Card Redemption

Usage

- Bank loyalty point redemption
- Bank Loyalty point redemption + Cash payment
- Bank privilege verification
- Bank privilege verification + Cash Payment
- Prepay Card payment
- Member Card payment

Transaction Flow

- The requested transaction will will firstly invoke MIS-POS for Card swape and password input. Once MIS-POS confirmed on both inputs, it will send back to e-Buy backend server to process.

action

- `cardRedemption`

Request body：Cashier POS===>e-Buy Backend

Field	Type	Mandatory	Description	Memo
traceNo	String	Yes	Cashier terminal trace no.	No repeat：yyyyMMddHHmmss+10位
totalAmount	Price	Yes	Total transaction amount	Unit : Dollar
undiscountAmount	Price	Yes	undiscountable Amount	Unit : Dollar
goodsDetail	List<goodsDetail>	Yes	Goods detail	Mandated on goods detail verification
memberDetail	Object< memberDetail>	No	Member information	Mandated on member payment

Request body example

```
{
  "traceNo": "99000009100010101732123",
  "totalAmount": 40.8,
  "undiscountAmount": 0,
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "□□",
      "price": 8,
      "quantity": 2,
      "rebateCode": "000"
    },
    {
      "goodsCategory": "101",
      "goodsId": "P00002",
      "goodsName": "□□□",
      "price": 24.8,
      "quantity": 1,
      "rebateCode": "000"
    }
  ],
  "memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
  }
}
```


Response body□e-Buy Backend===>Cashier POS

Field	Type	Mandatory	Description	Memo
traceNo	String	Yes	Cashier terminal trace no.	No repeat
orderNo	String	Yes	Order No. from e-Buy	□□□□
transDate	String	Yes	Transaction time	Format□yyyyMMddHHmmss

Field	Type	Mandatory	Description	Memo
returnCode	String	Yes	Return code	00 represent successful transaction, else represent fail
returnDesc	String	Yes	Return message	Detail explanation / error message per transaction result
paidAmount	Price	Yes	Total amount paid	Face Value. Unit : Dollar
receiptAmount	Price	No	Merchant actual received amount	Net Value. Unit : Dollar
invoiceAmount	Price	No	Merchant invoice amount	Unit : Dollar
exchangeRate	Number(8,6)	No	Exchange Rate	The rate of conversion the currency given in the request to CNY.
currency	String	No	Currency	For example: CNY
discountCode	String	No	Discount Code	assigned by Cashier POS
discountNum	Number	No	numbers of discountCode	□□□□□□□□□□□□
tenderCode	String	No	Tender Code	assigned by Cashier POS,□□□□□□□□□□□□201612 00□□□□20□
activityProductNo	String	No	Activity Product no.	
activityProductName	String	No	Activity Product name	
needSameCard	Boolean	No	Required same card payment	Such as discount upon amount reached, same credit card must be used for the payment
goodsDetail	List<goodsDetail>	No	Paid product detail	Backend response paid product detail
fundChannel	List<fundChannel>	No	Channel of fund	
printDetail	Object<printDetail>	No	Printing message	Provided if required to print on the receipt
memberDetail	Object< memberDetail>	No	Member information	Member info return message on this transaction

Response body example


```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "paidAmount": 40.8,
  "receiptAmount": 40.8,
  "invoiceAmount": 40.8,
  "exchangeRate": 6.0939,
  "currency": "CNY",
  "discountCode": "0001",
  "discountNum": 20,
  "tenderCode": "8001",
  "activityProductNo": "2016123101",
  "activityProductName": "□□365□□",
  "needSameCard": true,
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "□□",
      "price": 8,
      "quantity": 2,
      "rebateCode": "000",
      "activityNo": "2016123101",
      "memo": "100123456789"
    },
    {
      "goodsCategory": "101",
      "goodsId": "P00002",
      "goodsName": "□□□",
      "price": 24.8,
      "quantity": 1,
      "rebateCode": "000",
      "activityNo": "2016123101",
      "memo": "100123456789"
    }
  ],
```

```
    "fundChannel": [
        {
            "channelNo": "001",
            "channelName": "□□□□□□",
            "channelAmount": "20.8"
        },
        {
            "channelNo": "002",
            "channelName": "□□□□□□",
            "channelAmount": "20"
        }
    ],
    "printDetail": {
        "cardNo64": "622562****8888",
        "bank": "□□□□",
        "paymentOrderNo": "20161231568941215745878 7",
        "pointSale": "20000",
        "qrCode1": "htt://www.xxx.com/url",
        "qrCode2": "",
        "qrCode3": "",
        "barCode1": "12345679",
        "barCode2": "",
        "barCode3": ""
    },
    "memberDetail": {
        "memberId": "M000001545",
        "memberName": "TONY",
        "grade": "1",
        "status": "1",
        "balance": 1000.00,
        "pointBalance": 30000
    }
}
```


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