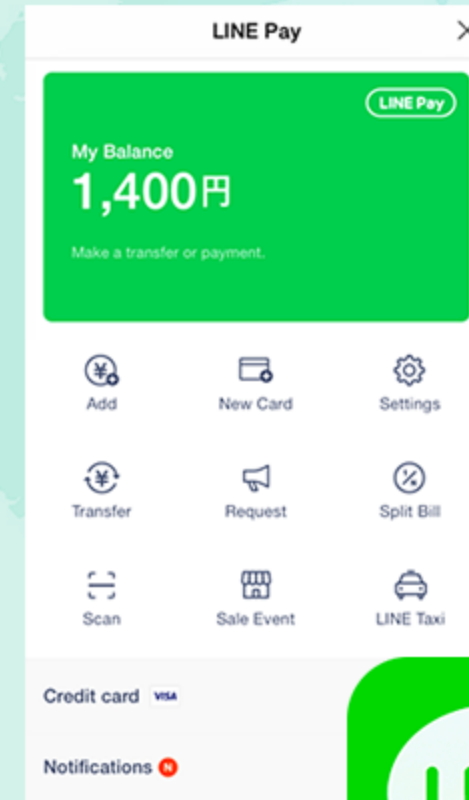# LINE Pay: Overview

LINE Pay

LINE Pay

My Balance
1,400円

Make a transfer or payment.

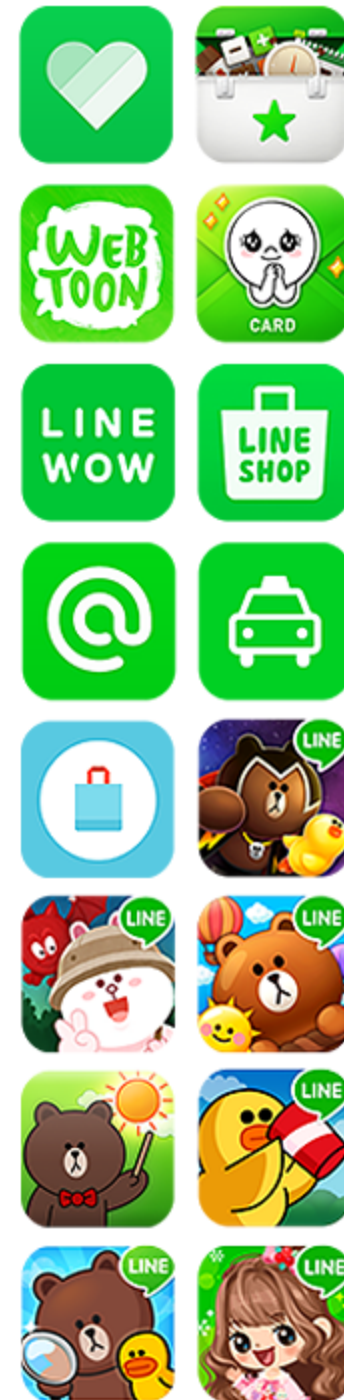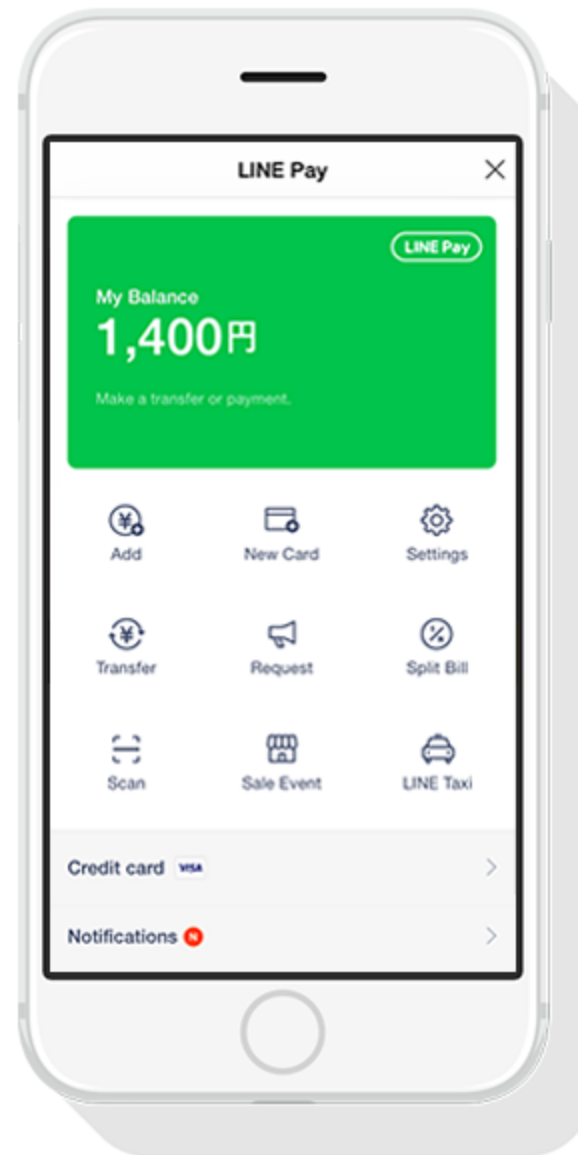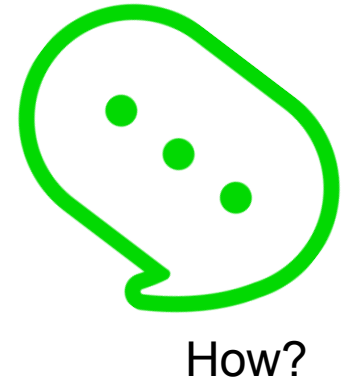| Add | New Card | Settings |
| Transfer | Request | Split Bill |
| Scan | Sale Event | LINE Taxi |

Credit card VISA

Notifications

LINE Pay

LINE
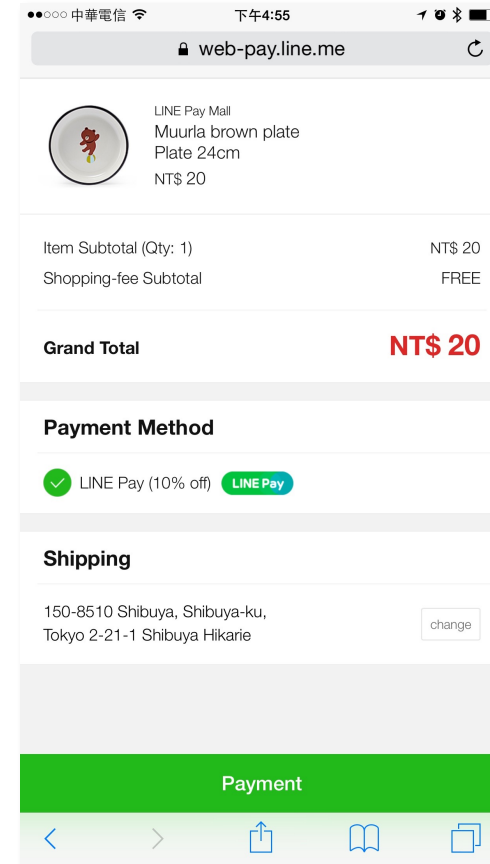
什麼是LINE Pay?
一個全新的支付平台

"LINE Pay 是一個全新的支付平台,提供安全、便捷的支付流程讓您的商店可以直接接觸全台灣 1,700萬LINE用戶"

LINE Pay

如何使用LINE Pay收款

How?

+ LINE Pay =

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🔒 web-pay.line.me   ↻

LINE Pay Mall
Muurla brown plate
Plate 24cm
NT$ 20

Item Subtotal (Qty: 1)   NT$ 20
Shopping-fee Subtotal   FREE

Grand Total   **NT$ 20**

Payment Method

✓ LINE Pay (10% off) LINE Pay

Shipping

150-8510 Shibuya, Shibuya-ku,   change
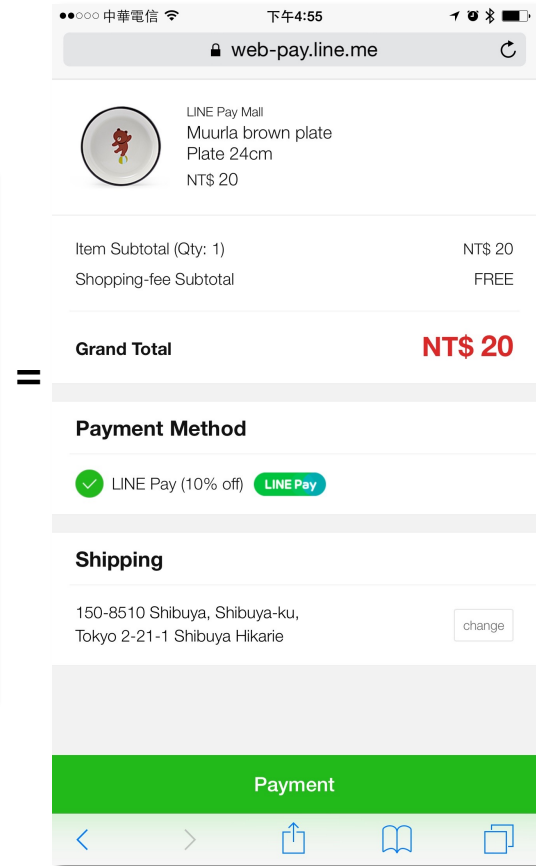Tokyo 2-21-1 Shibuya Hikarie

Payment

如何使用LINE Pay收款

+

API

- reserve(付款 reserve)
- confirm(付款 confirm)
- capture(請款)
- void(授權作廢)
- auth-check(查看授權紀錄)

- payment-check(查看付款紀錄)
- refund(已付款項目退款)
- regKey-check(查看regKey狀態)
- pre-approval(自動付款)
- regKey-expire(註銷regKey)

✓ 一次性付款
✓ 授權/請款付款
✓ 自動付款

=

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🔒 web-pay.line.me 　 ↻

LINE Pay Mall
Muurla brown plate
Plate 24cm
NT$ 20

Item Subtotal (Qty: 1)　　　　　　NT$ 20
Shopping-fee Subtotal　　　　　　FREE

Grand Total　　　　　　　　**NT$ 20**

Payment Method

✓ LINE Pay (10% off)　**LINE Pay**

Shipping

150-8510 Shibuya, Shibuya-ku,　 change
Tokyo 2-21-1 Shibuya Hikarie

Payment

如何使用LINE Pay收款

LINE Pay

+

- **reserve(付款 reserve)**
- **confirm(付款 confirm)**
- capture(請款)
- void(授權作廢)
- auth-check(查看授權紀錄)

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- refund(已付款項目退款)
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API

=

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🔒 web-pay.line.me　　　⟳

LINE Pay Mall
Muurla brown plate
Plate 24cm
NT$ 20

| Item Subtotal (Qty: 1) | NT$ 20 |
| Shopping-fee Subtotal | FREE |

Grand Total　　　　　　　　　**NT$ 20**

Payment Method

✓ LINE Pay (10% off) **LINE Pay**

Shipping

150-8510 Shibuya, Shibuya-ku,
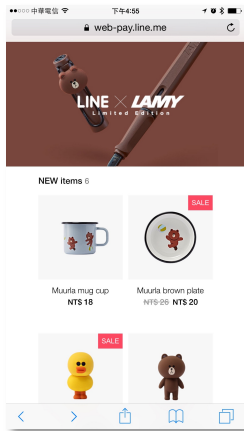Tokyo 2-21-1 Shibuya Hikarie　　change

Payment

‹　›　　⬆　📖　🗗

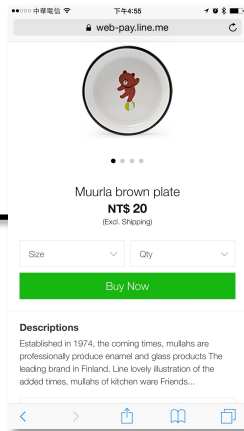只需整合4支API即可完成LINE Pay線上付款功能整合，其中 reserve & confirm為完成付款所需的API，payment-check為查詢已付款交易的API，refund為退款API。
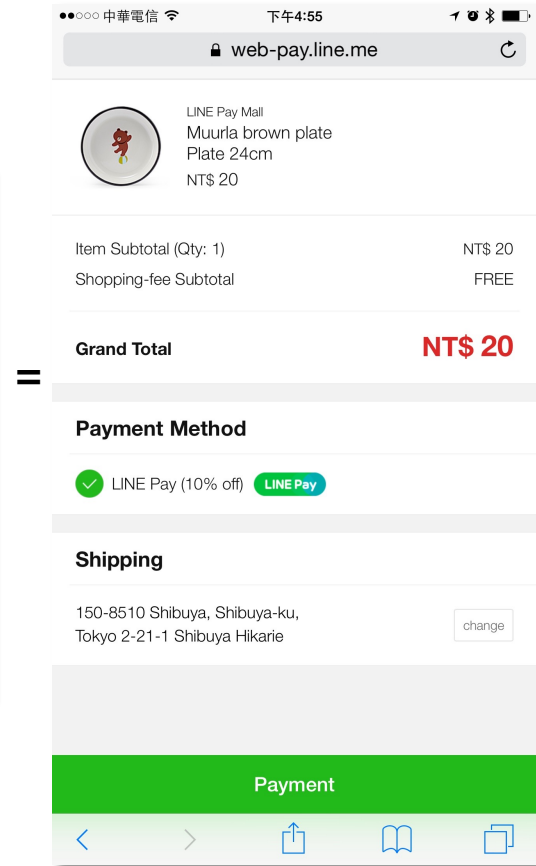
結帳流程

LINE app
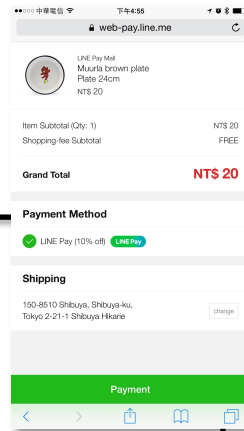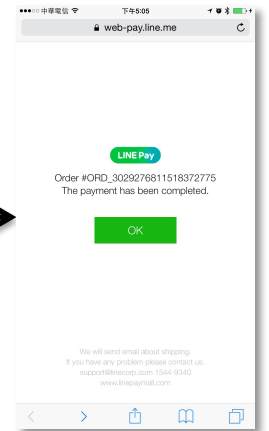
首頁 選擇產品 選擇付款方式 LINE Pay 付款方式 LINE Pay 確認付款 交易完成
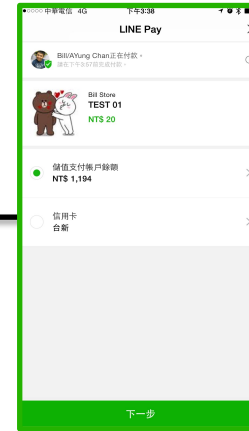
導向LINE App

導回商家網站

Merchant Server

呼叫reserve api

呼叫confirm api

Payment Gateway

LINE Pay Server

LINE Pay API 範例

RESTful API

LINE Pay提供的API為RESTful API, 提供商店server與LINE Pay server作金流串接。
需正確的寫入HTTP方法及需要的Header資訊，並指定sandbox/real的API endpoint來執行API呼叫。

項目	說明
Method	POST
Required Request Header	Content-Type:application/json; charset=UTF-8
	X-LINE-ChannelId:{Integration information - channelId}
	X-LINE-ChannelSecret:{Integration information - channelSecretKey}
Request timeout	connecton: 5秒
	read: 20秒
beta	https://lgw-pay.line-apps-beta.com/v2/payments/request
sandbox	https://sandbox-api-pay.line.me/v2/payments/request
Real	https://api-pay.line.me/v2/payments/request

Reserve API

Send Request Type: POST
Request Header:

```
[
    "Content-Type:application\/json; charset=UTF-8",
    "X-LINE-ChannelId: ********",
    "X-LINE-ChannelSecret: ********"
]
```

Request Content:

```
{
    "productName": "TEST 01...等兩項",
    "productImageUrl": "https:\/\/trial-tw-pay.line.me\/img\/images.jpeg",
    "amount": 360,
    "currency": "TWD",
    "confirmUrl": "https:\/\/trial-tw-pay.line.me:443\/merchant\/Confirm.php?amt=360",
    "cancelUrl": "https:\/\/trial-tw-pay.line.me:443\/merchant",
    "orderId": "gdfgdf454",
    "confirmUrlType": "CLIENT",
    "checkConfirmUrlBrowser": "false",
    "payType": "NORMAL",
    "capture": "true"
}
```

Send Request Url: https://api-pay.line.me/v2/payments/request
Message Return From LINE Pay Server:

```
{
    "returnCode": "0000",
    "returnMessage": "success",
    "info": {
        "paymentUrl": {
            "web": "https:\/\/web-pay.line.me\/web\/payment\/wait?transactionReserveId=MVFra2NLaE9JSUhZbStTUWtHU2xjMzZQWHpLeTlrTnpvVTJrRFdZYkVTdXdVSWU2ZHhlakdPcGpWMVI0SGYzRg",
            "app": "line:\/\/pay\/payment\/MVFra2NLaE9JSUhZbStTUWtHU2xjMzZQWHpLeTlrTnpvVTJrRFdZYkVTdXdVSWU2ZHhlakdPcGpWMVI0SGYzRg"
        },
        "transactionId": 2016020510824221610,
        "paymentAccessToken": "389508600423"
    }
}
```

Confirm API

Send Request Type: POST
Request Header:

```
[
    "Content-Type:application\/json; charset=UTF-8",
    "X-LINE-ChannelId: ********",
    "X-LINE-ChannelSecret: ********"
]
```

Request Content:

```
{
    "amount": "360",
    "currency": "TWD"
}
```

Send Request Url: https://api-pay.line.me/v2/payments/2016020510824221610/confirm
Message Return From LINE Pay Server:

```
{
    "returnCode": "0000",
    "returnMessage": "success",
    "info": {
        "transactionId": 2016020510824221610,
        "orderId": "gdfgdf454",
        "payInfo": [
            {
                "method": "CREDIT_CARD",
                "amount": 360,
                "maskedCreditCardNumber": "************7208"
            }
        ]
    }
}
```

Payment-check API

Send Request Type: GET
Request Header:

```
[
    "Content-Type:application\/json; charset=UTF-8",
    "X-LINE-ChannelId: ********",
    "X-LINE-ChannelSecret: ********"
]
```

Request Content:

```
{
    "transactionId": "2016020510824221610"
}
```

Send Request Url: https://api-pay.line.me/v2/payments?transactionId=2016020510824221610
Message Return From LINE Pay Server:

```
{
    "returnCode": "0000",
    "returnMessage": "success",
    "info": [
        {
            "transactionId": 2016020510824221610,
            "transactionDate": "2016-02-05T09:59:06Z",
            "transactionType": "PAYMENT",
            "productName": "TEST 01...等兩項",
            "currency": "TWD",
            "payInfo": [
                {
                    "method": "CREDIT_CARD",
                    "amount": 360
                }
            ],
            "orderId": "gdfgdf454"
        }
    ]
}
```

Refund API

Send Request Type: POST
Request Header:

```
[
    "Content-Type:application\/json; charset=UTF-8",
    "X-LINE-ChannelId: ********",
    "X-LINE-ChannelSecret: ********"
]
```

Request Content:

Send Request Url: https://api-pay.line.me/v2/payments/2016020510824221610/refund
Message Return From LINE Pay Server:

```
{
    "returnCode": "0000",
    "returnMessage": "success",
    "info": {
        "refundTransactionId": 2016020510825360111,
        "refundTransactionDate": "2016-02-05T10:06:04Z"
    }
}
```

商家帳戶設定

1 註冊付款伺服器IP
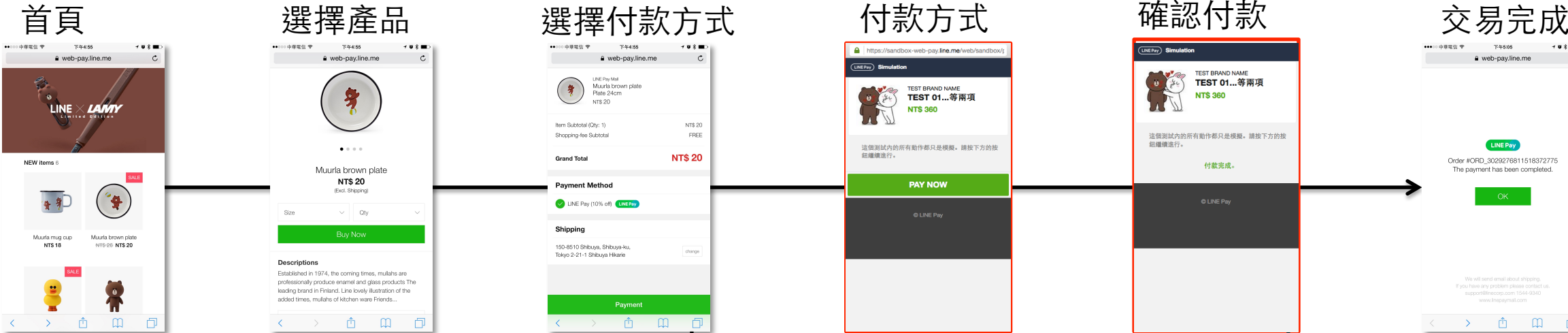
2 獲得商家API金鑰

sandbox流程

首頁　　　　選擇產品　　　　選擇付款方式　　　模擬付款方式　　　模擬確認付款　　　交易完成

導向LINE App　　　　　　　　　導回商家網站

Merchant Server

呼叫reserve api　　　　　　　呼叫confirm api

Payment Gateway

LINE Pay Server

Appendix

LINE Pay

資源參考網站

- LINE Pay 技術連動指南
  https://pay.line.me/tw/intro/techSupport?locale=zh_TW

- LINE Pay Logo使用指南
  https://pay.line.me/tw/intro/logoUsageGuide?locale=zh_TW

- LINE Pay Sample code
  https://github.com/lptw-tech/php-v2.1.0

- LINE Pay API測試站
  https://trial-tw-pay.line.me/merchant/

- LINE Pay Developer – 測試帳號創建
  https://pay.line.me/developers/techsupport/sandbox/creation?locale=zh_TW