**Description**:

SSB-241: Create an api to get an account

**Request :**

POST \api\v1\accounts   
Accept: application/json

Content-Type: application/json  
Authorization: Bearer w0mcJylzCn-AfvuGdqkty2-KP48=  
  
**Request Format:**  
[

{ "accountId": "1357902468”}

]

**Response Format:**  
Content-Type: application/json; charset=utf-8  
{  
"DepositAccounts": { }  
}

Response Code 200 OK

Response type: Deposit Account, Loan Account, InvestmentAccount,

**Exception Scenario**

Response codes **400** Bad Request, **401** Unauthorized, **403** Forbidden, **404** Not Found

Response code **501** Internal Server Error

**Security** – we will use spring security .

**Request and response data test case scenario:**

**Scenario:1 when user invokes API which sends account Id**

When user send the request data in the form of request body by using the POST method, based on the account Id, selected Account type should be displayed to the user.

**Scenario:2 when user invokes API which sends account id which does not match with the database.**

When user send the request data in the form of request body by using the POST method, based on account Id and data does not exist in the table, “Account Id does not exist” response should be displayed to the user.

**Used Tables Details:**

|  |  |  |
| --- | --- | --- |
| AccountDescriptor | | |
| Field Name | Type | Description |
| AccountId | String | Account id |
| AccountType | String | Type of account(DepositAccount, LoanAccount, LocAccount, InvestmentAccount) |
| DisplayName | String | Account identity to display to customer |
| Description | String | Description of account |
| AccountDescriptionId(PK) | String | Account Description Id |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Account | | | | |
| Field Name | | Type | | Description |
| ParentAccountId | | String | | Parent account id |
| AccountMasterId(PK) | | String | | Account Master Id |
| AccountNumber | | String | | accountId |
| Currency | | Currency | | Type of currency ($,#, INR) |
| InterestRateType | | Double | | Rate of Interest |
| Nickname | | String | | Nickname for the account |
| DepositAccount | | | | |
| Field Name | Type | | Description | |
| BalanceAsOf | Timestamp | | Balance As Of that time | |
| CurrentBalance | Double | | Current Balance | |
| AvailableBalance | Double | | Available Balance in account | |
| MaturityDate | Timestamp | | Date of Maturity for account | |

|  |  |  |
| --- | --- | --- |
| LoanAccount | | |
| Field Name | Type | Description |
| BalanceAsOf | Double | Balance As Of that time |
| LoanAccountId(PK) | String | Loan Account Id |
| PricipleBalance | Double | Principal balance of loan |
| OriginalPrincipal | Double |  |
| PaymentFrequency |  | DAILY, WEEKLY, BIWEEKLY, SEMIMONTHLY, MONTHLY,  SEMIANNUALLY, ANNUALLY |

|  |  |  |
| --- | --- | --- |
| LocAccount | | |
| Field Name | Type | Description |
| AccountId | String | Account Id |
| BalanceAsOf | Timestamp | Balance As Of that time |
| CreditLine | Double | Principal balance of loan |
| AvailableCredit | Double | Available Balance in account |
| NextPaymentAmount | Double | Next Payment Amount |
| PrincipalBalance | Double | Principal Balance |

|  |  |  |
| --- | --- | --- |
| InvestmentAccount | | |
| Field Name | Type | Description |
| BalanceAsOf | Timestamp | Balance As Of that time |
| CurrentValue | Double | Current Value |
| AvailableCashBalance | Number | Available Cash Balance |
| MarginBalance | Number | Margin Balance |