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Legend:

Function Name
Parameter
Parameter Requirement
JSON key
JSON value
Inner JSON

Info:

- All returned JSONs will have an "Error" key. If its value is false, the JSON is a success response. If its value is true, the JSON is an error response
- ALWAYS check that the "Error" value is false before attempting to extract other expected values from a returned JSON
- If a parameter requirement is not met, the returned JSON will be an error response
- JSON values with asterisks are variable, but will always be of the type specified between the asterisks
 - i.e.
 - "*string*" may be "Transaction Failed: Insufficient Funds"
 - *boolean* may be false
 - "\$*number with at least one digit before the decimal and exactly two digits after the decimal*" may be "\$175.70"
- The database schema sets a maximum account balance of \$999,999,999,999.99. Therefore, initial deposits, deposits, withdraws, and transfer amounts may not exceed this value
- Due to the interweaving use of multiple formatted standards like SQL, JDBC, and JSON: apostrophe's, quotes, backslashes, and semicolons are illegal characters across the service. This means they cannot be included in values for names, passwords, addresses, account names, etc.
- JSONs are case-sensitive
 - Boolean values must be written in lower case (true or false NOT True or False)
 - JSON key strings will be written exactly as described ("Address" is not the same as "address")
- "Time of Transaction" values are in UTC (Coordinated Universal Time)

Register User

```
Description:
• Attempts to register a new user
Input JSON:
       key:value pairs:
          o "Function": "Register User"
          o "First Name":"*string*"
          o "Last Name": "*string*"
          o "Password": "*string*"
           o "Address":"*string*"
   - Example:
       {"Function": "Register User", "First Name": "John", "Last
       Name": "Doe", "Password": "SecurePassword", "Address": "739 Warriors Way, San Francisco, CA 94158"}
Parameters:
• String First Name - The new user's first name
       - max length: 30 characters, cannot contain ' " ; \
• String Last Name - The new user's last name
- max length: 30 characters, cannot contain ' " ; \
• String Password - The new user's password
       - max length: 30 characters, cannot contain ' " ; \
• String Address - The new user's address
       - max length: 100 characters, cannot contain ' " ; \
Returned JSON:
• Success Response (user created)
   - key:value pairs:
          o "Error":false
             "User ID":*integer*
          0
             "First Name":"*string*"
             "Last Name":"*string*"
   - Example:
       {"Error":false, "User ID":25371, "First Name": "John", "Last Name": "Doe"}
• Error Response (user not created)
      key:value pairs:
          o "Error":true
             "Error Message":"*string*"
   - Example:
       {"Error":true, "Error Message": "Unable to create user: First name cannot be more
```

than 30 characters or use apostrophes, quotes, backslashes, or semicolons"}

Login

Description:

- Attempts to send a login request
- A successful login request means that the request was processed, to check whether the login was successful, see the "Login Successful" value
- An error response should NEVER be treated as a successful login

```
Input JSON:
```

```
- key:value pairs:
    o "Function":"Login"
    o "User ID":*integer*
    o "Password":"*string*"
```

- Example:

```
{"Function":"Login", "User ID":92853, "Password": "password123"}
```

Parameters:

- int User ID The customer's user ID
- String Password The customer's password

Returned JSON:

- Success Response (login request processed)
 - key:value pairs:
 o "Error":false
 o "User ID":*integer*
 o "Login Successful":*boolean*
 - "Login Successful" will be true if the user ID and password match, otherwise it will be false
 - Example: {"Error":false,"User ID":92853,"Login Successful":false}
- Error Response (login request not processed)

 - Example:

```
{"Error":true, "Error Message": "Unable to determine login for User #92853"}
```

Change Name

```
Description:
• Attempts to change a user's name
Input JSON:
      key:value pairs:
          o "Function":"Change Name"
          o "User ID":*integer*
          o "Password":"*string*"
          o "New First Name":"*string*"
          o "New Last Name":"*string*"
   - Example:
      {"Function": "Change Name", "User ID":66493, "Password": "password123", "New First
      Name":"John","New Last Name":"Smith"}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
       - must match user ID
• String New First Name - The customer's new first name
       max length: 30 characters, cannot contain ' "; \
• String New Last Name - The customer's new last name
       - max length: 30 characters, cannot contain '
Returned JSON:
• Success Response (name changed)
   - key:value pairs:
          o "Error":false
          o "User ID":*integer*
          o "New First Name":"*string*"
            "New Last Name": "*string*"
      {"Error":false, "User ID":66493, "New First Name": "John", "New Last Name": "Smith"}
• Error Response (name not changed)
   - key:value pairs:
             "Error":true
          0
             "Error Message":"*string*"
   - Example:
      {"Error":true, "Error Message": "Unable to change name for User #66493: First
      name cannot be more than 30 characters or use apostrophes, quotes, backslashes,
      or semicolons"}
```

Change Address

```
Description:
• Attempts to change a user's address
Input JSON:
      key:value pairs:
          o "Function":"Change Address"
          o "User ID":*integer*
          o "Password": "*string*"
          o "New Address":"*string*"
   - Example:
       {"Function": "Change Address", "User ID": 58354, "Password": "WarriorsFan987", "New
       Address": "404 Main Street, San Francisco, CA 94121"}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
       - must match user ID
• String New Address - The customer's new address
       - max length: 100 characters, cannot contain ' " ; \
Returned JSON:
• Success Response (address changed)
   - key:value pairs:
          o "Error":false
o "User ID":*integer*
          o "New Address":"*string*"
       {"Error":false, "User ID":58354, "New Address": "404 Main Street, San Francisco,
       CA 94121"}
• Error Response (address not changed)
      key:value pairs:
          o "Error":true
o "Error Message":"*string*"
       {"Error":true, "Error Message": "Unable to change address for User #58354: User
```

ID and password do not match"}

Change Password

```
Description:
• Attempts to change a user's password
Input JSON:
      key:value pairs:
          o "Function":"Change Address"
          o "User ID":*integer*
          o "Old Password":"*string*"
          o "New Password": "*string*"
   - Example:
       {"Function": "Change Password", "User ID": 43112, "Old
       Password": "oldPASSWORD99", "New Password": "NewSecurePassword44"}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Old Password - The customer's old password
       - must match user ID
• String New Password - The customer's new password
       - max length: 30 characters, cannot contain ' " ; \
Returned JSON:
• Success Response (password changed)
   - key:value pairs:
          o "Error":false
o "User ID":*integer*
          o "Password Changed":true
      "Password Changed" will always be true in the success response. It is a
       boolean, not a string containing the new password, because a user's password
      will never be sent out by any API call
       {"Error":false, "User ID":43112, "Password Changed":true}
• Error Response (password not changed)
      key:value pairs:
          o "Error":true
o "Error Message":"*string*"
       {"Error":true, "Error Message": "Unable to change password for User #43112: New
```

password must be different than the current password"}

Open Account

```
Description:
• Attempts to create a new bank account for a user
Input JSON:
       key:value pairs:
           o "Function": "Open Account"
              "User ID":*integer*
           0
           o "Password":"*string*"
           o "Account Name":"*string*"
              "Account Type":"*string*"
           o "Initial Deposit":*number with at least one digit before the decimal
                                   and exactly two digits after the decimal*
   - Example:
       {"Function": "Open Account", "User ID": 773659, "Password": "bankpassword", "Account
       Name": "Chris Checking Account", "Account Type": "C", "Initial Deposit": 14055.90}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
        - must match user ID
• String Account Name - The new account's name
        - max length: 50 characters, cannot contain ' " ; \

    String Account Type - The account type

            must be either "C" for Checking or "S" for Savings

    double Initial Deposit - The initial deposit for the new account

       - must be formatted as a number with two digits after the decimal (i.e. 100.00)
       - must be greater than or equal to zero and less than one trillion
Returned JSON:
• Success Response (account created)
    - key:value pairs:
          o "Error":false
              "Account ID":*integer*
           0
              "User ID":*integer*
           0
              "Account Name": *string*"
              "Account Type":"*string*"
              "Balance": "$*number with at least one digit before the decimal and
                             exactly two digits after the decimal*"
       "Account Type" will always be either "Checking" or "Savings"
   - Example:
       {"Error":false, "Account ID":2295722, "User ID":773659, "Account Name": "Chris
       Checking Account", "Account Type": "Checking", "Balance": "$14055.90"}
• Error Response (account not created)
       key:value pairs:
             "Error":true
          0
              "Error Message":"*string*"
           0
   Example:
       {"Error":true, "Error Message": "Unable to create account (Chris Checking
       Account) for User #773659: Initial deposit cannot be negative"}
```

Change Account Name

```
Description:
• Attempts to change an account's name
Input JSON:
      key:value pairs:
          o "Function": "Change Account Name"
          o "User ID":*integer*
          o "Password":"*string*"
          o "Account ID":*integer*
          o "New Account Name": "*string*"
   - Example:
      {"Function": "Change Account Name", "User
      ID":75927, "Password": "RedGreenBlue", "Account ID":673054, "New Account
      Name":"College Savings for Julie"}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
       - must match user ID
• int Account ID - The account ID
       - must be active and owned by the specified user
• String New Account Name - The account's new name
       - max length: 50 characters, cannot contain ' " ; \
Returned JSON:
• Success Response (address changed)
   - key:value pairs:
          o "Error":false
             "User ID":*integer*
          0
             "Account ID":*integer*
          0
             "New Account Name": "*string*"
   - Example:
      {"Error":false, "User ID":75927, "Account ID":673054, "New Account Name": "College
      Savings for Julie"}
• Error Response (address not changed)
   - key:value pairs:
          o "Error":true
          o "Error Message":"*string*"
   - Example:
      {"Error":true, "Error Message": "Unable to change name for Account #673054: User
      ID and password do not match"}
```

Close Account

```
Description:
• Attempts to close a user's account, withdraws remaining account balance
Input JSON:
      key:value pairs:
          o "Function":"Close Account"
          o "User ID":*integer*
o "Password":"*string*"
          o "Account ID":*integer*
   - Example:
       {"Function": "Close Account", "User ID": 46033, "Password": "asdfg09876", "Account
       ID":286736}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
       - must match user ID
• int Account ID - The account ID
       - must be active and owned by the specified user
Returned JSON:
• Success Response (account closed)
   - key:value pairs:
          o "Error":false
o "User ID":*integer*
             "Account ID": *integer*
          0
             "Closed":true
   - "Closed" will always be true in the success response
   - Example:
       {"Error":false, "User ID":46033, "Account ID":286736, "Closed":true}
• Error Response (account not closed)
   - key:value pairs:
             "Error":true
          0
             "Error Message":"*string*"
   - Example:
```

{"Error":true, "Error Message": "Unable to close Account #286736 (User #46033):

User has no active account with this account number"}

Withdraw

Description:

- Attempts to send a withdraw request
- A successful withdraw request means that the request was processed, to check whether the transaction went through or not, see the "Status" value

```
Input JSON:
```

```
key:value pairs:
   o "Function": "Withdraw"
```

- "User ID":*integer* 0
- o "Password":"*string*" "Account ID":*integer* 0
- "Amount": *number with at least one digit before the decimal and exactly two digits after the decimal*
- Example:

```
{"Function":"Withdraw","User ID":13743,"Password":"PaSsWoRd","Account
ID":605112, "Amount":100.00}
```

Parameters:

- int User ID The customer's user ID
 - must be valid
- String Password The customer's password
 - must match user ID
- int Account ID The account to be withdrawn from
 - must be active and owned by the specified user
- double Amount The amount to be withdrawn from the account
 - must be formatted as a number with two digits after the decimal (i.e. 100.00)
 - must be greater than zero and less than one trillion

Returned JSON:

- Success Response (withdraw request processed)
 - key:value pairs:
 - o "Error":false
 - "Transaction ID":*integer* 0
 - "Transaction Type": "Withdraw" 0
 - "Amount": "\$*number with at least one digit before the decimal and exactly two digits after the decimal*"
 - "Account ID": *integer* 0
 - "User ID":*integer*
 "Status":"*string*" 0
 - 0
 - "Time of Transaction":"*string formatted as YYYY-MM-DD HH:MM:SS in UTC*"
 - Example:

```
{"Error":false, "Transaction ID":162508014, "Transaction
Type": "Withdraw". "Amount": "$100.00". "Account ID": 605112. "User
ID":13743, "Status": "Transaction Failed: Insufficient Funds", "Time of
Transaction": "2020-04-08 08:55:11"}
```

- Error Response (withdraw request not processed)
 - key:value pairs:
 - o "Error":true
 - o "Error Message":"*string*"
 - Example:

{"Error":true, "Error Message": "Unable to withdraw \$100000000000.00 from Account #605112: Withdraw amount cannot exceed \$999,999,999,999.99"}

Deposit

```
Description:
```

- Attempts to send a deposit request
- A successful deposit request means that the request was processed, to check whether the transaction went through or not, see the "Status" value

```
Input JSON:
```

key:value pairs: o "Function": "Depoist" "User ID":*integer* 0 o "Password":"*string*" "Account ID":*integer* 0 "Amount": *number with at least one digit before the decimal and exactly

two digits after the decimal*

- Example: {"Function": "Deposit", "User ID": 33603, "Password": "passwordFORbank", "Account ID":104609, "Amount":0.99}

Parameters:

- int User ID The customer's user ID - must be valid
- String Password The customer's password
 - must match user ID
- int Account ID The account to be deposited into
 - must be active and owned by the specified user
- double Amount The amount to be deposited into the account
 - must be formatted as a number with two digits after the decimal (i.e. 100.00)
 - must be more than zero and less than one trillion

Returned JSON:

- Success Response (deposit request processed)
 - key:value pairs:
 - o "Error":false
 - "Transaction ID":*integer* 0
 - "Transaction Type": "Deposit" 0
 - "Amount": "\$*number with at least one digit before the decimal and exactly two digits after the decimal*"
 - "Account ID": *integer* 0
 - "User ID":*integer*
 "Status":"*string*" 0
 - 0
 - "Time of Transaction":"*string formatted as YYYY-MM-DD HH:MM:SS in UTC*"
 - Example:

```
{"Error":false,"Transaction ID":911657521,"Transaction Type":"Deposit","Amount":"$0.99","Account ID":104609,"User
ID":33603, "Status": "Transaction Complete", "Time of Transaction": "2020-02-13
17:20:55"}
```

- Error Response (deposit request not processed)
 - key:value pairs:
 - o "Error":true
 - o "Error Message":"*string*"
 - Example:

{"Error":true, "Error Message": "Unable to depost \$0.99 into Account #104609: User ID and password do not match"}

Transfer

Description:

- Attempts to send a transfer request
- A successful transfer request means that the request was processed, to check whether the transaction went through or not, see the "Status" value

Input JSON:

- - Example:
 {"Function":"Transfer","User ID":33652,"Password":"abcdefg1234","Source Account
 ID":4104586,"Destination Account ID":152431,"Amount":15999.99}

Parameters:

- int User ID The customer's user ID
 - must be valid
- String Password The customer's password
 - must match user ID
- int Source Account ID The account to be withdrawn from
 - must be active and owned by the specified user
- int Destination Account ID The account to be deposited into
 - must be active
 - must be different than the source account
- double Amount The amount to be transferred from the source account to the destination account
 - must be formatted as a number with two digits after the decimal (i.e. 100.00)
 - must be more than zero and less than one trillion

Returned JSON (Cont. on next page)

Transfer (Cont.)

Returned JSON: • Success Response (transfer request processed) - key:value pairs: "Error":false "Transaction ID":*integer* "Transaction Type": "Transfer" "Amount": "\$*number with at least one digit before the decimal and exactly two digits after the decimal*" "Source Account ID":*integer* 0 "Destination Account ID": *integer* 0 "User ID":*integer* 0 "Status":"*string*" "Time of Transaction":"*string formatted as YYYY-MM-DD HH:MM:SS in UTC*" - Example: {"Error":false,"Transaction ID":329830315,"Transaction
Type":"Transfer","Amount":"\$15999.99","Source Account ID":4104586,"Destination
Account ID":152431,"User ID":33652,"Status":"Transaction Complete","Time of Transaction": "2019-11-29 14:23:09"} • Error Response (transfer request not processed) - key:value pairs: o "Error":true o "Error Message":"*string*" {"Error":true, "Error Message": "Unable to transfer \$25.50 from Account #400732 to Account #165012: User #58487 has no active accounts with the Account Number 400732"}

User Info

```
Description:
• Attempts to get a user's personal information
Input JSON:
      key:value pairs:
          o "Function":"User Info"
          o "User ID":*integer*
o "Password":"*string*"
       {"Function": "User Info", "User ID": 80341, "Password": "MyPassword115"}
Parameters:
• int User ID - The customer's user ID
       - must be valid
• String Password - The customer's password
       - must match user ID
Returned JSON:
• Success Response (user info returned)
   - key:value pairs:
          o "Error":false
             "User ID":*integer*
          0
          o "First Name":"*string*"
o "Last Name":"*string*"
          o "Address": "*string*"
       Example:
       {"Error":false, "User ID":80341, "First Name": "Stephen", "Last
       Name": "Johnson", "Address": "747 Avian Drive, Los Angeles, CA 90210"}
• Error Response (user info not returned)
   - key:value pairs:
             "Error":true
          0
             "Error Message":"*string*"
   - Example:
       {"Error":true, "Error Message": "Cannot get user info for User #80341: User ID
       and password do not match"}
```

User Account Summary

```
Description:
• Attempts to get a list of a user's active accounts
Input JSON:
       key:value pairs:
           o "Function": "User Account Summary"
           o "User ID":*integer*
              "Password":"*string*"
           o "Include Inactive":*boolean*
       Example:
       {"Function":"User Account Summary","User ID":17374,"Password":"password1","Include Inactive":true}
Parameters:
• int User ID - The customer's user ID
        - must be valid
• String Password - The customer's password
        - must match user ID
• boolean Include Inactive - Whether to include inactive accounts in the list
        - if true, inactive accounts will be included, otherwise they will not
Returned JSON:

    Success Response (user's active accounts returned)

      key:value pairs:
           o "Error":false
               "User ID":*integer*
           0
               "Accounts":[*JSON array of Account JSONs*]
   - For info on Account JSONs, see page 21
    - If the user has no active accounts, "Accounts" will be an empty JSON array
       (e.g. [])
    - Example:
       {"Error":false, "User ID":17374, "Accounts":[{"Account ID":946832, "Account
       Name": "College Funds", "Account Type": "Savings", "Account Status": "Active", "Balance": "$1500.00"}, {"Account ID": 946421, "Account Name": "David - Checking", "Account Type": "Checking", "Account
       Status": "Inactive", "Balance": "$0.00"}]}
• Error Response (user's active accounts not returned)
    - kev:value pairs:
           o "Error":true
              "Error Message":"*string*"
       Example:
       {"Error":true, "Error Message": "Unable to get summary of User #17374's accounts:
```

User ID and password do not match" }

User Transaction History

Description:

 \bullet Attempts to get a user's transaction history in order of most recent transaction first

Returned JSON (Cont. on next page)

User Transaction History (Cont.)

Returned JSON:

- Success Response (user transaction history returned)
 - key:value pairs:
 - o "Error":false
 - o "User ID":*integer*
 - o "Transactions":[*JSON array of Transaction JSONs*]
 - For info on Transaction JSONs, see page 22
 - "Transactions" will never contain a Transaction JSON with a "Transaction Type" of "Incoming Transfer" because users can only make transfers from an account they own to another account
 - If the user has made no transactions, "Transactions" will be an empty JSON array (e.g. [])
 - Example:

```
{"Error":false,"User ID":86364,"Transactions":[{"Transaction ID":105783564,"Transaction Type":"Withdraw","Amount":"$1000.00","Account ID":438608,"User ID":86364,"Status":"Transaction Failed: Insufficient Funds","Time of Transaction":"2020-04-09 09:46:30"},{"Transaction ID":105783391,"Transaction Type":"Outgoing Transfer","Amount":"$780.00","Account ID":438608,"Destination Account ID":639644,"User ID":86364,"Status":"Transaction Complete","Time of Transaction":"2020-04-06 13:02:31"},{"Transaction ID":105783022,"Transaction Type":"Deposit","Amount":"$25.01","Account ID":438608,"User ID":86364,"Status":"Transaction Complete","Time of Transaction":"2020-04-01 20:28:59"}]}
```

- Error Response (user transaction history not returned)
 - key:value pairs:
 - o "Error":true
 - o "Error Message":"*string*"
 - Example:

{"Error":true, "Error Message": "Cannot get transaction history for User #86364: User ID and password do not match"}

Account Transaction History

```
Description:
• Attempts to get an account's transaction history in order of most recent transaction
first
Input JSON:
       key:value pairs:
           o "Function": "Account Transaction History"
              "User ID":*integer*
           0
              "Password":"*string*"
           0
              "Account ID":*integer*
              "Limit":*integer*
      Example:
       {"Function": "Account Transaction History", "User
       ID":64366, "Password": "awsdjikl", "Account ID":129739, "Limit":10}
Parameters:
• int User ID - The customer's user ID
        - must be valid
• String Password - The customer's password
         must match user ID
• int Account ID - The account ID
        - must be owned by the specified user, can be inactive
• int Limit - The maximum number of transactions to be shown
       - if limit is 0 or less, no limit will be applied
Returned JSON:
• Success Response (account transaction history returned)
      key:value pairs:
           o "Error":false
              "Account ID":*integer*
           0
              "Transactions":[*JSON array of Transaction JSONs*]
   - For info on Transaction JSONs, see page 22
       If the account has no transactions associated with it. "Transactions" will be
       an empty JSON array (e.g. [])
       {"Error":false, "Account ID":129739, "Transactions":[{"Transaction
       ID":973748636, "Transaction Type": "Incoming
       Transfer", "Amount": "$100.00", "Account ID": 129739, "Source Account ID": 408535, "User ID": 36894, "Status": "Transaction Complete", "Time of
       Transaction": "2020-04-02 08:51:31" }, { "Transaction ID": 973748212, "Transaction
       Type": "Deposit", "Amount": "$55.66", "Account ID": 129739, "User
       ID":64366, "Status": "Transaction Complete", "Time of Transaction": "2020-03-15
       15:47:09"},{"Transaction ID":973747527,"Transaction Type":"Outgoing Transfer","Amount":"$19.48","Account ID":129739,"Destination Account ID":846822,"User ID":64366,"Status":"Transaction Complete","Time of
       Transaction": "2020-03-13 12:00:17" }]}
• Error Response (account transaction history not returned)
      key:value pairs:
           o "Error":true
              "Error Message":"*string*"
       {"Error":true, "Error Message": "Cannot get transaction history for Account
       #129739: User ID and password do not match"}
```

Account JSON

Transaction JSON

```
Deposit or Withdraw
       key:value pairs:
            "Transaction ID": *integer*
            "Transaction Type": "*String*"
        0
            "Amount": "$*number with at least one digit before the decimal and
        \circ
                          exactly two digits after the decimal*"
            "Account ID":*integer*
        0
            "User ID":*integer*
        0
            "Status":"*string*"
            "Time of Transaction": "*string formatted as YYYY-MM-DD HH:MM:SS in
        "Transaction Type" will be either "Deposit" or "Withdraw", accordingly
       Example:
        {"Transaction ID":105783564, "Transaction
        Type":"Withdraw","Amount":"$1000.00","Account ID":438608,"User
        ID":86364, "Status": "Transaction Failed: Insufficient Funds", "Time of
        Transaction": "2020-04-09 09:46:30"}
Outgoing Transfer
       key:value pairs:
            "Transaction ID":*integer*
            "Transaction Type": "Outgoing Transfer"
            "Amount": "$*number with at least one digit before the decimal and
        0
                          exactly two digits after the decimal*'
            "Account ID":*integer*
"Destination Account ID":*integer*
        0
            "User ID":*integer*
            "Status": "*string*"
            "Time of Transaction":"*string formatted as YYYY-MM-DD HH:MM:SS in
                                        UTC*"
      Example:
       {"Transaction ID":105783391,"Transaction Type":"Outgoing Transfer","Amount":"$780.00","Account ID":438608,"Destination Account ID":639644,"User ID":86364,"Status":"Transaction Complete","Time of
        Transaction": "2020-04-06 13:02:31"}
Incoming Transfer
       key:value pairs:
            "Transaction ID": *integer*
           "Transaction Type": "Incoming Transfer"
            "Amount": "$*number with at least one digit before the decimal and
                          exactly two digits after the decimal*"
            "Account ID":*integer*
            "Source Account ID": *integer*
        0
            "User ID":*integer*
"Status":"*string*"
        0
            "Time of Transaction":"*string formatted as YYYY-MM-DD HH:MM:SS in
                                        UTC*"
      Example:
        {"Transaction ID":105784109, "Transaction Type": "Incoming
       Transfer", "Amount": "$38.95", "Account ID": 438608, "Source Account ID": 163739, "User ID": 74199, "Status": "Transaction Complete", "Time of
        Transaction": "2020-04-15 20:29:28"}
```