Integration Requirement Specification Document

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**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Version | Change Reference |
| 19/11/2018 | khoand | 1.0 | New create |
| 09/01/2019 | khoand | 1.1 | Change service LoanAccounts to GetAccountDetailById |
|  |  |  |  |

**Reviewers**

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# Document Overview

## Document Purpose

*Provide a high level overview of project*.

## Reference Document

|  |  |  |  |
| --- | --- | --- | --- |
| Reference Document | Attachment | Version | Description |
| BRD | Lend013b\_Loan Detail |  |  |
| BRD | Main001\_My Finance.doc | 1.1 | 3.2. Ý nghĩa các trường/Description |
|  |  |  |  |

## 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** |
|  | GetAccountDetailById Service  /cb/odata/services/accountservice/GetAccountDetailsByID?Id=%27ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ%27) | **Modify**  **ESB** |

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 .

## GetAccountDetailById Service

### Description

* Get account information
* Endpoint: /cb/odata/services/accountservice/GetAccountDetailsByID?Id=%27ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ%27
* Http Method: GET
* channelType: Mobile
* Accept: application/json
* Request sample: None
* Response sample:

{

"d": {

"results": [

{

"\_\_metadata": {

"id": "http://s150.online.vpbank.com.vn:8080/cb/odata/services/accountservice/Accounts('ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ')",

"uri": "http://s150.online.vpbank.com.vn:8080/cb/odata/services/accountservice/Accounts('ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ')",

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

},

"Id": "ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ",

"Number": "139246861",

"NumberMasked": "XXXXX6861",

"BankID": "1000",

"BankName": null,

"NickName": "VPSuper Account",

"Type": "VPSUPERACCOUNT",

"Status": "PENDING",

"CurrencyCode": "VND",

"TrackingID": null,

"AccountGroup": "Current Accounts",

"PrimaryAccount": null,

"CoreAccount": "1",

"RoutingNum": "660110110",

"LocationID": null,

"AccountDisplayText": "VPSuper Account - 139246861 Bal. 50,000,000 ₫",

"PriorDayBalance": "50000000",

"CurrentBalance": "50000000",

"AvailableBalance": "50000000",

"Favorite": false,

"BRANCHNO": "VN0010001",

"OPENDATE": "05/05/2016",

"BRANCHNAME": "VPBANK HOI SO",

"AVARAGEBALANCEPERMONTH": "43,548,387 ₫",

"OVERDRAFTLIMIT": "0",

"BALANCE": null,

"BANKNO": null,

"ACCOUNTTYPE": "Tài khoản VPSuper",

"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": "0 ₫",

"AVAILABLEAMOUNT": null,

"CARDNUMBER": null,

"MINIMUM\_PAYMENT\_DUE": null,

"PRODUCTID": "1005",

"CITYNAME": "Hà Nội",

"CITYID": "1",

"BRANCHID": "4310",

"ACCOUNTNAME": "NGUYEN VAN HUNG",

"ACCOUNT\_STATUS": "ACTIVE",

"STATEMENT\_TERM": null,

"PRODUCTNAME": null,

"STATEMENTDAY": null,

"SML\_BANK\_ID": null,

"AUTO\_INACTIVE": null,

"OWNERSHIP": null,

"ECOMNICKNAME": null,

"ACCDETAILAVAILABLEBALANCE": "50,000,000 ₫",

"ACCDETAILCURRENTBALANCE": "50,000,000 ₫",

"LINKACCOUNT": "",

"PISACCOUNT": "1",

"ISTD6017": false,

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

"CCCASHLIMIT": null,

"CCCASHFEE": null,

"CCCASHFEEMIN": null,

"CCBRANHCODE": null,

"PRIMARYACCTHOLDER": null,

"CARD\_TYPE": null

}

]

}

}

### Business rules

* Customer logs in Mobile App.
* System call this service to login.

### 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.  (Hashed) | "ZW5jezgxMzEyYmI0NTQyY2EyOTlhZTQyNGZlZDY5ZmY3NzI1fQ" |
|  | Number | String |  | Unique identifier (per bank) for the customers account. (Not yet hashed) | "139246861" |
|  | NumberMasked | String |  | Unique identifier (per bank) for the customers account. (Masked) | "XXXXX6861" |
|  | 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’. | "VPSuper Account" |
|  | Type | String |  | Account type abbr.  Example: NORMALACCOUNT, VPSTAFFACCOUNT, ONLINEEASYSAVING, … | "VPSUPERACCOUNT" |
|  | Status | String |  | Not in use (default “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 | "Current 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) | "VPSuper Account - 139246861 Bal. 50,000,000 ₫" |
|  | PriorDayBalance | String |  | + being assigned as WorkingBalance for current account  + being assigned as principal amount for normal saving account  format : ##### (number) | "50000000" |
|  | CurrentBalance | String |  | + being assigned as WorkingBalance for current account  + being assigned as principal amount for normal saving account  format : ##### (number) | "50000000" |
|  | AvailableBalance | String |  | Available Balance, format : ##### (number) | "50000000" |
|  | Favorite | String |  | true: Favorite, false: Not favorite |  |
|  | BRANCHNO | String |  | Code of branch holding the account | "VN0010001" |
|  | OPENDATE | String |  | Open date of account | "05/05/2016" |
|  | BRANCHNAME | String |  | Name of branch holding the account | "VPBANK HOI SO" |
|  | AVARAGEBALANCEPERMONTH | String |  | The monthly average amount of account, format: ##,###,### đ | "43,548,387 ₫" |
|  | OVERDRAFTLIMIT | String |  | Overdaft limit for current account, format: number | "100,000,000" |
|  | BALANCE | String |  |  |  |
|  | BANKNO | String |  |  |  |
|  | ACCOUNTTYPE | String |  | Name of account type | "Tài khoản VPSuper" |
|  | ACCOUNTNUMBER | String |  |  |  |
|  | CURRENCY | String |  | Account currency | "VND" |
|  | INTERESTRATE | String |  | Interest rate for normal saving account& easy saving account& loan contrat (account)& Card |  |
|  | ECOMMERCESTATUS | String |  | Ecommerce status for card |  |
|  | MATURITYDATE | String |  | Maturity date for normal saving account& easy saving account& loan contrat (account) |  |
|  | ACCRUEDINTEREST | String |  | Accrued interest for for normal saving account& easy saving account |  |
|  | TENOR | String |  | Term for normal saving account& easy saving account |  |
|  | APPROVEDAMOUNT | String |  | Approved amount for loan contrat (account) |  |
|  | TERMLOAN | String |  | Term for loan contrat (account) |  |
|  | OUTSTANDINGAMOUNT | String |  | Outstanding amount for loan contrat (account), format: ##,###,### đ |  |
|  | INTERESTFORTHISPERIOD | String |  | Period interest amount for loan contrat (account) |  |
|  | PRINCIPALFORTHISPERIOD | String |  | Period principle amount for loan contrat (account) |  |
|  | THETOTALAMOUNTDUE | String |  | The total amount for loan contrat (account) = INTERESTFORTHISPERIOD + RINCIPALFORTHISPERIOD |  |
|  | NEXTPRINCIPALPAYMENTDATE | String |  | Next pay principle date for loan contrat (account) |  |
|  | NEXTINTERESTPAYMENTDATE | String |  | Next pay interest date for loan contrat (account) |  |
|  | THETOTALOVERDUEPAYABLEAMOUNT | String |  | Total principle and interest past due for loan contrat (account) |  |
|  | OVERDUEPRINCIPAL | String |  | Past due principle amount for loan contrat (account) |  |
|  | PENALTYINTEREST | String |  | Penalty interest amount for loan contrat (account) |  |
|  | CONTRACTNUMBER | String |  | Contract number for loan contrat (account)& card |  |
|  | CURRENCYTYPE | String |  |  |  |
|  | CREDITLIMIT | String |  | Credit limit for card, format: ##,###,### đ |  |
|  | CARDSTATUS | String |  | + equal to "Card OK": Ready and (Card OK or PIN Blocked) from card status  + equal to “PIN Blocked”: Locked and (Card OK or Pin Blocked) from card status  + and other status from card status |  |
|  | CARDTYPE | String |  | Card type |  |
|  | OUTSTANDINGBALANCE | String |  | Outstanding balance for card, format: ##,###,### đ | "12,000,000" |
|  | STATEMENTBALANCE | String |  | Being assigned as outstanding balance for card, format: ##,###,### đ |  |
|  | SUMOFOUTSTANDINGAMOUNT | String |  | Total outstanding amount for card, format: ##,###,### đ |  |
|  | BLOCKEDAMOUNT | String |  | Blocked amount, format: ##,###,### đ | "0 ₫" |
|  | AVAILABLEAMOUNT | String |  | Available amount for card, format: ##,###,### đ |  |
|  | CARDNUMBER | String |  | Card number |  |
|  | MINIMUM\_PAYMENT\_DUE | String |  | The minimum payment amount for card, format: ##,###,### đ |  |
|  | PRODUCTID | String |  | Indicates the Category code for the Account. | "1005" |
|  | CITYNAME | String |  | Name of city holding the account | "Hà Nội" |
|  | CITYID | String |  | Id of city holding the account | "1" |
|  | BRANCHID | String |  | Id of branch holding the account | "4310" |
|  | ACCOUNTNAME | String |  | Account name | "NGUYEN VAN HUNG" |
|  | 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 |  |  |  |
|  | STATEMENTDAY | String |  | Statement day for Card |  |
|  | SML\_BANK\_ID | String |  |  |  |
|  | AUTO\_INACTIVE | String |  |  |  |
|  | OWNERSHIP | String |  | Equal to “1”: is a joint account  Not equal to “1”: isn’t a joint account |  |
|  | ECOMNICKNAME | String |  |  |  |
|  | ACCDETAILAVAILABLEBALANCE | String |  | Available Balance, format: ##,###,### đ | "50,000,000 ₫" |
|  | ACCDETAILCURRENTBALANCE | String |  | + being assigned as working balance for current account  + being assigned as principal amount for normal saving account& easy saving account  + being asigned as available balance for card  format: ##,###,### đ | "50,000,000 ₫" |
|  | LINKACCOUNT | String |  |  |  |
|  | PISACCOUNT | String |  | Equal to “1”: to display Link account in UI  Not equal to “1”: don’t display Link account in UI | "1" |
|  | 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 |  | Not in use (Account holder name) |  |
|  | CARD\_TYPE | String |  | Card type (PRIN, SUP) |  |

# 2. Sequence

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

## Overdraft Overview Service

## Call 1