**<Get Account Balance>**

**API Specification Document**

**Table of Contents**

[1. Scope and Business Case Overview 4](#__RefHeading___Toc413661394)

[1.1 Project Overview 4](#__RefHeading___Toc413661395)

[1.2 Current process & opportunity 4](#__RefHeading___Toc413661396)

[1.3 High-level business requirements 4](#__RefHeading___Toc413661397)

[1.3.1 Functional Requirement 4](#__RefHeading___Toc413661398)

[1.3.2 Non- Functional Requirement 4](#__RefHeading___Toc413661399)

[1.4 Business Benefit Case 4](#__RefHeading___Toc413661400)

[1.4.1 Financial Benefit 4](#__RefHeading___Toc413661401)

[1.4.2 Non-Financial Benefit 4](#__RefHeading___Toc413661402)

[2. Acceptance Criteria & Project Plan 5](#__RefHeading___Toc413661403)

# This document needs to be completed by BSG & IT/Vendor for each Application /API.

# *Introduction*

*By using this API we can get customer account balance mentioned in request*

# *List of API*

*List down the ……….*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | Account Balance from Account Number. | Provides Account Balance of the account number provided in input. |

## API Name

1. *getAccountBalance*

## Description

1. *Account balance provided for a particular Account Number.*

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

<https://apideveloper.rblbank.com/test/sb/rbl/v1/accounts/balance/query>

***Access Requirement***

## Request Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric & ‘\_’  MaxLength=16 | 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 |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric & ‘\_’  MaxLength=20 | Unique ID for request approver |
| AcctId | AcctId | AcctId | String | Alphanumeric & ‘\_’  MaxLength=16 | Account Number for which balance is required |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Request Sample

*{*

*"getAccountBalanceReq": {*

*"Header": {*

*"TranID": "1234678901234567",*

*"Corp\_ID": "MC005",*

*"Approver\_ID": "A001"*

*},*

*"Body": {*

*"AcctId": "1256905"*

*},*

*"Signature": {*

*"Signature": "12345"*

*}*

*}*

*}*

## Response Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | String | Alphanumeric & ‘\_’  MaxLength=16 | 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 |  |  |  |
| Approver\_ID | Approver Id | Approver\_ID | String | Alphanumeric & ‘\_’  MaxLength=20 | Unique ID for request approver |  |  |  |
| Status | Status | Status | String |  | SUCCESS/ FAILURE |  |  |  |
| Error\_Cde | Error Code | Error\_Cde | String |  |  |  |  |  |
| Error\_Desc | Error Description | Error\_Desc | String |  |  |  |  |  |
| amountValue | Amount | amountValue | String |  | Provides effective available balance of the account |
| currencyCode | Currency Code | currencyCode | String |  | Provides Currency Code of the amount |
| Signature | Signature | Signature | String | No max length defined. | Encrypted key for authenticating the request. Currently not required. |

## Response Sample

*{"getAccountBalanceRes": {*

*"Header": {*

*"TranID": "1234678901234567",*

*"Corp\_ID": "MC005",*

*"Approver\_ID": "A001",*

*"Status": "SUCCESS",*

*"Error\_Cde": "",*

*"Error\_Desc": ""*

*},*

*"Body": {"BalAmt": {*

*"amountValue": "243679020.43",*

*"currencyCode": {}*

*}},*

*"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 Account Hierarchy | Invalid Account Hierarchy |  |  |
| ER017 | Technical | Error Occurred While Calling the Provider Service | Error Occurred While Calling the Provider Service |  |  |
| ER018 | DB Error | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database |  |  |

# *Appendix*

***List of mandatory tags in request and response***

|  |  |  |
| --- | --- | --- |
| **TITLE** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
| AcctId | Account Number | Mandatory field |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **ERROR** | | |
| **FIELDS** | **TAGS MANDATORY** | **VALUES MANDATORY** |
|  |  |  |
|  |  |  |
|  |  |  |