**User Story**

**Create an api to get a lightweight list of accounts for the current token.**

Task:

1. Requirement Analysis – Identify the Request and Response data

2. Create Raml to get list of accounts

3. Create Spring boot App to get Account

a. Retrieve Data from DB table

b. Push Data to the Queue before exposing Data through API

c. Retrieve data from soap endpoint and expose as Rest API

**Request Field**

Request

GET /accountlist

Accept: application/json

Authorization: Bearer w0mcJylzCn-AfvuGdqkty2-KP48=

HTTP/1.1 200 OK

**Response Field**

Response

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

{

  "AccountDescriptorList" : { }

}

Response Type:AccountDescriptorList

**Tables**

**AccountDescriptor:**

|  |  |
| --- | --- |
| **Field** | **Type** |
| AccountId | identifier |
| Error | Error |
| AccountType | AccountType |
| DisplayName | string |
| Status | AccountStatus |
| Description | string |
| AccountDescriptorId | Integer |
| CustomerId | string |

**Account:**

|  |  |
| --- | --- |
| **Field** | **Type** |
| AccountMasterId | Integer |
| ParentAccountId | Identifier |
| Nickname | string |
| LineOfBusiness | string |
| AccountNumber | string |
| InterestRate | Number |
| Currency | Currency |
| AccDescriptorId | Integer |
| TransferIn | Boolean |
| TransferOut | Boolean |
| InterestRateType | InterestRateType |

**AccountDescriptorList:**

|  |  |
| --- | --- |
| **Field** | **Type** |
| AccountDescriptor | Array of AccountDescriptor |

**Accounts:**

|  |  |
| --- | --- |
| **Field** | **Type** |
| Total | int |
| TotalPages | int |
| Page | int |
| zero or more of **DepositAccount**,  **InvestmentAccount**, **LoanAccount**,  or **LocAccount** | DepositAccount,  InvestmentAccount,  LoanAccount, or  LocAccount |

**DepositAccount:**

|  |  |
| --- | --- |
| **Field** | **Type** |
| RefAccountId | Integer |
| BalanceAsOf | Timestamp |
| CurrentBalance | number |
| Term | int |
| AvailableBalance | number |
| DepositAccountId | Integer |
| MaturityDate | Timestamp |

**InvestmentAccount:**

**LoanAccount:**