**1)User Stories** Create an Api to get all account information (details & transactions) for the current token.

**2)Requirement Analysis:**

**Request** api/v1/

Get/Accountdetails

Accept: application/json

Authorization: Bearer w0mcJylzCn-AfvuGdqkty2-KP48=

**Response Fields**

HTTP/1.1 200 OK

Content-Type: application/json; charset=utf-8

{

"Accounts”: {

            "Total":”1”,  
            "TotalPages":”2”,  
            "Page":”1”,  
 “Account”:[

{

“AccountId”: 1357902468”

“ParentAccountId”:” 2468135790”

“status”:” open”

“DisplayName”: “my saving account”

“LineOfBusiness” :”consumer”

“AccountNumber”:2468135790

“InterestRate”:”3”

“Currency”: “INR”

“TransferIn”:”1”

“TransferOut”:”1”

“AccountType”:” saving”

},

{

“AccountId”: “1357902468”

“ParentAccountId”: “2468135791”

“status”:”open”

“DisplayName”: “my saving account”

“LineOfBusiness”: ”consumer”

“AccountNumber”:2468135791

“InterestRate”:3

“Currency”: “INR”

“TransferIn”:”1”

“TransferOut”:”1”

“AccountType”:”saving”

}

],

“Transaction”: [

{

“AccountId”: “1357902468”

“TransactionId”:” 111222333444555”

“ReferenceTransactionId”:” 111222333444556”

“TransactionTimestamp”:” 2018-07-12 10:30:00”

“Description”:” Check Transfer”

“Amount”:”1000”:” POSTED”

“Status”:” POSTED”

}

]

**3)Error Scenario**

**Http Status Code**

**200:** success

**400**: Bad request

**500**: Internal server error

**4)Tables required:** Mapping of tables

**Account Descriptor**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AccountId | AccountType | DisplayName | Description | Status |  |
| 1357902468 | SAVINGS | Savings Account | Savings Account | OPEN |  |

|  |  |
| --- | --- |
| accountdescriptor | CustomerId |
| [primary key]  111 | 111111101 |

**Account Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AccountMasterId | ParentAccountId | Nickname | LineOfBusiness | AccountNumber | InterestRate |
| 200 | 2468135790 | My Savings Account | consumer | 4561237890 | 3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Currency | AccDescriptorId  [Foreign key] | TransferIn | TransferOut | InterestRateType |
| INR | 111 | 1 | 1 | Fixed |

**Transaction Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| AccountId | TransactionId | RefTransactionId | TranTimestamp | Description | Amount | status |
| 1357902468 | 11133344455 | 111333444556 | 2018-07-12 10:30:00 | Check Transfer | 1000 | POSTED |