Integration Requirement Specification Document

EPIC-ID:

EPIC-Name: UI UX

|  |  |
| --- | --- |
| Author | ThanhNV |
| Document ID |  |
| Creation Date | 27/12/2018 |
| Last Updated |  |
| Version | 1.0 |

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**Change Record**

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| Date | Name | Version | Change Reference |
| 27/12/2018 | ThanhNV | 1.0 | New create |
|  |  |  |  |
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# Document Overview

## Document Purpose

*Provide a high level overview of project*.

## Reference Document

|  |  |  |  |
| --- | --- | --- | --- |
| Reference Document | Attachment | Version | Description |
| BRD | Savi002\_Settle Saving.docx |  | Settle Online Saving |
| BRD | Open UPL.docx |  | Authentication Service |

## Definitions and Acronyms

|  |  |
| --- | --- |
| Term / Acronym | Description / Definition |
| BRD |  |
|  |  |

# 1. API List

New integration services description table for epic requirement

|  |  |  |
| --- | --- | --- |
| **No.** | **Integration Requirement** | **Existing/Modify/New** |
|  | GetAccountDetailsByID Service (/cb/odata/services/accountservice/GetAccountDetailsByID?Id=%27ACCOUNT\_NUMBER-ACCOUNT\_TYPE%27) | **Modify** |
|  | OnlineSavings?action=init Service (/cb/odata/services/onlinesavingservice/OnlineSavings?action=init) |  |
|  | GetOnlineSavingAccountsList Service (/cb/odata/services/onlinesavingservice/GetOnlineSavingAccountsList) |  |
|  | GetLockAmounts Service (/cb/odata/services/onlinesavingservice/GetLockAmounts?AccountNo=%27139460758%27) |  |
|  | GetSettleToAccountsList Service (/cb/odata/services/onlinesavingservice/GetSettleToAccountsList?Currency=%27VND%27) |  |
|  | OnlineSavings?action=verify Service (/cb/odata/services/onlinesavingservice/OnlineSavings?action=verify) | **Modify** |
|  | Authentication Service (/cb/odata/services/authenticationservice/SecureUsers?action=authenticateMFA) |  |
|  | OnlineSavings?action=confirm Service (/cb/odata/services/onlinesavingservice/OnlineSavings?action=confirm) |  |

Note:

Some Fields whose value = "O" (Optional) are default fields of OCB core and up to now they have been used for these services, so description columns are blank.

Row have Algae Green color : this row edit , have field but not value.

Row have Yellow color : this row added .

## GetAccountDetailsByID Service

### Description

1. Get account detail information
2. Endpoint: /cb/odata/services/accountservice/GetAccountDetailsByID?Id=%27ACCOUNT\_NUMBER-ACCOUNT\_TYPE%27
3. Http Method: GET
4. ChannelType: Mobile
5. Accept: application/json
6. Request sample: cb/odata/services/accountservice/GetAccountDetailsByID?Id=%27139372042-77%27
7. Modify service:
8. Responses sample:

{

"d": {

"results": [

{

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/accountservice/Accounts('139372115-77')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/accountservice/Accounts('139372115-77')",

"type": "com.sap.banking.common.endpoint.v1\_0.beans.Account"

},

"Id": "139372115-77",

"Number": "139372115",

"NumberMasked": "XXXXX2115",

"BankID": "1000",

"BankName": null,

"NickName": "Tiết kiệm thường trực tuyến",

"Type": "ONLINENORMALSAVING",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "Saving Accounts",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "Tiết kiệm thường trực tuyến - 139372115 Bal. 1,000,000 ₫",

"PriorDayBalance": "1000000",

"CurrentBalance": "1000000",

"AvailableBalance": "1000000",

"Favorite": false,

"BRANCHNO": "VN0010102",

"OPENDATE": "21/03/2018",

"BRANCHNAME": "VPBank HỒ CHÍ MINH",

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": "1,000,000",

"BANKNO": null,

"ACCOUNTTYPE": "Tiết kiệm thường trực tuyến",

"ACCOUNTNUMBER": null,

"CURRENCY": "VND",

"INTERESTRATE": "6.60%",

"ECOMMERCESTATUS": null,

"MATURITYDATE": "21/08/2018",

"ACCRUEDINTEREST": "2,893 ₫",

"TENOR": "5M",

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": "TP. Hồ Chí Minh",

"CITYID": "2",

"BRANCHID": "4244",

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": "1,000,000 ₫",

"ACCDETAILCURRENTBALANCE": "VND",

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": false,

"ACCOUNT\_TYPE\_T24": "AC",

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"OVERDRAFTLIMITREF": "",

"WORKINGBALANCE": "1000000",

"LINK\_ACC\_NO": "",

"IntAmountPaidBeforeTerm": null,

"AmountEndTerm": null,

"LostAmount": null,

"InterestKKH": null,

}

]

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | ACCOUNT\_NUMBER | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "139372034" |
|  | ACCOUNT\_TYPE | String |  | Account type of this account | "77" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Unique identifier (per bank) for the customers account.  Format: accountNumber-accountType. | "139372042-77" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "139372042" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "XXXXX2042" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "1000" |
|  | BankName | String |  |  |  |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’.  (Name of the saving book.  Default value is (“Account title 1” field on “Account” screen of T24.) | "Tiết kiệm thường trực tuyền" |
|  | Type | String |  | Account type abbr.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "ONLINENORMALSAVING" |
|  | Status | String |  | Not in use (dicefault “PENDING”) | "PENDING" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  |  |
|  | AccountGroup | String |  | Account group identifier:  1: Current Accounts  2: Saving Accounts  3: Loans  4: Credit Cards | "Saving Accounts" |
|  | PrimaryAccount | String |  |  |  |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "1" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | “660110110” |
|  | LocationID | String |  |  |  |
|  | AccountDisplayText | String |  | Name of account type + account number + amount (format: ##,###,### đ) | "Online Normal Saving - 139372042 Bal. 1,000,000 ₫" |
|  | PriorDayBalance | String |  | + being assigned as WorkingBalance for current account  + being assigned as principal amount for normal saving account  format : ##### (number) | "1000000" |
|  | CurrentBalance | String |  | + being assigned as WorkingBalance for current account  + being assigned as principal amount for normal saving account  format : ##### (number) | "1000000" |
|  | AvailableBalance | String |  | Available Balance, format : ##### (number) | "1000000" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | false |
|  | BRANCHNO | String |  | Code of branch holding the account | "VN0010102" |
|  | OPENDATE | String |  | Open date of account | "21/03/2018" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "VPBank HỒ CHÍ MINH" |
|  | AVARAGEBALANCEPERMONTH | String |  |  |  |
|  | OVERDRAFTLIMIT | String |  |  |  |
|  | BALANCE | String |  |  | "1,000,000" |
|  | BANKNO | String |  |  |  |
|  | ACCOUNTTYPE | String |  | Name of account type | "Tiết kiệm thường trực tuyến" |
|  | ACCOUNTNUMBER | String |  |  |  |
|  | CURRENCY | String |  | Account currency | "VND" |
|  | INTERESTRATE | String |  | Interest rate for normal saving account& easy saving account& loan contract (account)& Card | "5.4%" |
|  | ECOMMERCESTATUS | String |  |  |  |
|  | MATURITYDATE | String |  | Maturity date for normal saving account& easy saving account& loan contract (account) | "21/07/2018" |
|  | ACCRUEDINTEREST | String |  | Accrued interest for normal saving account& easy saving account | "0 ₫" |
|  | TENOR | String |  | Term for normal saving account& easy saving account | "4M" |
|  | APPROVEDAMOUNT | String |  |  |  |
|  | TERMLOAN | String |  |  |  |
|  | OUTSTANDINGAMOUNT | String |  |  |  |
|  | INTERESTFORTHISPERIOD | String |  |  |  |
|  | PRINCIPALFORTHISPERIOD | String |  |  |  |
|  | THETOTALAMOUNTDUE | String |  |  |  |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  |  |
|  | NEXTINTERESTPAYMENTDATE | String |  |  |  |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  |  |
|  | OVERDUEPRINCIPAL | String |  |  |  |
|  | PENALTYINTEREST | String |  |  |  |
|  | CONTRACTNUMBER | String |  |  |  |
|  | CURRENCYTYPE | String |  |  |  |
|  | CREDITLIMIT | String |  |  |  |
|  | CARDSTATUS | String |  |  |  |
|  | CARDTYPE | String |  |  |  |
|  | OUTSTANDINGBALANCE | String |  |  |  |
|  | STATEMENTBALANCE | String |  |  |  |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  |  |
|  | BLOCKEDAMOUNT | String |  |  |  |
|  | AVAILABLEAMOUNT | String |  |  |  |
|  | CARDNUMBER | String |  |  |  |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  |  |
|  | PRODUCTID | String |  | Indicates the Category code for the Account. | "6603" |
|  | CITYNAME | String |  | Name of city holding the account | "TP. Hồ Chí Minh" |
|  | CITYID | String |  | Id of city holding the account | "2" |
|  | BRANCHID | String |  | Id of branch holding the account | "4244" |
|  | ACCOUNTNAME | String |  |  |  |
|  | ACCOUNT\_STATUS | String |  | Current account (card) status.  For accoutn: ACTIVE, DORMART, INACTIVE  For Card: Card OK, Card Closed, Call Issuer, Pin Blocked, Pickup L41 | "ACTIVE" |
|  | STATEMENT\_TERM | String |  |  |  |
|  | PRODUCTNAME | String |  | Product name | “Tiết kiệm gửi góp linh hoạt” |
|  | STATEMENTDAY | String |  |  |  |
|  | SML\_BANK\_ID | String |  |  |  |
|  | AUTO\_INACTIVE | String |  |  |  |
|  | OWNERSHIP | String |  |  |  |
|  | ECOMNICKNAME | String |  |  |  |
|  | ACCDETAILAVAILABLEBALANCE | String |  | Available Balance, format: ##,###,### đ | "1,000,000 ₫" |
|  | ACCDETAILCURRENTBALANCE | String |  | + being assigned as principal amount for normal saving account& easy saving account  format: ##,###,### đ | "50,000,000 ₫" |
|  | LINKACCOUNT | String |  |  |  |
|  | PISACCOUNT | String |  |  |  |
|  | ISTD6017 | String |  | true : if product code of account equal TD6017  false: if product code of account not equal TD6017 | false |
|  | ACCOUNT\_TYPE\_T24 | String |  | Account type (AC : account, Debit Card, CC: Credit card) | "AC" |
|  | CCCASHLIMIT | String |  |  |  |
|  | CCCASHFEE | String |  |  |  |
|  | CCCASHFEEMIN | String |  |  |  |
|  | CCBRANHCODE | String |  |  |  |
|  | PRIMARYACCTHOLDER | String |  |  |  |
|  | CARD\_TYPE | String |  |  |  |
|  | IntAmountPaidBeforeTerm | String |  | Interest amount paid before term | "0" |
|  | AmountEndTerm | String |  | Amount at maturity | "536688" |
|  | LostAmount | String |  | Lost amount | "536688" |
|  | InterestKKH | String |  | Non-term interest rate | "0.1" |

## OnlineSavings?action=init Service

### Description

1. Get init online savings information
2. Endpoint: /cb/odata/services/onlinesavingservice/OnlineSavings?action=init
3. Http Method: POST
4. ChannelType: Mobile
5. Accept: application/json
6. Request sample:

{"Id":"01666083622"}

1. Responses sample:

{

"d": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.OnlineSaving"

},

"Id": "50154821459690700",

"Number": null,

"NumberMasked": null,

"BankID": null,

"BankName": null,

"NickName": null,

"Type": "Unknown",

"Status": "0",

"CurrencyCode": null,

"TrackingID": null,

"AccountGroup": "0",

"PrimaryAccount": null,

"CoreAccount": null,

"RoutingNum": null,

"LocationID": null,

"AccountDisplayText": null,

"PriorDayBalance": null,

"CurrentBalance": null,

"AvailableBalance": null,

"Favorite": false,

"BRANCHNO": null,

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": null,

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": null,

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": null,

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": null,

"ACCOUNT\_TYPE\_T24": null,

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": null,

"OVERDRAFTLIMITREF": null,

"WORKINGBALANCE": null,

"LINK\_ACC\_NO": null,

"ISLINKDEBITCARD": null,

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null,

"MINIMUM\_PAYMENT\_AMOUNT": null,

"OPENINGBALANCE": null,

"FromAccountID": null,

"DestinationAccountID": null,

"FromAccountName": null,

"DestinationAccountName": null,

"BranchNo": null,

"OpenDate": null,

"ValueDate": null,

"CloseDate": null,

"PrincipleAmount": null,

"InterestAmount": null,

"InterestRate": null,

"Tenor": null,

"TermName": null,

"Id1": "50154821459690700",

"Id2": "50154821459690701",

"Id3": "50154821459690702",

"StatusAccount1": null,

"StatusAccount2": null,

"StatusAccount3": null,

"InterestRate1": null,

"InterestRate2": null,

"InterestRate3": null,

"Tenor1": null,

"Tenor2": null,

"Tenor3": null,

"TermName1": null,

"TermName2": null,

"TermName3": null,

"PrincipleAmount1": null,

"PrincipleAmount2": null,

"PrincipleAmount3": null,

"NumbersAccountChoise": null,

"ValueDate1": null,

"MaturityDate1": null,

"ValueDate2": null,

"MaturityDate2": null,

"ValueDate3": null,

"MaturityDate3": null,

"FrequencyName": null,

"MaturityDate": null,

"MaturityMethod": null,

"MaturityMethodName": null,

"EmployeeDAO": null,

"isIB": null,

"PromotionCode": null,

"AmountInWords": null,

"AmountInWords1": null,

"AmountInWords2": null,

"AmountInWords3": null,

"ESBFTRefrenceNumber": null,

"ErrorCode": null,

"ErrorDescription": null,

"IntroducerCIF": null,

"AccountTypeID": null,

"AccountTypeName": null,

"MATURITY\_METHOD\_VALUE": "[{\"id\":1,\"label\":\" Roll over automatically\"},{\"id\":2,\"label\":\" Settle automatically\"}]",

"MATURITYDATESTR": null,

"CifName": null,

"MaximumLimit": null,

"OverdraftInterestRate": null,

"IntAmountPaidBeforeTerm": null,

"AmountEndTerm": null,

"LostAmount": null,

"InterestKKH": null,

"BranchName": null,

"ActionType": null,

"OldMaturityMethod": null,

"OldMaturityMethodName": null,

"EvoucherCode": null,

"VoucherRate": null,

"BaseRate": null,

"FromAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/FromAccount"

}

},

"DestinationAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/DestinationAccount"

}

},

"SavingAccountType": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingAccountType"

}

},

"SavingProduct": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingProduct"

}

},

"SavingRate": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate"

}

},

"SavingRate1": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate1"

}

},

"SavingRate2": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate2"

}

},

"SavingRate3": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate3"

}

}

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Unique identifier (per bank) for the customers account. | "01666083622" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Online saving ref. | "50154821459690700" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "null" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "null" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "null" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "null" |
|  | Type | String |  | Account type.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "Unknown" |
|  | Status | String |  | Not in use (default “PENDING”) | "0" |
|  | CurrencyCode | String |  | Currency type the account should use. | "null" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "0" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "null" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "null" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  |  | "null" |
|  | PriorDayBalance | String |  |  | "null" |
|  | CurrentBalance | String |  |  | "null" |
|  | AvailableBalance | String |  |  | "null" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  |  | "null" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  |  | "null" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "null" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  |  | "null" |
|  | INTERESTRATE | String |  |  | "null" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  |  | "null" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  |  | "null" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  |  | "null" |
|  | ACCOUNT\_TYPE\_T24 | String |  |  | "null" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  |  | "null" |
|  | CARD\_TYPE | String |  |  | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  |  | "null" |
|  | OVERDRAFTLIMITREF | String |  |  | "null" |
|  | WORKINGBALANCE | String |  |  | "null" |
|  | LINK\_ACC\_NO | String |  |  | "null" |
|  | ISLINKDEBITCARD | String |  |  | "null" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_AMOUNT | String |  |  | "null" |
|  | OPENINGBALANCE | String |  |  | "null" |
|  | FromAccountID | String |  |  | "null" |
|  | DestinationAccountID | String |  |  | "null" |
|  | FromAccountName | String |  |  | "null" |
|  | DestinationAccountName | String |  |  | "null" |
|  | BranchNo | String |  |  | "null" |
|  | OpenDate | String |  |  | "null" |
|  | ValueDate | String |  |  | "null" |
|  | CloseDate | String |  |  | "null" |
|  | PrincipleAmount | String |  |  | "null" |
|  | InterestAmount | String |  |  | "null" |
|  | InterestRate | String |  |  | "null" |
|  | Tenor | String |  |  | "null" |
|  | TermName | String |  |  | "null" |
|  | Id1 | String |  | Unique identifier | "50154821459690700" |
|  | Id2 | String |  | Unique identifier | "50154821459690701" |
|  | Id3 | String |  | Unique identifier | "50154821459690702" |
|  | StatusAccount1 | String |  |  | "null" |
|  | StatusAccount2 | String |  |  | "null" |
|  | StatusAccount3 | String |  |  | "null" |
|  | InterestRate1 | String |  |  | "null" |
|  | InterestRate2 | String |  |  | "null" |
|  | InterestRate3 | String |  |  | "null" |
|  | Tenor1 | String |  |  | "null" |
|  | Tenor2 | String |  |  | "null" |
|  | Tenor3 | String |  |  | "null" |
|  | TermName1 | String |  |  | "null" |
|  | TermName2 | String |  |  | "null" |
|  | TermName3 | String |  |  | "null" |
|  | PrincipleAmount1 | String |  |  | "null" |
|  | PrincipleAmount2 | String |  |  | "null" |
|  | PrincipleAmount3 | String |  |  | "null" |
|  | NumbersAccountChoise | String |  |  | "null" |
|  | ValueDate1 | String |  |  | "null" |
|  | MaturityDate1 | String |  |  | "null" |
|  | ValueDate2 | String |  |  | "null" |
|  | MaturityDate2 | String |  |  | "null" |
|  | ValueDate3 | String |  |  | "null" |
|  | MaturityDate3 | String |  |  | "null" |
|  | FrequencyName | String |  |  | "null" |
|  | MaturityDate | String |  |  | "null" |
|  | MaturityMethod | String |  |  | "null" |
|  | MaturityMethodName | String |  |  | "null" |
|  | EmployeeDAO | String |  |  | "null" |
|  | isIB | String |  |  | "null" |
|  | PromotionCode | String |  |  | "null" |
|  | AmountInWords | String |  |  | "null" |
|  | AmountInWords1 | String |  |  | "null" |
|  | AmountInWords2 | String |  |  | "null" |
|  | AmountInWords3 | String |  |  | "null" |
|  | ESBFTRefrenceNumber | String |  |  | "null" |
|  | ErrorCode | String |  |  | "null" |
|  | ErrorDescription | String |  |  | "null" |
|  | IntroducerCIF | String |  |  | "null" |
|  | AccountTypeID | String |  |  | "null" |
|  | AccountTypeName | String |  |  | "null" |
|  | MATURITY\_METHOD\_VALUE | String |  | Maturity method information | "[{"id":1,"label":" Roll over automatically"},{"id":2,"label":" Settle automatically"}]" |
|  | MATURITYDATESTR | String |  |  | "null" |
|  | CifName | String |  |  | "null" |
|  | MaximumLimit | String |  |  | "null" |
|  | OverdraftInterestRate | String |  |  | "null" |
|  | IntAmountPaidBeforeTerm | String |  |  | "null" |
|  | AmountEndTerm | String |  |  | "null" |
|  | LostAmount | String |  |  | "null" |
|  | InterestKKH | String |  |  | "null" |
|  | BranchName | String |  |  | "null" |
|  | ActionType | String |  |  | "null" |
|  | OldMaturityMethod | String |  |  | "null" |
|  | OldMaturityMethodName | String |  |  | "null" |
|  | EvoucherCode | String |  |  | "null" |
|  | VoucherRate | String |  |  | "null" |
|  | BaseRate | String |  |  | "null" |
|  | FromAccount:deferred:uri | String |  | Source account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/FromAccount" |
|  | DestinationAccount:deferred:uri | String |  | Destination account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/DestinationAccount" |
|  | SavingAccountType:deferred:uri | String |  | Saving account type | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingAccountType" |
|  | SavingProduct:deferred:uri | String |  | Saving product | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingProduct" |
|  | SavingRate:deferred:uri | String |  | Saving rate | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate" |
|  | SavingRate1:deferred:uri | String |  | Saving rate 1 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate1" |
|  | SavingRate2:deferred:uri | String |  | Saving rate 2 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate2" |
|  | SavingRate3:deferred:uri | String |  | Saving rate 3 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154821459690700')/SavingRate3" |

## GetOnlineSavingAccountsList Service

### Description

1. Get online saving account list information
2. Endpoint: /cb/odata/services/onlinesavingservice/GetOnlineSavingAccountsList
3. Base service: GetOnlineSavingAccountsList
4. Http Method: GET
5. ChannelType: Mobile
6. Accept: application/json
7. Request sample: None
8. Responses sample:

{

"d": {

"results": [{

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ')",

"type": "com.sap.banking.common.endpoint.v1\_0.beans.Account"

},

"Id": "ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ",

"Number": "139460758",

"NumberMasked": "XXXXX0758",

"BankID": "1000",

"BankName": null,

"NickName": "Online Normal Saving",

"Type": "ONLINENORMALSAVING",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "ASSET",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"PriorDayBalance": "8500000",

"CurrentBalance": "8500000",

"AvailableBalance": "8500000",

"Favorite": false,

"BRANCHNO": "VN0010106",

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": "VND",

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": false,

"ACCOUNT\_TYPE\_T24": "AC",

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "01TD6001",

"OVERDRAFTLIMITREF": "",

"WORKINGBALANCE": "8500000",

"LINK\_ACC\_NO": "",

"ISLINKDEBITCARD": "",

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null

}]

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Unique identifier (per bank) for the customers account.  Format: accountNumber-accountType. | "ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "139460758" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "XXXXX0758" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "1000" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "Online Normal Saving" |
|  | Type | String |  | Account type abbr.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "ONLINENORMALSAVING" |
|  | Status | String |  | Not in use (default “PENDING”) | "PENDING" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "ASSET" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "1" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "660110110" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  | Name of account type | "Online Normal Saving - 139460758 Bal. ₫8,500,000" |
|  | PriorDayBalance | String |  | being assigned as available Balance, format : ##### (number) | "8500000" |
|  | CurrentBalance | String |  | being assigned as available Balance, format : ##### (number) | "8500000" |
|  | AvailableBalance | String |  | Available Balance, format : ##### (number) | "8500000" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  | Code of branch holding the account | "VN0010106" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "null" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "null" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  | Account currency | "VND" |
|  | INTERESTRATE | String |  |  | "null" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  | Indicates the Category code for the Account. | "6603" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  | Current account (card) status.  For account: ACTIVE, DORMART, INACTIVE  For Card: Card OK, Card Closed, Call Issuer, Pin Blocked, Pickup L41 | "ACTIVE" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  | true : if product code of account equal TD6017  false: if product code of account not equal TD6017 | "false" |
|  | ACCOUNT\_TYPE\_T24 | String |  | Account type (AC : account, Debit Card, CC: Credit card) | "AC" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  | Not in use (Account holder name) | "null" |
|  | CARD\_TYPE | String |  | Card type (PRIN, SUP) | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  | Product code | "01TD6001" |
|  | OVERDRAFTLIMITREF | String |  |  | "" |
|  | WORKINGBALANCE | String |  |  | "8500000" |
|  | LINK\_ACC\_NO | String |  |  | "" |
|  | ISLINKDEBITCARD | String |  |  | "" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |

## GetLockAmounts Service

### Description

1. Get lock amounts information
2. Endpoint: /cb/odata/services/onlinesavingservice/GetLockAmounts?AccountNo=%27139460758%27
3. Http Method: GET
4. ChannelType: Mobile
5. Accept: application/json
6. Request sample:

AccountNo: '139460758'

1. Responses sample:

{

"d": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/LockAccounts('139460758')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/LockAccounts('139460758')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.LockAccount"

},

"AccountNo": "139460758",

"Result": "UNLOCK",

"ResponseCode": "0",

"ResponseMsg": null

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
| 1. | AccountNo | String |  | Saving account no | "139460758" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
| 1. | AccountNo | String |  | Saving account no | "139460758" |
| 2. | Result | String |  | Result | "UNLOCK" |
| 3. | ResponseCode | String |  | Response code | "0" |
| 4. | ResponseMsg | String |  |  |  |

## GetSettleToAccountsList Service

### Description

1. Get settle to accounts list information
2. Endpoint: /cb/odata/services/onlinesavingservice/GetSettleToAccountsList?Currency=%27VND%27
3. Base service : GetSettleToAccountsList
4. Http Method: GET
5. ChannelType: Mobile
6. Accept: application/json
7. Request sample:

Currency: 'VND'

1. Responses sample:

{

"d": {

"results": [{

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ')",

"type": "com.sap.banking.common.endpoint.v1\_0.beans.Account"

},

"Id": "ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ",

"Number": "139403568",

"NumberMasked": "XXXXX3568",

"BankID": "1000",

"BankName": null,

"NickName": "Tài khoản thanh toán",

"Type": "NORMALACCOUNT",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "DEPOSIT",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"PriorDayBalance": "98801499126",

"CurrentBalance": "98801499126",

"AvailableBalance": "98801499126",

"Favorite": false,

"BRANCHNO": "VN0010106",

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": "VND",

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "1001",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": false,

"ACCOUNT\_TYPE\_T24": "AC",

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "011001",

"OVERDRAFTLIMITREF": "",

"WORKINGBALANCE": "98801499126",

"LINK\_ACC\_NO": "",

"ISLINKDEBITCARD": "",

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null

}]

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Currency | String |  | Account currency | "VND" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Unique identifier (per bank) for the customers account.  Format: accountNumber-accountType. | "ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "139403568" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "XXXXX3568" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "1000" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "Tài khoản thanh toán" |
|  | Type | String |  | Account type abbr.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "NORMALACCOUNT" |
|  | Status | String |  | Not in use (default “PENDING”) | "PENDING" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "DEPOSIT" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "1" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "660110110" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  | Name of account type | "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126" |
|  | PriorDayBalance | String |  | being assigned as available Balance, format : ##### (number) | "98801499126" |
|  | CurrentBalance | String |  | being assigned as available Balance, format : ##### (number) | "98801499126" |
|  | AvailableBalance | String |  | Available Balance, format : ##### (number) | "98801499126" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  | Code of branch holding the account | "VN0010106" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "null" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "null" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  | Account currency | "VND" |
|  | INTERESTRATE | String |  |  | "null" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  | Indicates the Category code for the Account. | "1001" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  | Current account (card) status.  For account: ACTIVE, DORMART, INACTIVE  For Card: Card OK, Card Closed, Call Issuer, Pin Blocked, Pickup L41 | "ACTIVE" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  | true : if product code of account equal TD6017  false: if product code of account not equal TD6017 | "false" |
|  | ACCOUNT\_TYPE\_T24 | String |  | Account type (AC : account, Debit Card, CC: Credit card) | "AC" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  | Not in use (Account holder name) | "null" |
|  | CARD\_TYPE | String |  | Card type (PRIN, SUP) | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  | Product code | "011001" |
|  | OVERDRAFTLIMITREF | String |  |  | "" |
|  | WORKINGBALANCE | String |  |  | "98801499126" |
|  | LINK\_ACC\_NO | String |  |  | "" |
|  | ISLINKDEBITCARD | String |  |  | "" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |

## OnlineSavings?action=verify Service

### Description

1. Get online savings verify information
2. Endpoint: /cb/odata/services/onlinesavingservice/OnlineSavings?action=verify
3. Http Method: POST
4. ChannelType: Mobile
5. Accept: application/json
6. Request sample:

{

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.OnlineSaving"

},

"Id": "50154587843525900",

"Number": null,

"NumberMasked": null,

"BankID": null,

"BankName": null,

"NickName": null,

"Type": "Unknown",

"Status": "0",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "0",

"PrimaryAccount": null,

"CoreAccount": null,

"RoutingNum": null,

"LocationID": null,

"AccountDisplayText": null,

"PriorDayBalance": null,

"CurrentBalance": null,

"AvailableBalance": null,

"Favorite": false,

"BRANCHNO": null,

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": "8500000",

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": null,

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": null,

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": null,

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": null,

"ACCOUNT\_TYPE\_T24": null,

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": null,

"OVERDRAFTLIMITREF": null,

"WORKINGBALANCE": null,

"LINK\_ACC\_NO": null,

"ISLINKDEBITCARD": null,

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null,

"FromAccountID": "selectID",

"DestinationAccountID": "ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ",

"FromAccountName": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"DestinationAccountName": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"BranchNo": null,

"OpenDate": null,

"ValueDate": null,

"CloseDate": null,

"PrincipleAmount": null,

"InterestAmount": null,

"InterestRate": null,

"Tenor": null,

"TermName": null,

"Id1": "50154587843525900",

"Id2": "50154587843525901",

"Id3": "50154587843525902",

"StatusAccount1": null,

"StatusAccount2": null,

"StatusAccount3": null,

"InterestRate1": null,

"InterestRate2": null,

"InterestRate3": null,

"Tenor1": null,

"Tenor2": null,

"Tenor3": null,

"TermName1": null,

"TermName2": null,

"TermName3": null,

"PrincipleAmount1": null,

"PrincipleAmount2": null,

"PrincipleAmount3": null,

"NumbersAccountChoise": null,

"ValueDate1": null,

"MaturityDate1": null,

"ValueDate2": null,

"MaturityDate2": null,

"ValueDate3": null,

"MaturityDate3": null,

"FrequencyName": null,

"MaturityDate": null,

"MaturityMethod": null,

"MaturityMethodName": null,

"EmployeeDAO": null,

"isIB": null,

"PromotionCode": null,

"AmountInWords": null,

"AmountInWords1": null,

"AmountInWords2": null,

"AmountInWords3": null,

"ESBFTRefrenceNumber": null,

"ErrorCode": null,

"ErrorDescription": null,

"IntroducerCIF": null,

"AccountTypeID": null,

"AccountTypeName": null,

"MATURITY\_METHOD\_VALUE": "[{\"id\":1,\"label\":\" Roll over automatically\"},{\"id\":2,\"label\":\" Settle automatically\"}]",

"MATURITYDATESTR": null,

"CifName": null,

"MaximumLimit": null,

"OverdraftInterestRate": null,

"IntAmountPaidBeforeTerm": null,

"AmountEndTerm": null,

"LostAmount": null,

"InterestKKH": null,

"BranchName": null,

"ActionType": null,

"OldMaturityMethod": null,

"OldMaturityMethodName": null,

"EvoucherCode": null,

"VoucherRate": null,

"BaseRate": null,

"FromAccount": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ')",

"type": "com.sap.banking.common.endpoint.v1\_0.beans.Account"

},

"Id": "ZW5jezcyZjkyYzJlYmI4YzFiMmU1ZWUyNjNiMGQ5YzI3MTdlfQ",

"Number": "139460758",

"NumberMasked": "XXXXX0758",

"BankID": "1000",

"BankName": null,

"NickName": "Online Normal Saving",

"Type": "ONLINENORMALSAVING",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "ASSET",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"PriorDayBalance": "8500000",

"CurrentBalance": "8500000",

"AvailableBalance": "8500000",

"Favorite": false,

"BRANCHNO": "VN0010106",

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": "VND",

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": false,

"ACCOUNT\_TYPE\_T24": "AC",

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "01TD6001",

"OVERDRAFTLIMITREF": "",

"WORKINGBALANCE": "8500000",

"LINK\_ACC\_NO": "",

"ISLINKDEBITCARD": "",

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null

},

"DestinationAccount": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/Accounts('ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ')",

"type": "com.sap.banking.common.endpoint.v1\_0.beans.Account"

},

"Id": "ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ",

"Number": "139403568",

"NumberMasked": "XXXXX3568",

"BankID": "1000",

"BankName": null,

"NickName": "Tài khoản thanh toán",

"Type": "NORMALACCOUNT",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "DEPOSIT",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"PriorDayBalance": "98801499126",

"CurrentBalance": "98801499126",

"AvailableBalance": "98801499126",

"Favorite": false,

"BRANCHNO": "VN0010106",

"OPENDATE": null,

"BRANCHNAME": null,

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": "VND",

"INTERESTRATE": null,

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "1001",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": false,

"ACCOUNT\_TYPE\_T24": "AC",

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "011001",

"OVERDRAFTLIMITREF": "",

"WORKINGBALANCE": "98801499126",

"LINK\_ACC\_NO": "",

"ISLINKDEBITCARD": "",

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null

},

"SavingAccountType": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType"

}

},

"SavingProduct": {

"Product\_ID": "6603"

},

"SavingRate": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate"

}

},

"SavingRate1": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1"

}

},

"SavingRate2": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2"

}

},

"SavingRate3": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3"

}

}

}

1. Responses sample:

{

"d": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.OnlineSaving"

},

"Id": "50154587843525900",

"Number": null,

"NumberMasked": null,

"BankID": null,

"BankName": null,

"NickName": null,

"Type": "Unknown",

"Status": "0",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "0",

"PrimaryAccount": null,

"CoreAccount": null,

"RoutingNum": null,

"LocationID": null,

"AccountDisplayText": null,

"PriorDayBalance": null,

"CurrentBalance": null,

"AvailableBalance": null,

"Favorite": false,

"BRANCHNO": null,

"OPENDATE": null,

"BRANCHNAME": "VPBank SÀI GÒN",

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": "8500000",

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": null,

"INTERESTRATE": "6.7%",

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": null,

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": null,

"ACCOUNT\_TYPE\_T24": null,

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "01TD6001",

"OVERDRAFTLIMITREF": null,

"WORKINGBALANCE": null,

"LINK\_ACC\_NO": null,

"ISLINKDEBITCARD": null,

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null,

"FromAccountID": "selectID",

"DestinationAccountID": "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ",

"FromAccountName": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"DestinationAccountName": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"BranchNo": null,

"OpenDate": "\/Date(1523328066929)\/",

"ValueDate": "\/Date(1523293200000)\/",

"CloseDate": null,

"PrincipleAmount": "8500000",

"InterestAmount": "0",

"InterestRate": null,

"Tenor": "11M",

"TermName": "11Month(s)",

"Id1": "50154587843525900",

"Id2": "50154587843525901",

"Id3": "50154587843525902",

"StatusAccount1": null,

"StatusAccount2": null,

"StatusAccount3": null,

"InterestRate1": null,

"InterestRate2": null,

"InterestRate3": null,

"Tenor1": null,

"Tenor2": null,

"Tenor3": null,

"TermName1": null,

"TermName2": null,

"TermName3": null,

"PrincipleAmount1": null,

"PrincipleAmount2": null,

"PrincipleAmount3": null,

"NumbersAccountChoise": null,

"ValueDate1": null,

"MaturityDate1": null,

"ValueDate2": null,

"MaturityDate2": null,

"ValueDate3": null,

"MaturityDate3": null,

"FrequencyName": null,

"MaturityDate": null,

"MaturityMethod": null,

"MaturityMethodName": null,

"EmployeeDAO": null,

"isIB": null,

"PromotionCode": null,

"AmountInWords": "Eight Millions Five Hundreds Thousands Vietnam Dong",

"AmountInWords1": null,

"AmountInWords2": null,

"AmountInWords3": null,

"ESBFTRefrenceNumber": null,

"ErrorCode": "0",

"ErrorDescription": null,

"IntroducerCIF": null,

"AccountTypeID": null,

"AccountTypeName": null,

"MATURITY\_METHOD\_VALUE": "[{\"id\":1,\"label\":\" Roll over automatically\"},{\"id\":2,\"label\":\" Settle automatically\"}]",

"MATURITYDATESTR": "10/03/2019",

"CifName": null,

"MaximumLimit": "0",

"OverdraftInterestRate": "9.2",

"IntAmountPaidBeforeTerm": "0",

"AmountEndTerm": "536688",

"LostAmount": "536688",

"InterestKKH": "0.1",

"BranchName": "VPBank SÀI GÒN",

"ActionType": null,

"OldMaturityMethod": null,

"OldMaturityMethodName": null,

"EvoucherCode": null,

"VoucherRate": null,

"BaseRate": null,

"FromAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount"

}

},

"DestinationAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount"

}

},

"SavingAccountType": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType"

}

},

"SavingProduct": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct"

}

},

"SavingRate": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate"

}

},

"SavingRate1": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1"

}

},

"SavingRate2": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2"

}

},

"SavingRate3": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3"

}

}

}

}

### Business rules

Customer sign in successful. When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Online saving ref. | "50154587843525900" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "null" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "null" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "null" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "null" |
|  | Type | String |  | Account type.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "Unknown" |
|  | Status | String |  | Not in use (default “PENDING”) | "0" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "0" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "null" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "null" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  |  | "null" |
|  | PriorDayBalance | String |  |  | "null" |
|  | CurrentBalance | String |  |  | "null" |
|  | AvailableBalance | String |  |  | "null" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  |  | "null" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "null" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "8500000" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  |  | "null" |
|  | INTERESTRATE | String |  | Interest of saving | "6.7%" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  |  | "null" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  |  | "null" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  |  | "null" |
|  | ACCOUNT\_TYPE\_T24 | String |  |  | "null" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  |  | "null" |
|  | CARD\_TYPE | String |  |  | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  |  | "null" |
|  | OVERDRAFTLIMITREF | String |  |  | "null" |
|  | WORKINGBALANCE | String |  |  | "null" |
|  | LINK\_ACC\_NO | String |  |  | "null" |
|  | ISLINKDEBITCARD | String |  |  | "null" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |
|  | FromAccountID | String |  |  | "selectID" |
|  | DestinationAccountID | String |  |  | "ZW5jezZmNTlmMWUzODJhZjhjZDVmNzUyZGQwZDkwMWEyZmJhfQ" |
|  | FromAccountName | String |  |  | "Online Normal Saving - 139460758 Bal. ₫8,500,000" |
|  | DestinationAccountName | String |  |  | "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126" |
|  | BranchNo | String |  |  | "null" |
|  | OpenDate | String |  | Effective date | "\/Date(1523328066929)\/" |
|  | ValueDate | String |  |  | "null" |
|  | CloseDate | String |  |  | "null" |
|  | PrincipleAmount | String |  |  | "null" |
|  | InterestAmount | String |  |  | "null" |
|  | InterestRate | String |  |  | "null" |
|  | Tenor | String |  | Term | "11M" |
|  | TermName | String |  |  | "null" |
|  | Id1 | String |  | Unique identifier | "50154587843525900" |
|  | Id2 | String |  | Unique identifier | "50154587843525901" |
|  | Id3 | String |  | Unique identifier | "50154587843525902" |
|  | StatusAccount1 | String |  |  | "null" |
|  | StatusAccount2 | String |  |  | "null" |
|  | StatusAccount3 | String |  |  | "null" |
|  | InterestRate1 | String |  |  | "null" |
|  | InterestRate2 | String |  |  | "null" |
|  | InterestRate3 | String |  |  | "null" |
|  | Tenor1 | String |  |  | "null" |
|  | Tenor2 | String |  |  | "null" |
|  | Tenor3 | String |  |  | "null" |
|  | TermName1 | String |  |  | "null" |
|  | TermName2 | String |  |  | "null" |
|  | TermName3 | String |  |  | "null" |
|  | PrincipleAmount1 | String |  |  | "null" |
|  | PrincipleAmount2 | String |  |  | "null" |
|  | PrincipleAmount3 | String |  |  | "null" |
|  | NumbersAccountChoise | String |  |  | "null" |
|  | ValueDate1 | String |  |  | "null" |
|  | MaturityDate1 | String |  |  | "null" |
|  | ValueDate2 | String |  |  | "null" |
|  | MaturityDate2 | String |  |  | "null" |
|  | ValueDate3 | String |  |  | "null" |
|  | MaturityDate3 | String |  |  | "null" |
|  | FrequencyName | String |  |  | "null" |
|  | MaturityDate | String |  |  | "null" |
|  | MaturityMethod | String |  |  | "null" |
|  | MaturityMethodName | String |  |  | "null" |
|  | EmployeeDAO | String |  |  | "null" |
|  | isIB | String |  |  | "null" |
|  | PromotionCode | String |  | Promotion code | "null" |
|  | AmountInWords | String |  |  | "null" |
|  | AmountInWords1 | String |  |  | "null" |
|  | AmountInWords2 | String |  |  | "null" |
|  | AmountInWords3 | String |  |  | "null" |
|  | ESBFTRefrenceNumber | String |  |  | "null" |
|  | ErrorCode | String |  |  | "null" |
|  | ErrorDescription | String |  |  | "null" |
|  | IntroducerCIF | String |  |  | "null" |
|  | AccountTypeID | String |  |  | "null" |
|  | AccountTypeName | String |  |  | "null" |
|  | MATURITY\_METHOD\_VALUE | String |  | Maturity method information | "[{"id":1,"label":" Roll over automatically"},{"id":2,"label":" Settle automatically"}]" |
|  | MATURITYDATESTR | String |  | Maturity date | "10/03/2019" |
|  | CifName | String |  |  | "null" |
|  | MaximumLimit | String |  |  | "null" |
|  | OverdraftInterestRate | String |  |  | "null" |
|  | IntAmountPaidBeforeTerm | String |  | Interest amount paid before term | "0" |
|  | AmountEndTerm | String |  | Amount at maturity | "536688" |
|  | LostAmount | String |  | Lost amount | "536688" |
|  | InterestKKH | String |  | Non-term interest rate | "0.1" |
|  | BranchName | String |  |  | "null" |
|  | ActionType | String |  |  | "null" |
|  | OldMaturityMethod | String |  |  | "null" |
|  | OldMaturityMethodName | String |  |  | "null" |
|  | EvoucherCode | String |  |  | "null" |
|  | VoucherRate | String |  |  | "null" |
|  | BaseRate | String |  |  | "null" |
|  | FromAccount | String |  | Source account |  |
|  | DestinationAccount | String |  | Destination account |  |
|  | SavingAccountType:deferred:uri | String |  | Saving account type | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType" |
|  | SavingProduct:Product\_ID | String |  | Saving product | "6603" |
|  | SavingRate:deferred:uri | String |  | Saving rate | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate" |
|  | SavingRate1:deferred:uri | String |  | Saving rate 1 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1" |
|  | SavingRate2:deferred:uri | String |  | Saving rate 2 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2" |
|  | SavingRate3:deferred:uri | String |  | Saving rate 3 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Online saving ref. | "50154587843525900" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "null" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "null" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "null" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "null" |
|  | Type | String |  | Account type.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "Unknown" |
|  | Status | String |  | Not in use (default “PENDING”) | "0" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "0" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "null" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "null" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  |  | "null" |
|  | PriorDayBalance | String |  |  | "null" |
|  | CurrentBalance | String |  |  | "null" |
|  | AvailableBalance | String |  |  | "null" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  |  | "null" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "VPBank SÀI GÒN" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "8500000" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  |  | "null" |
|  | INTERESTRATE | String |  |  | "6.7%" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  |  | "6603" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  |  | "null" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  |  | "null" |
|  | ACCOUNT\_TYPE\_T24 | String |  |  | "null" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  |  | "null" |
|  | CARD\_TYPE | String |  |  | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  |  | "01TD6001" |
|  | OVERDRAFTLIMITREF | String |  |  | "null" |
|  | WORKINGBALANCE | String |  |  | "null" |
|  | LINK\_ACC\_NO | String |  |  | "null" |
|  | ISLINKDEBITCARD | String |  |  | "null" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |
|  | FromAccountID | String |  |  | "selectID" |
|  | DestinationAccountID | String |  |  | "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ" |
|  | FromAccountName | String |  |  | "Online Normal Saving - 139460758 Bal. ₫8,500,000" |
|  | DestinationAccountName | String |  |  | "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126" |
|  | BranchNo | String |  |  | "null" |
|  | OpenDate | String |  |  | "/Date(1523328066929)/" |
|  | ValueDate | String |  |  | "/Date(1523293200000)/" |
|  | CloseDate | String |  |  | "null" |
|  | PrincipleAmount | String |  |  | "8500000" |
|  | InterestAmount | String |  |  | "0" |
|  | InterestRate | String |  |  | "null" |
|  | Tenor | String |  |  | "11M" |
|  | TermName | String |  |  | "11Month(s)" |
|  | Id1 | String |  | Unique identifier | "50154587843525900" |
|  | Id2 | String |  | Unique identifier | "50154587843525901" |
|  | Id3 | String |  | Unique identifier | "50154587843525902" |
|  | StatusAccount1 | String |  |  | "null" |
|  | StatusAccount2 | String |  |  | "null" |
|  | StatusAccount3 | String |  |  | "null" |
|  | InterestRate1 | String |  |  | "null" |
|  | InterestRate2 | String |  |  | "null" |
|  | InterestRate3 | String |  |  | "null" |
|  | Tenor1 | String |  |  | "null" |
|  | Tenor2 | String |  |  | "null" |
|  | Tenor3 | String |  |  | "null" |
|  | TermName1 | String |  |  | "null" |
|  | TermName2 | String |  |  | "null" |
|  | TermName3 | String |  |  | "null" |
|  | PrincipleAmount1 | String |  |  | "null" |
|  | PrincipleAmount2 | String |  |  | "null" |
|  | PrincipleAmount3 | String |  |  | "null" |
|  | NumbersAccountChoise | String |  |  | "null" |
|  | ValueDate1 | String |  |  | "null" |
|  | MaturityDate1 | String |  |  | "null" |
|  | ValueDate2 | String |  |  | "null" |
|  | MaturityDate2 | String |  |  | "null" |
|  | ValueDate3 | String |  |  | "null" |
|  | MaturityDate3 | String |  |  | "null" |
|  | FrequencyName | String |  |  | "null" |
|  | MaturityDate | String |  |  | "null" |
|  | MaturityMethod | String |  |  | "null" |
|  | MaturityMethodName | String |  |  | "null" |
|  | EmployeeDAO | String |  |  | "null" |
|  | isIB | String |  |  | "null" |
|  | PromotionCode | String |  |  | "null" |
|  | AmountInWords | String |  |  | "Eight Millions Five Hundreds Thousands Vietnam Dong" |
|  | AmountInWords1 | String |  |  | "null" |
|  | AmountInWords2 | String |  |  | "null" |
|  | AmountInWords3 | String |  |  | "null" |
|  | ESBFTRefrenceNumber | String |  |  | "null" |
|  | ErrorCode | String |  |  | "0" |
|  | ErrorDescription | String |  |  | "null" |
|  | IntroducerCIF | String |  |  | "null" |
|  | AccountTypeID | String |  |  | "null" |
|  | AccountTypeName | String |  |  | "null" |
|  | MATURITY\_METHOD\_VALUE | String |  | Maturity method information | "[{"id":1,"label":" Roll over automatically"},{"id":2,"label":" Settle automatically"}]" |
|  | MATURITYDATESTR | String |  |  | "10/03/2019" |
|  | CifName | String |  |  | "null" |
|  | MaximumLimit | String |  |  | "0" |
|  | OverdraftInterestRate | String |  |  | "9.2" |
|  | IntAmountPaidBeforeTerm | String |  |  | "0" |
|  | AmountEndTerm | String |  |  | "536688" |
|  | LostAmount | String |  |  | "536688" |
|  | InterestKKH | String |  |  | "0.1" |
|  | BranchName | String |  |  | "VPBank SÀI GÒN" |
|  | ActionType | String |  |  | "null" |
|  | OldMaturityMethod | String |  |  | "null" |
|  | OldMaturityMethodName | String |  |  | "null" |
|  | EvoucherCode | String |  |  | "null" |
|  | VoucherRate | String |  |  | "null" |
|  | BaseRate | String |  |  | "null" |
|  | FromAccount:deferred:uri | String |  | Source account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount" |
|  | DestinationAccount:deferred:uri | String |  | Destination account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount" |
|  | SavingAccountType:deferred:uri | String |  | Saving account type | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType" |
|  | SavingProduct:deferred:uri | String |  | Saving product | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct" |
|  | SavingRate:deferred:uri | String |  | Saving rate | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate" |
|  | SavingRate1:deferred:uri | String |  | Saving rate 1 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1" |
|  | SavingRate2:deferred:uri | String |  | Saving rate 2 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2" |
|  | SavingRate3:deferred:uri | String |  | Saving rate 3 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3" |

## Authentication Service

Reference **Authentication Service** in **Open UPL.docx**

## OnlineSavings?action=confirm Service

### Description

1. Get online savings confirm information
2. Endpoint: /cb/odata/services/onlinesavingservice/OnlineSavings?action=confirm
3. Http Method: POST
4. ChannelType: Mobile
5. Accept: application/json
6. Request sample:

{

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.OnlineSaving"

},

"Id": "50154587843525900",

"Number": null,

"NumberMasked": null,

"BankID": null,

"BankName": null,

"NickName": null,

"Type": "ONLINENORMALSAVING",

"Status": "0",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "0",

"PrimaryAccount": null,

"CoreAccount": null,

"RoutingNum": null,

"LocationID": null,

"AccountDisplayText": null,

"PriorDayBalance": null,

"CurrentBalance": null,

"AvailableBalance": null,

"Favorite": false,

"BRANCHNO": null,

"OPENDATE": null,

"BRANCHNAME": "VPBank SÀI GÒN",

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": "8500000",

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": null,

"INTERESTRATE": "6.7%",

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": null,

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": null,

"ACCOUNT\_TYPE\_T24": null,

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "01TD6001",

"OVERDRAFTLIMITREF": null,

"WORKINGBALANCE": null,

"LINK\_ACC\_NO": null,

"ISLINKDEBITCARD": null,

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null,

"FromAccountID": "selectID",

"DestinationAccountID": "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ",

"FromAccountName": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"DestinationAccountName": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"BranchNo": null,

"OpenDate": "\/Date(1523328066929)\/",

"ValueDate": "\/Date(1523293200000)\/",

"CloseDate": null,

"PrincipleAmount": "8500000",

"InterestAmount": "0",

"InterestRate": null,

"Tenor": "11M",

"TermName": "11Month(s)",

"Id1": "50154587843525900",

"Id2": "50154587843525901",

"Id3": "50154587843525902",

"StatusAccount1": null,

"StatusAccount2": null,

"StatusAccount3": null,

"InterestRate1": null,

"InterestRate2": null,

"InterestRate3": null,

"Tenor1": null,

"Tenor2": null,

"Tenor3": null,

"TermName1": null,

"TermName2": null,

"TermName3": null,

"PrincipleAmount1": null,

"PrincipleAmount2": null,

"PrincipleAmount3": null,

"NumbersAccountChoise": null,

"ValueDate1": null,

"MaturityDate1": null,

"ValueDate2": null,

"MaturityDate2": null,

"ValueDate3": null,

"MaturityDate3": null,

"FrequencyName": null,

"MaturityDate": null,

"MaturityMethod": null,

"MaturityMethodName": null,

"EmployeeDAO": null,

"isIB": null,

"PromotionCode": null,

"AmountInWords": "Eight Millions Five Hundreds Thousands Vietnam Dong",

"AmountInWords1": null,

"AmountInWords2": null,

"AmountInWords3": null,

"ESBFTRefrenceNumber": null,

"ErrorCode": "0",

"ErrorDescription": null,

"IntroducerCIF": null,

"AccountTypeID": null,

"AccountTypeName": null,

"MATURITY\_METHOD\_VALUE": "[{\"id\":1,\"label\":\" Roll over automatically\"},{\"id\":2,\"label\":\" Settle automatically\"}]",

"MATURITYDATESTR": "10/03/2019",

"CifName": null,

"MaximumLimit": "0",

"OverdraftInterestRate": "9.2",

"IntAmountPaidBeforeTerm": "0",

"AmountEndTerm": "536688",

"LostAmount": "536688",

"InterestKKH": "0.1",

"BranchName": "VPBank SÀI GÒN",

"ActionType": null,

"OldMaturityMethod": null,

"OldMaturityMethodName": null,

"EvoucherCode": null,

"VoucherRate": null,

"BaseRate": null,

"FromAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount"

}

},

"DestinationAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount"

}

},

"SavingAccountType": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType"

}

},

"SavingProduct": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct"

}

},

"SavingRate": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate"

}

},

"SavingRate1": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1"

}

},

"SavingRate2": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2"

}

},

"SavingRate3": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3"

}

}

}

1. Responses sample:

{

"d": {

"\_\_metadata": {

"id": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')",

"type": "com.sap.banking.custom.onlinesaving.endpoint.v1\_0.beans.OnlineSaving"

},

"Id": "50154587843525900",

"Number": null,

"NumberMasked": null,

"BankID": null,

"BankName": null,

"NickName": null,

"Type": "Unknown",

"Status": "0",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "0",

"PrimaryAccount": null,

"CoreAccount": null,

"RoutingNum": null,

"LocationID": null,

"AccountDisplayText": null,

"PriorDayBalance": null,

"CurrentBalance": null,

"AvailableBalance": null,

"Favorite": true,

"BRANCHNO": null,

"OPENDATE": null,

"BRANCHNAME": "VPBank SÀI GÒN",

"AVARAGEBALANCEPERMONTH": null,

"OVERDRAFTLIMIT": null,

"BALANCE": "8500000",

"BANKNO": null,

"ACCOUNTTYPE": null,

"ACCOUNTNUMBER": null,

"CURRENCY": null,

"INTERESTRATE": "0.1%",

"ECOMMERCESTATUS": null,

"MATURITYDATE": null,

"ACCRUEDINTEREST": null,

"TENOR": null,

"APPROVEDAMOUNT": null,

"TERMLOAN": null,

"OUTSTANDINGAMOUNT": null,

"INTERESTFORTHISPERIOD": null,

"PRINCIPALFORTHISPERIOD": null,

"THETOTALAMOUNTDUE": null,

"NEXTPRINCIPALPAYMENTDATE": null,

"NEXTINTERESTPAYMENTDATE": null,

"THETOTALOVERDUEPAYABLEAMOUNT": null,

"OVERDUEPRINCIPAL": null,

"PENALTYINTEREST": null,

"CONTRACTNUMBER": null,

"CURRENCYTYPE": null,

"CREDITLIMIT": null,

"CARDSTATUS": null,

"CARDTYPE": null,

"OUTSTANDINGBALANCE": null,

"STATEMENTBALANCE": null,

"SUMOFOUTSTANDINGAMOUNT": null,

"BLOCKEDAMOUNT": null,

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "6603",

"CITYNAME": null,

"CITYID": null,

"BRANCHID": null,

"ACCOUNTNAME": null,

"ACCOUNT\_STATUS": null,

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": null,

"ACCDETAILCURRENTBALANCE": null,

"LINKACCOUNT": null,

"PISACCOUNT": null,

"ISTD6017": null,

"ACCOUNT\_TYPE\_T24": null,

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null,

"VALIDTHROUGH": null,

"CARDTYPENAME": null,

"CONTRACT\_STATUS": null,

"PRODUCT\_STATUS": null,

"PRODUCTCODE": "01TD6001",

"OVERDRAFTLIMITREF": null,

"WORKINGBALANCE": null,

"LINK\_ACC\_NO": null,

"ISLINKDEBITCARD": null,

"LinkedDebitCards": null,

"DCLINKACCOUNTS": null,

"FromAccountID": "selectID",

"DestinationAccountID": "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ",

"FromAccountName": "Online Normal Saving - 139460758 Bal. ₫8,500,000",

"DestinationAccountName": "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126",

"BranchNo": null,

"OpenDate": "\/Date(1523328066929)\/",

"ValueDate": "\/Date(1523293200000)\/",

"CloseDate": null,

"PrincipleAmount": "8500000",

"InterestAmount": "0",

"InterestRate": null,

"Tenor": "11M",

"TermName": "11Month(s)",

"Id1": "50154587843525900",

"Id2": "50154587843525901",

"Id3": "50154587843525902",

"StatusAccount1": null,

"StatusAccount2": null,

"StatusAccount3": null,

"InterestRate1": null,

"InterestRate2": null,

"InterestRate3": null,

"Tenor1": null,

"Tenor2": null,

"Tenor3": null,

"TermName1": null,

"TermName2": null,

"TermName3": null,

"PrincipleAmount1": null,

"PrincipleAmount2": null,

"PrincipleAmount3": null,

"NumbersAccountChoise": null,

"ValueDate1": null,

"MaturityDate1": null,

"ValueDate2": null,

"MaturityDate2": null,

"ValueDate3": null,

"MaturityDate3": null,

"FrequencyName": null,

"MaturityDate": null,

"MaturityMethod": null,

"MaturityMethodName": null,

"EmployeeDAO": null,

"isIB": null,

"PromotionCode": null,

"AmountInWords": "Eight Millions Five Hundreds Thousands Vietnam Dong",

"AmountInWords1": null,

"AmountInWords2": null,

"AmountInWords3": null,

"ESBFTRefrenceNumber": null,

"ErrorCode": "0",

"ErrorDescription": null,

"IntroducerCIF": null,

"AccountTypeID": null,

"AccountTypeName": null,

"MATURITY\_METHOD\_VALUE": "[{\"id\":1,\"label\":\" Roll over automatically\"},{\"id\":2,\"label\":\" Settle automatically\"}]",

"MATURITYDATESTR": "10/03/2019",

"CifName": null,

"MaximumLimit": "0",

"OverdraftInterestRate": "9.2",

"IntAmountPaidBeforeTerm": "0",

"AmountEndTerm": "536688",

"LostAmount": "536688",

"InterestKKH": "0.1",

"BranchName": "VPBank SÀI GÒN",

"ActionType": null,

"OldMaturityMethod": null,

"OldMaturityMethodName": null,

"EvoucherCode": null,

"VoucherRate": null,

"BaseRate": null,

"FromAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount"

}

},

"DestinationAccount": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount"

}

},

"SavingAccountType": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType"

}

},

"SavingProduct": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct"

}

},

"SavingRate": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate"

}

},

"SavingRate1": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1"

}

},

"SavingRate2": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2"

}

},

"SavingRate3": {

"\_\_deferred": {

"uri": "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3"

}

}

}

}

### Business rules

When customer settle saving account, at the first screen, customer can know interest amount at that time.

### Integration Specification

**Request message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Online saving ref. | "50154587843525900" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "null" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "null" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "null" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "null" |
|  | Type | String |  | Account type.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "ONLINENORMALSAVING" |
|  | Status | String |  | Not in use (default “PENDING”) | "0" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "0" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "null" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "null" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  |  | "null" |
|  | PriorDayBalance | String |  |  | "null" |
|  | CurrentBalance | String |  |  | "null" |
|  | AvailableBalance | String |  |  | "null" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "false" |
|  | BRANCHNO | String |  |  | "null" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "VPBank SÀI GÒN" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "8500000" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  |  | "null" |
|  | INTERESTRATE | String |  |  | "6.7%" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  |  | "6603" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  |  | "null" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  |  | "null" |
|  | ACCOUNT\_TYPE\_T24 | String |  |  | "null" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  |  | "null" |
|  | CARD\_TYPE | String |  |  | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  |  | "01TD6001" |
|  | OVERDRAFTLIMITREF | String |  |  | "null" |
|  | WORKINGBALANCE | String |  |  | "null" |
|  | LINK\_ACC\_NO | String |  |  | "null" |
|  | ISLINKDEBITCARD | String |  |  | "null" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |
|  | FromAccountID | String |  |  | "selectID" |
|  | DestinationAccountID | String |  |  | "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ" |
|  | FromAccountName | String |  |  | "Online Normal Saving - 139460758 Bal. ₫8,500,000" |
|  | DestinationAccountName | String |  |  | "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126" |
|  | BranchNo | String |  |  | "null" |
|  | OpenDate | String |  |  | "/Date(1523328066929)/" |
|  | ValueDate | String |  |  | "/Date(1523293200000)/" |
|  | CloseDate | String |  |  | "null" |
|  | PrincipleAmount | String |  |  | "8500000" |
|  | InterestAmount | String |  |  | "0" |
|  | InterestRate | String |  |  | "null" |
|  | Tenor | String |  |  | "11M" |
|  | TermName | String |  |  | "11Month(s)" |
|  | Id1 | String |  |  | "50154587843525900" |
|  | Id2 | String |  |  | "50154587843525901" |
|  | Id3 | String |  |  | "50154587843525902" |
|  | StatusAccount1 | String |  |  | "null" |
|  | StatusAccount2 | String |  |  | "null" |
|  | StatusAccount3 | String |  |  | "null" |
|  | InterestRate1 | String |  |  | "null" |
|  | InterestRate2 | String |  |  | "null" |
|  | InterestRate3 | String |  |  | "null" |
|  | Tenor1 | String |  |  | "null" |
|  | Tenor2 | String |  |  | "null" |
|  | Tenor3 | String |  |  | "null" |
|  | TermName1 | String |  |  | "null" |
|  | TermName2 | String |  |  | "null" |
|  | TermName3 | String |  |  | "null" |
|  | PrincipleAmount1 | String |  |  | "null" |
|  | PrincipleAmount2 | String |  |  | "null" |
|  | PrincipleAmount3 | String |  |  | "null" |
|  | NumbersAccountChoise | String |  |  | "null" |
|  | ValueDate1 | String |  |  | "null" |
|  | MaturityDate1 | String |  |  | "null" |
|  | ValueDate2 | String |  |  | "null" |
|  | MaturityDate2 | String |  |  | "null" |
|  | ValueDate3 | String |  |  | "null" |
|  | MaturityDate3 | String |  |  | "null" |
|  | FrequencyName | String |  |  | "null" |
|  | MaturityDate | String |  |  | "null" |
|  | MaturityMethod | String |  |  | "null" |
|  | MaturityMethodName | String |  |  | "null" |
|  | EmployeeDAO | String |  |  | "null" |
|  | isIB | String |  |  | "null" |
|  | PromotionCode | String |  | Promotion code | "null" |
|  | AmountInWords | String |  |  | "Eight Millions Five Hundreds Thousands Vietnam Dong" |
|  | AmountInWords1 | String |  |  | "null" |
|  | AmountInWords2 | String |  |  | "null" |
|  | AmountInWords3 | String |  |  | "null" |
|  | ESBFTRefrenceNumber | String |  |  | "null" |
|  | ErrorCode | String |  |  | "0" |
|  | ErrorDescription | String |  |  | "null" |
|  | IntroducerCIF | String |  |  | "null" |
|  | AccountTypeID | String |  |  | "null" |
|  | AccountTypeName | String |  |  | "null" |
|  | MATURITY\_METHOD\_VALUE | String |  | Maturity method information | "[{"id":1,"label":" Roll over automatically"},{"id":2,"label":" Settle automatically"}]" |
|  | MATURITYDATESTR | String |  |  | "10/03/2019" |
|  | CifName | String |  |  | "null" |
|  | MaximumLimit | String |  |  | "0" |
|  | OverdraftInterestRate | String |  |  | "9.2" |
|  | IntAmountPaidBeforeTerm | String |  |  | "0" |
|  | AmountEndTerm | String |  |  | "536688" |
|  | LostAmount | String |  |  | "536688" |
|  | InterestKKH | String |  |  | "0.1" |
|  | BranchName | String |  |  | "VPBank SÀI GÒN" |
|  | ActionType | String |  |  | "null" |
|  | OldMaturityMethod | String |  |  | "null" |
|  | OldMaturityMethodName | String |  |  | "null" |
|  | EvoucherCode | String |  |  | "null" |
|  | VoucherRate | String |  |  | "null" |
|  | BaseRate | String |  |  | "null" |
|  | FromAccount:deferred:uri | String |  | Source account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount" |
|  | DestinationAccount:deferred:uri | String |  | Destination account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount" |
|  | SavingAccountType:deferred:uri | String |  | Saving account type | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType" |
|  | SavingProduct:deferred:uri | String |  | Saving product | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct" |
|  | SavingRate:deferred:uri | String |  | Saving rate | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate" |
|  | SavingRate1:deferred:uri | String |  | Saving rate 1 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1" |
|  | SavingRate2:deferred:uri | String |  | Saving rate 2 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2" |
|  | SavingRate3:deferred:uri | String |  | Saving rate 3 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3" |

**Response message**

| **No.** | **NAME** | **TYPE** | **REQ** | **DESCRIPTION** | **REMARKS** |
| --- | --- | --- | --- | --- | --- |
|  | Id | String |  | Online saving ref. | "50154587843525900" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "null" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "null" |
|  | BankID | String |  | ID of the Service Bureau this affiliate bank belongs to. | "null" |
|  | BankName | String |  |  | "null" |
|  | NickName | String |  | User assigned name for account that is more ‘friendly’. | "null" |
|  | Type | String |  | Account type.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "Unknown" |
|  | Status | String |  | Not in use (default “PENDING”) | "0" |
|  | CurrencyCode | String |  | Currency type the account should use. | "VND" |
|  | TrackingID | String |  |  | "null" |
|  | AccountGroup | String |  | Account group identifier | "0" |
|  | PrimaryAccount | String |  |  | "null" |
|  | CoreAccount | String |  | Flag to determine if this account is the user’s core account. Valid values are:  1: same CIF  2: different CIF | "null" |
|  | RoutingNum | String |  | Account routing number is an identification of a bank. | "null" |
|  | LocationID | String |  |  | "null" |
|  | AccountDisplayText | String |  |  | "null" |
|  | PriorDayBalance | String |  |  | "null" |
|  | CurrentBalance | String |  |  | "null" |
|  | AvailableBalance | String |  |  | "null" |
|  | Favorite | String |  | true: Favorite, false: Not favorite | "true" |
|  | BRANCHNO | String |  |  | "null" |
|  | OPENDATE | String |  |  | "null" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "VPBank SÀI GÒN" |
|  | AVARAGEBALANCEPERMONTH | String |  |  | "null" |
|  | OVERDRAFTLIMIT | String |  |  | "null" |
|  | BALANCE | String |  |  | "8500000" |
|  | BANKNO | String |  |  | "null" |
|  | ACCOUNTTYPE | String |  |  | "null" |
|  | ACCOUNTNUMBER | String |  |  | "null" |
|  | CURRENCY | String |  |  | "null" |
|  | INTERESTRATE | String |  |  | "0.1%" |
|  | ECOMMERCESTATUS | String |  |  | "null" |
|  | MATURITYDATE | String |  |  | "null" |
|  | ACCRUEDINTEREST | String |  |  | "null" |
|  | TENOR | String |  |  | "null" |
|  | APPROVEDAMOUNT | String |  |  | "null" |
|  | TERMLOAN | String |  |  | "null" |
|  | OUTSTANDINGAMOUNT | String |  |  | "null" |
|  | INTERESTFORTHISPERIOD | String |  |  | "null" |
|  | PRINCIPALFORTHISPERIOD | String |  |  | "null" |
|  | THETOTALAMOUNTDUE | String |  |  | "null" |
|  | NEXTPRINCIPALPAYMENTDATE | String |  |  | "null" |
|  | NEXTINTERESTPAYMENTDATE | String |  |  | "null" |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  |  | "null" |
|  | OVERDUEPRINCIPAL | String |  |  | "null" |
|  | PENALTYINTEREST | String |  |  | "null" |
|  | CONTRACTNUMBER | String |  |  | "null" |
|  | CURRENCYTYPE | String |  |  | "null" |
|  | CREDITLIMIT | String |  |  | "null" |
|  | CARDSTATUS | String |  |  | "null" |
|  | CARDTYPE | String |  |  | "null" |
|  | OUTSTANDINGBALANCE | String |  |  | "null" |
|  | STATEMENTBALANCE | String |  |  | "null" |
|  | SUMOFOUTSTANDINGAMOUNT | String |  |  | "null" |
|  | BLOCKEDAMOUNT | String |  |  | "null" |
|  | AVAILABLEAMOUNT | String |  |  | "null" |
|  | CARDNUMBER | String |  |  | "null" |
|  | MINIMUM\_PAYMENT\_DUE | String |  |  | "null" |
|  | PRODUCTID | String |  |  | "6603" |
|  | CITYNAME | String |  |  | "null" |
|  | CITYID | String |  |  | "null" |
|  | BRANCHID | String |  |  | "null" |
|  | ACCOUNTNAME | String |  |  | "null" |
|  | ACCOUNT\_STATUS | String |  |  | "null" |
|  | STATEMENT\_TERM | String |  |  | "null" |
|  | PRODUCTNAME | String |  |  | "null" |
|  | STATEMENTDAY | String |  |  | "null" |
|  | SML\_BANK\_ID | String |  |  | "null" |
|  | AUTO\_INACTIVE | String |  |  | "null" |
|  | OWNERSHIP | String |  |  | "null" |
|  | ECOMNICKNAME | String |  |  | "null" |
|  | ACCDETAILAVAILABLEBALANCE | String |  |  | "null" |
|  | ACCDETAILCURRENTBALANCE | String |  |  | "null" |
|  | LINKACCOUNT | String |  |  | "null" |
|  | PISACCOUNT | String |  |  | "null" |
|  | ISTD6017 | String |  |  | "null" |
|  | ACCOUNT\_TYPE\_T24 | String |  |  | "null" |
|  | CCCASHLIMIT | String |  |  | "null" |
|  | CCCASHFEE | String |  |  | "null" |
|  | CCCASHFEEMIN | String |  |  | "null" |
|  | CCBRANHCODE | String |  |  | "null" |
|  | PRIMARYACCTHOLDER | String |  |  | "null" |
|  | CARD\_TYPE | String |  |  | "null" |
|  | VALIDTHROUGH | String |  |  | "null" |
|  | CARDTYPENAME | String |  |  | "null" |
|  | CONTRACT\_STATUS | String |  |  | "null" |
|  | PRODUCT\_STATUS | String |  |  | "null" |
|  | PRODUCTCODE | String |  |  | "01TD6001" |
|  | OVERDRAFTLIMITREF | String |  |  | "null" |
|  | WORKINGBALANCE | String |  |  | "null" |
|  | LINK\_ACC\_NO | String |  |  | "null" |
|  | ISLINKDEBITCARD | String |  |  | "null" |
|  | LinkedDebitCards | String |  |  | "null" |
|  | DCLINKACCOUNTS | String |  |  | "null" |
|  | FromAccountID | String |  |  | "selectID" |
|  | DestinationAccountID | String |  |  | "ZW5jezZmNTlmMWUzODJhZjhjZDVmYzhhM2IwZGJkMjY3MjRhfQ" |
|  | FromAccountName | String |  |  | "Online Normal Saving - 139460758 Bal. ₫8,500,000" |
|  | DestinationAccountName | String |  |  | "Tài khoản thanh toán - 139403568 Bal. ₫98,801,499,126" |
|  | BranchNo | String |  |  | "null" |
|  | OpenDate | String |  |  | "/Date(1523328066929)/" |
|  | ValueDate | String |  |  | "/Date(1523293200000)/" |
|  | CloseDate | String |  |  | "null" |
|  | PrincipleAmount | String |  |  | "8500000" |
|  | InterestAmount | String |  |  | "0" |
|  | InterestRate | String |  |  | "null" |
|  | Tenor | String |  |  | "11M" |
|  | TermName | String |  |  | "11Month(s)" |
|  | Id1 | String |  | Unique identifier | "50154587843525900" |
|  | Id2 | String |  | Unique identifier | "50154587843525901" |
|  | Id3 | String |  | Unique identifier | "50154587843525902" |
|  | StatusAccount1 | String |  |  | "null" |
|  | StatusAccount2 | String |  |  | "null" |
|  | StatusAccount3 | String |  |  | "null" |
|  | InterestRate1 | String |  |  | "null" |
|  | InterestRate2 | String |  |  | "null" |
|  | InterestRate3 | String |  |  | "null" |
|  | Tenor1 | String |  |  | "null" |
|  | Tenor2 | String |  |  | "null" |
|  | Tenor3 | String |  |  | "null" |
|  | TermName1 | String |  |  | "null" |
|  | TermName2 | String |  |  | "null" |
|  | TermName3 | String |  |  | "null" |
|  | PrincipleAmount1 | String |  |  | "null" |
|  | PrincipleAmount2 | String |  |  | "null" |
|  | PrincipleAmount3 | String |  |  | "null" |
|  | NumbersAccountChoise | String |  |  | "null" |
|  | ValueDate1 | String |  |  | "null" |
|  | MaturityDate1 | String |  |  | "null" |
|  | ValueDate2 | String |  |  | "null" |
|  | MaturityDate2 | String |  |  | "null" |
|  | ValueDate3 | String |  |  | "null" |
|  | MaturityDate3 | String |  |  | "null" |
|  | FrequencyName | String |  |  | "null" |
|  | MaturityDate | String |  |  | "null" |
|  | MaturityMethod | String |  |  | "null" |
|  | MaturityMethodName | String |  |  | "null" |
|  | EmployeeDAO | String |  |  | "null" |
|  | isIB | String |  |  | "null" |
|  | PromotionCode | String |  | Promotion code | "null" |
|  | AmountInWords | String |  |  | "Eight Millions Five Hundreds Thousands Vietnam Dong" |
|  | AmountInWords1 | String |  |  | "null" |
|  | AmountInWords2 | String |  |  | "null" |
|  | AmountInWords3 | String |  |  | "null" |
|  | ESBFTRefrenceNumber | String |  |  | "null" |
|  | ErrorCode | String |  |  | "0" |
|  | ErrorDescription | String |  |  | "null" |
|  | IntroducerCIF | String |  |  | "null" |
|  | AccountTypeID | String |  |  | "null" |
|  | AccountTypeName | String |  |  | "null" |
|  | MATURITY\_METHOD\_VALUE | String |  | Maturity method information | "[{"id":1,"label":" Roll over automatically"},{"id":2,"label":" Settle automatically"}]" |
|  | MATURITYDATESTR | String |  |  | "10/03/2019" |
|  | CifName | String |  |  | "null" |
|  | MaximumLimit | String |  |  | "0" |
|  | OverdraftInterestRate | String |  |  | "9.2" |
|  | IntAmountPaidBeforeTerm | String |  |  | "0" |
|  | AmountEndTerm | String |  |  | "536688" |
|  | LostAmount | String |  |  | "536688" |
|  | InterestKKH | String |  |  | "0.1" |
|  | BranchName | String |  |  | "VPBank SÀI GÒN" |
|  | ActionType | String |  |  | "null" |
|  | OldMaturityMethod | String |  |  | "null" |
|  | OldMaturityMethodName | String |  |  | "null" |
|  | EvoucherCode | String |  |  | "null" |
|  | VoucherRate | String |  |  | "null" |
|  | BaseRate | String |  |  | "null" |
|  | FromAccount:deferred:uri | String |  | Source account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/FromAccount" |
|  | DestinationAccount:deferred:uri | String |  | Destination account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/DestinationAccount" |
|  | SavingAccountType:deferred:uri | String |  | Saving account | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingAccountType" |
|  | SavingProduct:deferred:uri | String |  | Saving product | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingProduct" |
|  | SavingRate:deferred:uri | String |  | Saving rate | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate" |
|  | SavingRate1:deferred:uri | String |  | Saving rate 1 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate1" |
|  | SavingRate2:deferred:uri | String |  | Saving rate 2 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate2" |
|  | SavingRate3:deferred:uri | String |  | Saving rate 3 | "https://s149.online.vpbank.com.vn:8080/cb/odata/services/onlinesavingservice/OnlineSavings('50154587843525900')/SavingRate3" |

# 2. Sequence

Call APIs from the api list above (based on Number Order)

## Saving info

## Call 1.1

## Settle Online Saving

## Call 1.2->call 1.3->call 1.4->call 1.5

## Review

## Call 1.6

## Success

## Call 1.8->call 1.7->call 1.8