": "Bank Industries",
    "customer": "cus100005",
    "orderNo": "order20211216101345",
    "paymentChannel": "Credit Card",
    "paymentDate": "10/03/2022 12:22:54",
    "amount": "3,500.00",
    "fee": "15.00",
    "totalAmount": "3,515.00",
    "currency": "THB",
    "routeNo": 3,
    "serviceFee": "0.00",
    "status": "Void Requested"
  }
}
```


7. Request Refund Transaction

Service Name: Request Refund Transaction

URL: **[SANDBOX]** https://sandbox-api-transaction.chillpay.co/api/v1/refund/request

[PROD] https://api-transaction.chillpay.co/api/v1/refund/request

Method: POST

Description: A service used for requesting refund transaction in the case that the transaction has been settled.

- The main Merchant can request the refund for its sub-Merchants.

- The sub-Merchant can only request the refund for its shop.

Table 7.1 Request Header Parameters

No.	Parameter Name	Type	Description
1	Content-Type	string	**(required)** application/json
2	CHILLPAY-MerchantCode	string	**(required)** Merchant Code issued by ChillPay
3	CHILLPAY-ApiKey	string	**(required)** Reference code issued by ChillPay for connecting to the system

Table 7.2 Request Body Parameters

No.	Parameter Name	Type	Description
1	TransactionId	number	**(required)** ChillPay's reference number of the transaction
2	Checksum	string(32)	**(required)** Results from encoding all values

Example Request Refund Transaction (Code in C# .NET)

```
var client = new RestClient("https://sandbox-api-transaction.chillpay.co/api/v1/refund/request");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("CHILLPAY-MerchantCode", "xxx");
request.AddHeader("CHILLPAY-ApiKey", "xxx");
request.AddHeader("Content-Type", "application/json");
var body = @"{""TransactionId"": 1, ""Checksum"": ""xxx""}";
request.AddParameter("application/json", body, ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Remarks

- Checksum value is a concatenation of all values from the parameters in Table 7.2 (No. 1) and attach with MD5 Secret Key (received from ChillPay), as follows:

  TransactionId + MD5 Secret Key
  Later, encode all this sequenced data with function MD5 Hashing to get Checksum value.
  Example Data concatenation for function MD5
  1AAABBBCCCDDD

Table 7.3 Response Message Parameters

No.	Parameter Name	Type	Description
1	status	string	Status Code (Appendix C)
2	message	string	Status Message (Appendix C)
3	data.transactionId	number	ChillPay's reference number of the transaction
4	data.transactionDate	string	Transaction date [dd/MM/yyyy HH:mm:ss]
5	data.merchant	string	Merchant name
6	data.customer	string	Reference code or customer's name
7	data.orderNo	string	Merchant's reference number for the transaction
8	data.paymentChannel	string	Payment channel
9	data.paymentDate	string	Payment date [dd/MM/yyyy HH:mm:ss]

10	data.amount	string	Amount for goods/services [#,##0.00]
11	data.fee	string	Fee [#,##0.00]
12	data.totalAmount	string	Total amount [#,##0.00]
13	data.currency	string	Currency (Appendix D)
14	data.routeNo	number	Payment route
15	data.serviceFee	string	Service fee [#,##0.00]
16	data.status	string	Payment transaction status

Example Response Message Data (JSON)


```
{
  "status": 200,
  "message": "Success",
  "data": {
    "transactionId": 115007,
    "transactionDate": "03/02/2022 11:50:39",
    "merchant": "Bank Industries",
    "customer": "cus100005",
    "orderNo": "order20211216101345",
    "paymentChannel": "Credit Card",
    "paymentDate": "04/03/2022 16:10:31",
    "amount": "3,500.00",
    "fee": "15.00",
    "totalAmount": "3,515.00",
    "currency": "THB",
    "routeNo": 3,
    "serviceFee": "113.75",
    "status": "Refund Requested"
  }
}
```

Appendix

Appendix A. Payment Transaction Status

No.	Status Message	Description
1	Success	Successful transaction
2	Fail	Failed/Incomplete transaction
3	Cancel	Customer cancelled the transaction
4	Error	An error occurred during the transaction
5	Request	Pending to receive the amount for goods/services
6	Void Requested	Successful request for void transaction
7	Voided	Successful voided transaction
8	Refund Requested	Successful refunded request
9	Refunded	Successful refunded transaction

Appendix B. Payment Channel

No.	Text	Description
1	CREDIT CARD	Credit and debit card
2	INSTALLMENT KBANK	Installment payment with KasikornBank
3	KTC FLEXI	Installment payment with KTC (Krung Thai Bank)
4	INSTALLMENT KRUNGSRI	Installment payment with Krungsri (Bank of Ayudhya)
5	INSTALLMENT SCB	Installment payment with SCB (Siam Commercial Bank)
6	FIRST CHOICE	Installment payment with Krungsri First Choice card
7	KTC FOREVER	Point redemption (KTC)
8	BAY	Bank of Ayudhya Public Company Limited
9	BBL	Bangkok Bank Public Company Ltd.
10	SCB	Siam Commercial Bank Public Company Ltd.
11	KTB	Krung Thai Bank Public Company Ltd.
12	TTB	TMBThanachart Bank Public Company Limited
13	KPLUS	Kasikornbank Public Company Ltd. (K PLUS)

14	SCB EASY APP	Siam Commercial Bank Public Company Ltd. (SCB Easy App)
15	KMA APP	Bank of Ayudhya Public Company Ltd. (KMA App)
16	BUALUANG MBANKING	Bangkok Bank Public Company Ltd. (Bualuang mBanking)
17	Krungthai Next	Krungthai Bank Public Company Ltd. (Krungthai NEXT)
18	QRCODE	QR Code PromptPay
19	ALIPAY	Alipay
20	WECHATPAY	WeChat Pay
21	LINEPAY	Rabbit Line Pay
22	TRUEMONEY	True Money Wallet
23	SHOPEEPAY	ShopeePay
24	Paotang Pay	Paotang Pay
25	CENPAY	CenPay
26	Counter Bill Payment	Counter Bill Payment
27	BOONTERM	Boonterm Kiosk

Appendix C. Response Message

Status Code	Status Message	Description
200	Success	Successful transaction
1001	InvalidParameter	Invalid parameter
1002	InvalidMerchantCode	Invalid Merchant code
1003	InvalidApiKey	Invalid Merchant reference number
1004	InvalidChecksum	Invalid Checksum code
2001	InvalidMerchantCodeData	Incorrect Merchant code information
2002	InvalidApiKeyData	Incorrect Merchant reference data
2003	InvalidOrderByData	Incorrect data for sorting column
2004	InvalidOrderDirData	Incorrect order direction
2005	InvalidPageSizeData	Incorrect number of records per page
2006	InvalidPageNumberData	Incorrect page number

2007	InvalidSearchKeywordData	Incorrect text or wording used for searching
2008	InvalidPaymentChannelData	Incorrect payment channel
2009	InvalidOrderNoData	Incorrect data for reference number of transaction
2010	InvalidStatusData	Incorrect payment transaction status data
2011	InvalidTransactionDateData	Incorrect transaction date data
2012	InvalidPaymentDateData	Incorrect payment date data
2013	InvalidTransactionIdData	Incorrect ChillPay's reference number data
2014	InvalidChecksumData	Incorrect Checksum data
3001	SearchFailed	Search Failed
3002	TransactionNotFound	Transaction cannot be found
3003	VoidFailed	Void transaction failed
3004	RefundFailed	Refund transaction failed
4001	AccountUnauthorized	Merchant account has not been authorized
4002	SystemError	System error
4003	SystemMaintenanceTime	System is under maintenance period
4004	RequestExceededLimit	Numbers of requests exceed the limit

Appendix D. Currency

No.	Currency	Description
1	THB	Thai Baht (฿)
2	USD	United States (US) Dollar ($)
3	EUR	Euro (€)
4	JPY	Japanese Yen (¥)
5	GBP	Pound Sterling (£)
6	AUD	Australian Dollar ($)
7	NZD	New Zealand Dollar ($)
8	HKD	Hong Kong Dollar ($)
9	SGD	Singapore Dollar ($)

10	CHF	Swiss Franc (CHF)
11	MYR	Malaysian Ringgit (RM)
12	CNY	Chinese Yuan (¥)
13	CAD	Canadian dollar ($)