**Bank Account API**

1) Get Balance

Endpoint: <http://localhost:8080/BankAccount/balance>

HTTP Methods Allowed: GET

HTTP Methods Not Allowed: POST, PUT, DELETE, HEAD

Client Parameters: None

Server Response:

{"amount" : "balance value"}

for example:

{"amount":"50300.89"}

1. Deposit Amount

Endpoint: [http://localhost:8080/BankAccount/deposit](http://localhost:8080/BankAccount/balance)

HTTP Methods Allowed: POST

HTTP Methods Not Allowed: GET, PUT, DELETE, HEAD

Client Parameters:

{"amount" : "value"}

for example

{"amount" : "200"}

Server Response:

{"response" : "value"}

for example

{"response" : "DEPOSIT\_OK"}

1. Withdraw Amount

Endpoint: [http://localhost:8080/BankAccount/withdraw](http://localhost:8080/BankAccount/balance)

HTTP Methods Allowed: POST

HTTP Methods Not Allowed: GET, PUT, DELETE, HEAD

Client Parameters:

{"amount" : "value"}

for example

{"amount" : "200"}

Server Response:

{"response" : "value"}

for example

{"response" : "WITHDRAWAL\_OK"}

Account Codes

The following are response codes that are obtained upon a Deposit or Withdrawal.

EXCEEDED\_MAXIMUM\_DEPOSIT\_PER\_TRANSACTION

EXCEEDED\_MAXIMUM\_DEPOSIT\_FREQUENCY\_PER\_DAY

EXCEEDED\_MAXIMUM\_DEPOSIT\_AMOUNT\_PER\_DAY

DEPOSIT\_OK

EXCEEDED\_MAXIMUM\_WITHDRAWAL\_PER\_TRANSACTION

EXCEEDED\_MAXIMUM\_WITHDRAWAL\_FREQUENCY\_PER\_DAY

EXCEEDED\_MAXIMUM\_WITHDRAWAL\_AMOUNT\_PER\_DAY

INSUFFICIENT\_BALANCE

WITHDRAWAL\_OK