**API Description Document**

**Requestor**

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| --- | --- |
| Requestor:  Arpitam Das | Date:  13– Apr – 17 |
| Designation  Manager | Department  BSG |

**Approvals**

|  |  |
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| Please add additional rows if you have additional stakeholders that need to approve this document. | |
| Comments: | |

**Revision History**

|  |  |  |  |  |  |
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| Document/Dept. Owner: | BSG | | | | |
| Created By: | Arpitam Das | | Date: | | 13– Apr – 17 |
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# This document needs to be completed by BSG & IT/Vendor for each Application /API.

# Introduction

*Please specify what is the project/ Lsit of APIs are listed herewith*

# List of API

*List down the APIs part of the projects:*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | List of Accounts from CorpID | Provides list of accounts against the CorpID in input. |

## API Name

*getListofAccountsfromCorpID*

## Description

*Account related information of all accounts provided for a particular CorpID.*

## Process flow, UML Diagram

*Please add detailed process flow, UML diagram where were necessary.*

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

https://apideveloper.rblbank.com/test/sb/rbl/v1/accounts/getlistofaccounts

## Request Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric  MaxLength=20  MinLength=2 | Transaction ID generated by consumer which is unique |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric  MaxLength=20 | Unique ID assigned to each enrolled Corporate |
| Maker\_ID | Maker Id | Maker\_ID | String | Alphanumeric  MaxLength=20 | Unique ID for request creator |
| Checker\_ID | Checker Id | Checker\_ID | String | Alphanumeric  MaxLength=20 | Unique ID for request checker |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric  MaxLength=20 | Unique ID for request approver |
| Branch\_ID | Branch Id | Branch\_ID | Numeric | (minInclusive =1 maxInclusive = 9999) | Branch Identifier.Used to indicate which branch the account is held with |
| Corp\_ID | Corporate Id | Corp\_ID | String | Alphanumeric  MaxLength=20 | Unique ID assigned to each enrolled Corporate |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Request Sample

*{*

*"getListofAccountsfromCorpIDReq":{*

*"Header": {*

*"TranID": "TranID",*

*"Corp\_ID": "Corp\_ID",*

*"Maker\_ID": "Maker\_ID",*

*"Checker\_ID": "Checker\_ID",*

*"Approver\_ID": "Approver\_ID"*

*},*

*"Body": {*

*"BranchID": "0088",*

*"Corp\_ID": "Corp\_ID"*

*},*

*"Signature": {*

*"Signature": "12345"*

*}*

*}*

*}*

Response Parameters

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | | **Parameter Constraints** | **Comments** | | |
| TranID | Transaction Id | TranID | String | | MaxLength=20 | Transaction ID generated by consumer which is unique | | |
| Corp\_ID | Corporate Id | Corp\_ID | String | MaxLength=20 | | Unique ID assigned to each enrolled Corporate |  |  |
| Maker\_ID | Maker Id | Maker\_ID | String | MaxLength=20 | | Unique ID for request creator |  |  |
| Checker\_ID | Checker Id | Checker\_ID | String | MaxLength=20 | | Unique ID for request checker |  |  |
| Approver\_ID | Approver Id | Approver\_ID | String | MaxLength=20 | | Unique ID for request approver |  |  |
| Status | Status | Status | String |  | | SUCCESS/ FAILURE |  |  |
| Error\_Cde | Error Code | Error\_Cde | String |  | | If Error occurs provides error code | | |
| Error\_Desc | Error Description | Error\_Desc | String |  | | If Error occurs provides error description | | |
| amountValue | Amount | amountValue | String |  | | Provides available balance amount of each account | | |
| currencyCode | Currency Code | currencyCode | String | MaxLength=3 | | Provides Currency Code of the amount | | |
| acctCurrCode | Account Currency Code | acctCurrCode | String | MaxLength=3 | | E.g: INR | | |
| acctNumber | Account Number | AcctNumber | String | MaxLength=16 | | Holds the Finacle Account ID. | | |
| acctType | Account Type | acctType | String | MaxLength=3 | | ODA/LAA/TDA/SBA | | |
| Signature | Signature | Signature | String | No max length defined. | | Encrypted key for authenticating the request. Currently not required. | | |

## Response Sample

*{*

*"getListofAccountsfromCorpIDRes": {*

*"Header": {*

*"TranID": "TranID",*

*"Corp\_ID": "Corp\_ID",*

*"Maker\_ID": "Maker\_ID",*

*"Checker\_ID": "Checker\_ID",*

*"Approver\_ID": "Approver\_ID",*

*"Status": "Status",*

*"Error\_Cde": "Error\_Cde",*

*"Error\_Desc": "Error\_Desc"*

*},*

*"Body": {*

*"cifInfo": [*

*{*

*"acctBalance": {*

*"amountValue": "63.64149999999999",*

*"currencyCode": "INR"*

*},*

*"acctCurrCode": "INR",*

*"acctNumber": "1008810030000236",*

*"acctType": "ODA"*

*},*

*{*

*"acctBalance": {*

*"amountValue": "-1873.69",*

*"currencyCode": "INR"*

*},*

*"acctCurrCode": "INR",*

*"acctNumber": "809000441109 ",*

*"acctType": "LAA"*

*}*

*]*

*},*

*"Signature": {*

*"Signature": "12345"*

*}*

*}*

*}*

## Response Codes

|  |  |  |
| --- | --- | --- |
| **Response Stage** | **Response Code** | **Response Message** |
| SUCCESS |  | SUCCESS |
| FAILURE |  | FAILURE |

## Error Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Error Code** | **Error Type** | **Short Message** | **Long Message** | **Correcting This Error** | **Error Type** |
| ER001 | General | Improper JSON Format | Improper JSON Format |  |  |
| ER002 | Validation | Schema Validation Failure | Schema Validation Failure |  |  |
| ER003 | Validation | Invalid CorpId | Invalid CorpId |  |  |
| ER004 | Technical | Technical Failure | Technical Failure |  |  |
| ER006 | Technical | Timeout Exception Occurred | Timeout Exception Occurred |  |  |
| ER007 | Business | Other FI Error | Other FI Error |  |  |
| ER008 | Validation | Invalid Corporate Hierarchy | Invalid Corporate Hierarchy |  |  |
| ER017 | Technical | Error Occurred While Calling FI Service | Error Occurred While Calling FI Service |  |  |
| ER018 | DB Error | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database |  |  |
| ER021 | Validation | Request not valid for the given CorpId | Request not valid for the given CorpId |  |  |

# Appendix

List of mandatory tags for request and response

