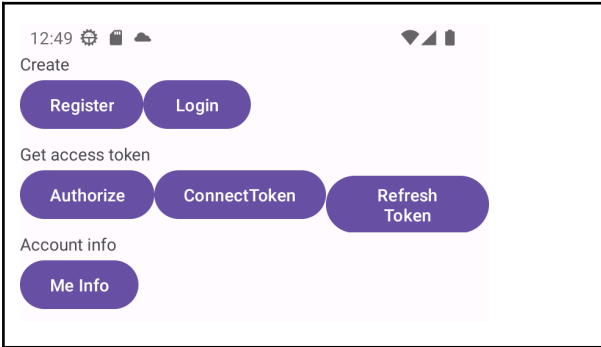


Payment Tutorial

此文件主要在說明 SP Coin Payment 與 Consume SP Coin，並列出三種支付方式

準備

請先參考 [Connect Tool AAR Tutorial-v1.0.0.pdf](#) 完成 Authorize，並確定各項功能正常執行

	確認 Authorize 相關功能無誤
--	---------------------

Payment

GetPurchaseOrderList	
Intent	取得訂單列表
Step	1. 完成 Authorize

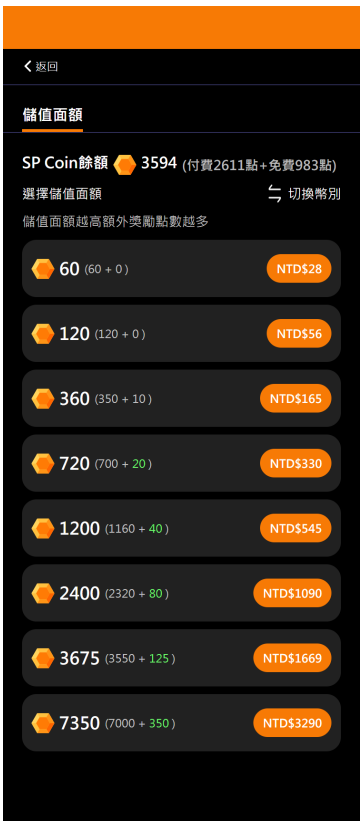
	<div><div><div>2. 點選 Purchase Order List</div><div><div>Payment</div><div><div>Purchase Order List</div><div>Purchase Order</div></div><div><div>Recharge</div></div></div><div><div>Consume</div><div><div>Consume SP test</div><div>Consume SP Link</div></div></div></div><div><div>3. 執行</div><pre>1. connectTool.GetPurchaseOrderList(new GetPurchaseOrderListCallback() 2. { 3. @Override 4. public void callback(PurchaseOrderListResponse value) { 5. Log.v(TAG, "PurchaseOrderListResponse callback : " + value); 6. } 7. } 8. });</pre></div></div>
Responses	<pre>{ "data": [{ "payMethod": 0, "tradeNo": "PAC2023120600000206", "refundNo": "RAC2023120600000206", "spCoin": 60, "rebate": 0, "status": 2, "currencyCode": "TWD", "totalAmt": 28.0000, "createdOn": "2023-12-06T17:01:12.7475359+00:00" }], "status": 1000, "message": null, "detailMessage": null, "requestNumber": "1fbf011f-3188-492a-adc6-f9dc211d4673" }</pre>
	<div>payMethod</div> <div>支付方式 :</div> <div>Prime = 0</div> <div>BindPrime = 1</div> <div>ApplePay = 2</div> <div>GooglePay = 3</div>

	<pre> <-- 200 OK https://r18gameapi.azurewebsites.net/api/Payment/GetPurchaseOrderList Content-Type: application/json; charset=utf-8 Date: Thu, 07 Dec 2023 01:08:20 GMT Server: Microsoft-IIS/10.0 Set-Cookie: ARRAffinity=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6269c651efe Set-Cookie: ARRAffinitySameSite=c661bc2029013d2befd0ea9abe2ca40f03063b63089b626 Transfer-Encoding: chunked X-Signature: P/QH+lYy45LMyeDlefzEY02oThnp4hJx+p5fspPJ1ZWkwtAagzv4u57LEoyq6979EU X-Powered-By: ASP.NET {"data":[{"payMethod":1,"tradeNo":"PAC2023120600000206","refundNo":"RAC2023120600000206","totalAmt":28.0000,"createdOn":"2023-12-06T06:20:38.4599123+00:00"},{"payMethod":0,"tradeNo":"PAC2023120500000167","refundNo":"RAC2023120500000167","totalAmt":56.0000,"createdOn":"2023-12-05T05:43:03.816725+00:00"},{"payMethod":0,"tradeNo":"PAC2023120500000147","refundNo":"RAC2023120500000147","totalAmt":56.0000,"createdOn":"2023-12-05T05:43:03.816725+00:00"},{"payMethod":0,"tradeNo":"PAC2023120100000072","refundNo":"RAC2023120100000072","totalAmt":56.0000,"createdOn":"2023-12-01T00:00:00.0000000+00:00"}]} <-- END HTTP (24501-byte body) </pre>
--	---

GetPurchaseOrderList	
Intent	透過 tradeNo
Step	<ol style="list-style-type: none"> 完成 Authorize 取得 tradeNo 單號 (i.e., PAC2023120300000106) <pre> String tradeNo = "PAC2023120300000106"; _connectTool.GetPurchaseOrderOne(new PurchaseOrderCallback() { @Override public void callback(PurchaseOrderOneResponse value) { Log.v(TAG, "PurchaseOrderOneResponse callback : " + value); } }, tradeNo); </pre>
Responses	<pre> { "data": { "payMethod": 0, "tradeNo": "PAC2023120300000106", "refundNo": "RAC2023120300000106", "spCoin": 60, "rebate": 0, "status": 0, "currencyCode": "TWD", "totalAmt": 28.0000, "createdOn": "2023-12-03T10:34:10.6144973+00:00" } } </pre>

	<pre> }, "status": 1000, "message": null, "detailMessage": null, "requestNumber": "df64e41f-7f05-41b4-9357-c8fb0f216ea0" } </pre>
	<pre> <-- 200 OK https://r18gameapi.azurewebsites.net/api/Payment/GetPurchaseOrder Content-Type: application/json; charset=utf-8 Date: Thu, 07 Dec 2023 01:26:51 GMT Server: Microsoft-IIS/10.0 Set-Cookie: ARRAffinity=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6269c651e Set-Cookie: ARRAffinitySameSite=c661bc2029013d2befd0ea9abe2ca40f03063b63089b6 Transfer-Encoding: chunked Vary: Accept-Encoding X-Signature: Kaar0aCBqov3VjMRlg0x9PdjbHj+W3xR1Ee6vnnYzWYG0oPXpIvybp4NsBINvSPA X-Powered-By: ASP.NET {"data":{"payMethod":0,"tradeNo":"PAC2023120300000106","refundNo":"RAC2023120 </pre>

GetPurchaseOrderList	
Intent	透過 tradeNo
Step	<ol style="list-style-type: none"> 1. 先取得 Me 來更新用戶資訊 2. 開啟RechargeURL <pre> _connectTool.GetMe_Coroutine(new MeCallback() { @Override public void callbackMeInfo(MeInfo value) { Log.v(TAG, "MeInfo callback : " + value.status); _connectTool.OpenRechargeURL(); } }); </pre>
	選擇 SP coin, 目前測試階段幣別僅提供新台幣



確認訂單資訊



選擇付款方式

	<div><div></div><div><div><div>< 返回</div></div><div><div>付款資訊</div><div>付款方式 *</div><div><div><div><input checked="" type="radio"/> 信用卡一次付清</div><div><input type="radio"/> 綁定卡一次付清</div><div><input type="radio"/> ApplePay 付清</div><div><input type="radio"/> GooglePay 付清</div></div></div></div></div></div>
--	---

選擇信用卡付款	
完成卡片資訊填寫, 綁定信用卡為選填	
<div><div></div><div><div>付款資訊</div><div>付款方式 *</div><div><div><input checked="" type="radio"/> 信用卡一次付清</div></div><div>Email address*</div><div>usermail@hmail.com</div><div>visa信用卡號 *</div><div>4111 1111 1111 1111</div><div>有效月年 *</div><div>11 / 28</div><div>背面末三碼 *</div><div>111</div><div><input type="checkbox"/> 同意記住卡號</div><div>下一步</div></div><div><div>取消交易</div><div>進行付款</div></div></div>	<div><div></div><div><div>安全碼</div><div><input checked="" type="checkbox"/> 同意記住卡號</div><div>記住卡號需填寫以下資訊</div><div>持卡人姓名 *</div><div>請輸入卡號上姓名</div><div>持卡人手機號碼 *</div><div>請輸入手機號碼</div><div>持卡人電子信箱 *</div><div>持卡人電子信箱</div><div>消費者的email*</div><div>持卡人電子信箱</div><div>下一步</div></div><div><div>取消交易</div><div>進行付款</div></div></div>

按下進行付款後，請等待數秒後，直接按下"確定"





中國信託網路刷卡驗證服務



特約商店：交流資服股份有限

交易金額：TWD 330.00

(請核對交易金額，提防詐騙)

信用卡號：400361*****7729

交易日期：2023/12/07 09:58:41

我們將發送OTP密碼，請選擇您要接收的裝置

☐ 使用 Home Bank APP 接收驗證碼

☒ 使用手機 0988****99 接收

確定

手機號碼錯誤

取消

●提醒您提高警覺，留意詐騙

●手機號碼正確，請按「確定」進行下一步


●若非您的手機號碼請按「手機號碼錯誤」，並聯絡本行客服中心為您處理

綁定中國信託Homebank APP


↓

Version 2.1.0

OTP 請輸入 1234567，輸入完後進行驗證



中國信託網路刷卡驗證服務



特約商店：交流資服股份有限

交易金額：TWD 330.00

(請核對交易金額，提防詐騙)

信用卡號：400361*****7729

交易日期：2023/12/07 09:58:41

OTP 密碼有效時間為5分鐘

網頁識別碼：hosX

(請核對網頁識別碼後，再輸入OTP密碼)

●請輸入網路刷卡驗證OTP密碼

OTP密碼

驗證

取消

沒有收到簡訊OTP服務密碼？

[重新寄送](#)

綁定中國信託Homebank APP

↓

Version 2.1.0

完成交易



交易成功

付款成功後，請耐心等待到帳；如超過 30 分鐘未到帳，請截圖並聯絡客服。

訂單資訊

交易編號 PAC2023120700000207

儲值品項 720
(付費700點+免費20點)

付款資訊

交易編號 98f246b8-2fb9-4280-9053-69d1dd83a56a

信用卡號 400361*****7729

支付金額 TWD \$330.0000

取得交易完成的訂單資訊

```
String tradeNo = "PAC2023120700000207";
_connectTool.GetPurchaseOrderOne(new PurchaseOrderCallback() {
    @Override
    public void callback(PurchaseOrderOneResponse value) {
        Log.v(TAG, "PurchaseOrderOneResponse callback : " + value);
    }
}, tradeNo);
```

```
{
  "data": {
    "payMethod": 1,
    "tradeNo": "PAC2023120700000207",
    "refundNo": "RAC2023120700000207",
    "spCoin": 700,
    "rebate": 20,
    "status": 2,
    "currencyCode": "TWD",
    "totalAmt": 330.0000,
    "createdOn": "2023-12-07T01:58:35.355383+00:00"
  },
  "status": 1000,
  "message": null,
  "detailMessage": null,
  "requestNumber": "4a544ef9-460b-4a05-a775-7c6a7b3b5810"
}
```


選擇已綁定的信用卡付款

選擇綁定付款後，填入安全碼，測試帶入 111



綁定卡一次付清

信用卡號*

414763*****8405

背面末三碼*

111

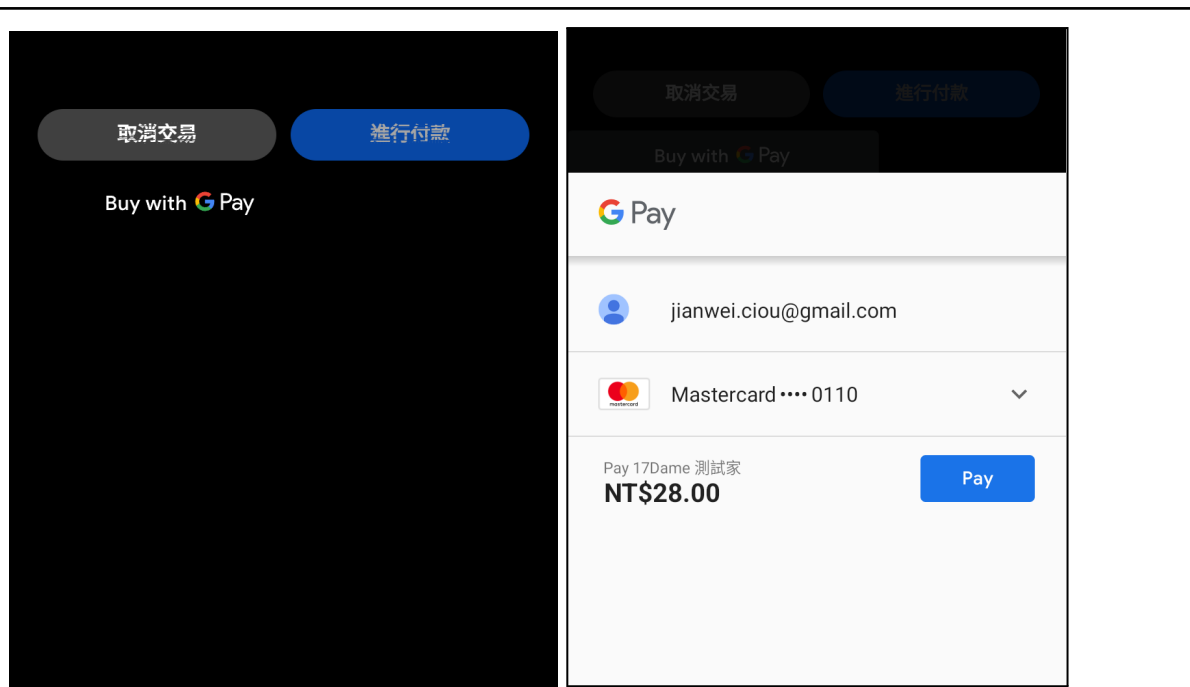
下一步

取消交易 進行付款

後續交易與信用卡付款相同

選擇Google Pay付款

點選 Buy with Pay，完成購物



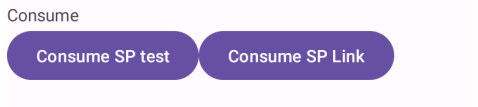
SP Coin 點數確認

```
{
  "data": {
    "payMethod": 3,
    "tradeNo": "PAC2023120700000208",
    "refundNo": "RAC2023120700000208",
    "spCoin": 60,
    "rebate": 0,
    "status": 2,
    "currencyCode": "TWD",
    "totalAmt": 28.0000,
    "createdOn": "2023-12-07T02:24:11.9623926+00:00"
  },
  "status": 1000,
  "message": null,
  "detailMessage": null,
  "requestNumber": "3b3b3eac-01f3-4d6b-b5c7-d26c4ed2de00"
}
```

Consume SP Coin

createPayment	
Intent	透過 tradeNo 取出該筆訂單資訊
Step	<p>檢查用戶消費前資料</p> <pre>{ "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3336, "rebate": 933}</pre> <p>設定好要消費的 spCoin與 rebate</p> <p>點選 Consume SP test 進行SP Coin消費</p> <div><p>Consume</p><div><p>Consume SP test</p><p>Consume SP Link</p></div></div> <p>產生一筆 Payment</p> <pre>int spCoin = 5; //int rebate = 3;String orderNo = UUID.randomUUID().toString();_connectTool.createPayment(new CreatePaymentCallback() { @Override public void callback(PaymentResponse value) { Log.v(TAG, "PaymentResponse callback : " + value); }}, spCoin, rebate, orderNo);</pre>
Responses	<pre>{ "data": { "transactionId": "T0001010100000000", "spCoin": 5, "rebate": 3,</pre>

	<pre> "orderStatus": "Completed" }, "status": 0, "message": null, "detailMessage": null, "requestNumber": "6c1d1455-17e5-4370-a03e-3428dcdebcfc" } </pre>
After	<p>完成購物後的用戶資料</p> <pre> { "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3331, "rebate": 930 } </pre>
	<p>付費點數及免費點數皆已扣除，遊戲開發可以透過 Responses 的 CreatePaymentCallback 來進行購買物品的轉移</p>

<h2>OpenConsumeSPURL</h2>	
<p>點選 Consume SP Link 開啟消費確認頁面</p> 	
<p>先確認用戶資料</p> <p>Before Me Data</p> <pre> { "email": "User mail", "nickName": null, "avatarUrl": null, "spCoin": 3331, "rebate": 930 } </pre>	

組合出用戶點選的資料與遊戲資料

開啟頁面所需參數

consume_spCoin	付費點數
consume_spCoin	免費點數
orderNo	遊戲開發商自訂訂單編號, 格式為字串
GameName	遊戲名稱
productName	商品名稱 (i.e., 十顆鑽石)

```
int consume_spCoin = 5;  
int consume_rebate = 3;  
String orderNo = UUID.randomUUID().toString();  
String GameName = "Game Name";  
String productName = "Ten diamonds";
```

範例：

```
int consume_spCoin = 5;  
int consume_rebate = 3;  
String orderNo = UUID.randomUUID().toString();  
String GameName = "Game Name";  
String productName = "Ten diamonds";  
_connectTool.OpenConsumeSPURL(consume_spCoin,consume_rebate,orderNo,GameName,productName);
```

組合為


<https://gamar18portal.azurewebsites.net/member/consumesp/r17dame%3A%2F%2Fconnectlink/2/07d5c223-c8ba-44f5-b9db-86001886da8d/Game%20Name/945635af-f625-47df-9f21-bf7fbce15b37/Ten%20diamonds/5/3>

1. 執行後另開瀏覽器頁面, 點選"確認轉點"
2. 點選後, 跳轉回 App 進行消費

< 返回

儲值面額

SP Coin 點數 -> Game Name

SP Coin餘額  4253 (付費3326點+免費927點)

交易編號: 945635af-f625-47df-9f21-bf7fbce15b37


交易品項: Ten diamonds

預計扣除 SP Coin: 8

剩餘SP Coin 4245 (付費3321點+免費924點)

取消交易

確認轉點



交易成功

交易編號945635af-f625-47df-9f21-bf7fbce15b37

交易時間2023-12-07T03:08:03Z

儲值品項8 (付費5點+免費3點)

剩餘 SP Coin 4245

完成

```
After
Me Data
{
  "email": "User mail",
  "nickName": null,
  "avatarUrl": null,
  "spCoin": 3321,
  "rebate": 924
}
```

模擬消費額高於用戶 SP Coin 持有量

遊戲資料

開啟頁面所需參數

consume_spCoin	付費點數
consume_spCoin	免費點數
orderNo	遊戲開發商自訂訂單編號，格式為字串

GameName	遊戲名稱
productName	商品名稱 (i.e., 100000顆鑽石)

```
int consume_spCoin = 500000;
int consume_rebate = 0;
String orderNo = UUID.randomUUID().toString();
String GameName = "Game Name";
String productName = "100000 diamonds";
```

範例：

```
int consume_spCoin = 55555;
int consume_rebate = 3;
String orderNo = UUID.randomUUID().toString();
String GameName = "Game Name";
String productName = "Ten diamonds";
_connectTool.OpenConsumeSPURL(consume_spCoin,consume_rebate,orderNo,GameName,productName);
```

1. 執行後另開瀏覽器頁面
2. 顯示餘額不足，點選"進行儲值"

< 返回

儲值面額

SP Coin 點數 -> Game Name

SP Coin餘額 4245 (付費3321點+免費924點)

交易編號：3e1fc900-cd8d-4bc4-8210-8e997b2fa5a5
交易品項：100000 diamonds
預計扣除 SP Coin：500000
剩餘SP Coin -495755
餘額不足，請先進行儲值

取消交易 進行儲值

點選後，跳轉回 App 進行消費

< 返回

儲值面額

SP Coin餘額 3594 (付費2611點+免費983點)
選擇儲值面額 切換幣別
儲值面額越高額外獎勵點數越多

60 (60 + 0) NTD\$28
120 (120 + 0) NTD\$56
360 (350 + 10) NTD\$165
720 (700 + 20) NTD\$330
1200 (1160 + 40) NTD\$545

--	--