**DDA\_Story fetching Statement of Account**

1. Create an api to get an account statement

**2. Request**:

**Request Header**

**POST /account/statement**

Accept: **application/json**

Authorization: Bearer w0mcJylzCn-AfvuGdqkty2-KP48=

Content-Type: application/x-www-form-urlencoded

**Request Body**

**{**

**accountId** =1357902468&**statementId**=ST875376081768363584636

**}**

**3. Response**

HTTP/1.1 200 OK

Content-Type: **application/pdf**

Binary data

**ResponseBody**

**An image of an account statement**

HTTP/1.1 200 OK

Content-Type: application/pdf:

**statement:**

{

"AccountId" : "1357902468",  
      "StatementId" : "ST875376081768363584636",  
      "StatementDate" : "2015-01-01Z",  
      "Description" : "Statement for 2015-01-01",

}

**Error scenarios**

|  |  |
| --- | --- |
| Error Code | Description |
| 401 | Unauthorized Request |
| 200 | Successfully Response |
| 404 | AccountId Or StatementId Not Found |
| 500 | Internal Server Error |

1. **Required Table**

**Statement**

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Description** |
| **AccountId** | Identifier | Corresponds to AccountId in Account entity |
| **StatementId** | Identifier | Long-term persistent identity of the statement |
| **StatementDate** | Timestamp | Date of the statement |
| **Description** | string | Description of statement |

**AccountDescriptor**

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| AccountId | Identifier | Long-term persistent identity of the account. Not an account  number. This identity must be unique to the owning institution |
| DisplayName | string | Account identity to display to customer. This may be a masked  account number or product name followed by masked number |
| Status | AccountStatus | OPEN, CLOSED, PENDINGOPEN, PENDINGCLOSE, DELINQUENT,  PAID, NEGATIVECURRENTBALANCE. |

**Account Extends AccountDescriptor**

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| ParentAccountId | Identifier | Long-term persistent identity of the parent account. This is used  to group accounts. |
| Nickname | string | The user’s moniker for the account |
| AccountNumber | string | End user’s handle for account at owning institution  20 |
| Currency | Currency | Currency Aggregate |
| AccountNumber | string | End user’s handle for account at owning institution |
| InterestRate | Number | Interest Rate of Account |
| InterestRateType | InterestRateType | FIXED or VARIABLE |

**DepositAccount Extends Account**

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Description** |
| **BalanceAsOf** | Timestamp | As-of date of balances |
| **CurrentBalance** | Number | Balance of funds in account |

**LoanAccount Extends Account**

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Description** |
| **BalanceAsOf** | Timestamp | As-of date for balances |
| **PrincipalBalance** | Number | Principal balance of loan |
| **OriginalPrincipal** | Number | Original principal of loan |
| LoanTerm | int | Term of loan in months |
| TotalNumberOfPayments | int | Total number of payments |
| PaymentFrequency | PaymentFrequency | DAILY, WEEKLY, BIWEEKLY, SEMIMONTHLY, MONTHLY,  SEMIANNUALLY, ANNUALLY |

**LocAccount Extends Account**

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Description** |
| **BalanceAsOf** | Timestamp | As-of date of balances |
| **CreditLine** | Number | Credit limit |
| **AvailableCredit** | Number | Available credit |
| **NextPaymentAmount** | Number | Amount of next payment |
| **NextPaymentDate** | Timestamp | Due date of next payment |
| **PrincipalBalance** | Number | Principal balance |
| **CurrentBalance** | Number | Current balance LOC |

**InvestmentAccount Extends Account**

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Description** |
| **BalanceAsOf** | Timestamp | As-of date for balances |
| **CurrentValue** | Number | Total current value of all investments |