App功能

1. 会员登记
2. 新会员注册

接收新会员信息 姓名,账户,身份证号,密码

返回会员账号等信息

1. 老会员绑定

根据会员姓名,账号,身份证号,密码, 判断会员信息是否正确

返回会员信息

1. 其余情况

发生密码错误情况,重新验证密码

1. 圈存圈提
2. 圈存绑银行卡 -- 宝付通
3. 圈提绑银行卡

App -> 西郊服务器 -> 前置服务器 -> 返回绑定信息

1. 圈存
2. App -> 宝付通 -> 返回成功
3. App -> 西郊服务器
4. 返回成功 -> 圈存成功
5. 返回失败 -> app向宝付发送回退请求
6. 圈提
7. App -> 西郊服务器
8. 西郊服务器 -> 前置服务器
9. 成功 app显示成功
10. 失败 西郊调用回退程序, app显示失败
11. 中行增值服务

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App接口

1. 通过手机号查询会员是否已经绑定

通过会员手机号,得到会员是否在交易系统中有登记,以及是否进行过圈提银行卡绑定

请求地址<https://mail.shxjgj.com:443/app/memberSearchRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| mobileNum |  | 手机号 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| ifHasMember |  | 是否存在手机对应会员1为存在,0为不存在,2为会员已经进行过绑定 |
| memberNo |  | 会员账号 |
| memberName |  | 会员姓名 |
| ~~bind\_id~~ |  | ~~绑定id~~ |
| ifQtBinded |  | 是否已经绑定圈提银行卡,1为已绑定,0为未绑定 |
| message |  | 结果描述 |
| keyStr |  | 校验密钥 |

json格式:

{

"ifHasMember ":"1",

"memberName":"张三",

"memberNo":"xxxxxxx",

~~"bind\_id":"xxxxxxx",~~

" ifQtBinded ":"1",

" message":"xxxxxxx",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 已存在会员绑定

对于已经在交易系统存在的会员,直接进行与手机用户的绑定

请求地址<https://mail.shxjgj.com:443/app/memberBindRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| IDCardNo |  | 身份证号 |
| mobileNum |  | 手机号 |
| password |  | 6位数字,主卡密码 |
| bind\_id |  | 绑定id |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" IDCardNo ":"3102291986xxxxxxxx",

" mobileNum ":" 139xxxxxxxx ",

" password":"123456",

" bind\_id":"xxxxxxx",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| ~~bind\_id~~ |  | ~~身份证号~~ |
| ifQtBinded |  | 是否已经绑定圈提银行卡,1为已绑定,0为未绑定 |
| bankAccount |  | 绑定中行账号 |
| mCardNo2 |  | 绑定西郊会员卡号 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" bind\_id":"xxxxxxx",

" ifQtBinded ":"1",

" bankAccount ":"12212321211",

" mCardNo2":"xxxxxxx",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员注册

新创建买方会员,在交易系统中注册会员,返回会员账号等信息,实体会员卡需要到线下办理.

请求地址<https://mail.shxjgj.com:443/app/memberCreateRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| IDCardNo |  | 身份证号 |
| mobileNum |  | 手机号 |
| password |  | 6位数字,主卡密码 |
| toCorpAddress |  | 商品去向地址 |
| bind\_id |  | 绑定id |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" IDCardNo ":"3102291986xxxxxxxx",

" mobileNum ":" 139xxxxxxxx ",

" password":"123456",

" bind\_id":"xxxxxxx",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| memberNo |  | 会员账号 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" memberNo ":"xxxxxxx",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员密码验证

根据会员账号和会员卡主卡密码,判断会员身份

请求地址<https://mail.shxjgj.com:443/app/memberPasswordCheckRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberNo |  | 会员账号 |
| password |  | 6位数字,主卡密码 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberNo":"20000005786 ",

" password":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述, |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员圈提绑定

会员提供自己的中国银行账号,将自己的会员账号,会员主卡与中国银行卡进行圈提绑定.

请求地址<https://mail.shxjgj.com:443/app/memberBankBindRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| bankName |  | 开户姓名 |
| IDCardNo |  | 开户身份证号 |
| password |  | 6位数字,主卡密码 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" bankName":"张三",

" IDCardNo ":"3102291986xxxxxxxx",

" password":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述,比如信息不符,已经绑定等 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员圈提解绑

解除会员卡与中国银行卡之间的圈提绑定

请求地址[https://mail.shxjgj.com:443/app/memberBankUnBindRequest](https://mail.shxjgj.com:443/app/memberBankBindRequest)

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| password |  | 6位数字,主卡密码 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" password":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述,比如信息不符,找不到绑定信息等 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 查询会员账户余额

查询会员账户余额及欠西郊国际金额

请求地址<https://mail.shxjgj.com:443/app/memberAccountSearchRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberNo |  | 会员账号 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberNo":"20000005786 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| accountQty |  | 账户余额 |
| toXJGJQty |  | 欠西郊国际金额 |
| message |  | 错误描述,比如找不到账户等 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" accountQty ":"1000",

" toXJGJQty ":"0",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员圈存

宝付方面存款成功后,调用交易系统存款接口

请求地址<https://mail.shxjgj.com:443/app/memberQCRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| requestNo |  | 请求编号 |
| password |  | 主卡密码,6位数字 |
| moneyQty |  | 圈存金额,保留两位小数,去掉小数点,100元就是10000 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" requestNo":"xxxxxxxx",

" moneyQty ":"10000",

" password ":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

发生错误的情况:

1. 宝付失败, 直接返回失败
2. 宝付成功,西郊失败, 先调用西郊国际圈存失败补救,如果成功,则圈存成功,如果还是失败,请客户联系西郊国际工作人员
3. 会员圈提

调用交易系统圈提,从会员账户圈提到会员绑定的中行卡账户

请求地址<https://mail.shxjgj.com:443/app/memberQTRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| requestNo |  | 请求编号 |
| password |  | 主卡密码,6位数字 |
| moneyQty |  | 圈提金额,保留两位小数,去掉小数点,100元就是10000 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" requestNo":"xxxxxxxx",

" moneyQty ":"10000",

" password ":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

圈提失败的情况,由交易系统判断处理

1. 圈存失败回退

圈存失败的情况,发送之前的圈存请求的信息,尝试再次圈存

请求地址<https://mail.shxjgj.com:443/app/memberQCRetryRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberName |  | 会员姓名 |
| memberNo |  | 会员账号 |
| requestNo |  | 请求编号 |
| oldRequestNo |  | 原圈存请求编号 |
| password |  | 主卡密码,6位数字 |
| moneyQty |  | 圈提金额,保留两位小数,去掉小数点,100元就是10000 |
| keyStr |  | 校验密钥 |

json格式:

{

" memberName":"张三",

" memberNo":"20000005786 ",

" requestNo":"xxxxxxxx",

" OldrequestNo":"xxxxxxxx",

" moneyQty ":"10000",

" password ":"123456",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

1. 会员账户变动查询

查询会员一段时间内的账户变动表,默认查询3天数据

请求地址<https://mail.shxjgj.com:443/app/memberCostLogRequest>

请求报文

|  |  |  |
| --- | --- | --- |
| memberNo |  | 会员账号 |
| startDate |  | 开始日期yyyy-MM-dd |
| endDate |  | 结束日期yyyy-MM-dd |
| keyStr |  | 校验密钥 |

json格式:

{

" memberNo":"20000005786 ",

" startDate ":"2017-12-01",

" endDate ":"2017-12-04",

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}

请求返回报文

|  |  |  |
| --- | --- | --- |
| result |  | 返回结果1为成功,0为失败 |
| message |  | 错误描述 |
| costLog |  | 费用变动明细,内容包括:发生时间,费用描述,发生金额,账户余额,根据发生时间倒序排列,账户增加则金额为正数,减少则为负数 |
| keyStr |  | 校验密钥 |

json格式:

{

" result":"1",

" message":"错误描述 ",

" costLog":[{"发生时间":"2017-12-14 12:00","费用描述":"中国银行圈提取款","发生金额":"-1000","账户余额":"0"},{"发生时间":"2017-12-14 11:50","费用描述":"中国银行圈提取款","发生金额":"-1000","账户余额":"1000"},{"发生时间":"2017-12-14 11:40","费用描述":"中国银行圈存存款","发生金额":"2000","账户余额":"2000"}]

" keyStr ":"\*\*\*\*\*\*\*\*\*\*"

}