**USER STORY**

Create an API to get deposit account information approaching maturity date

Task:

1. Requirement Analysis – Identify the Request and Response data

2. Create Raml to get deposit account information approaching maturity date

3. Create Spring boot App to get deposit account information approaching maturity date

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 FIELDS**

GET /depositaccount

Accept: application/json

currentDate= 2018-09-13

**RESPONSE FIELDS**

HTTP/1.1 200 OK

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

{

  "DepositAccount":

{

AccountId:

AccountType:

AccountNumber:

Nickname:

BalanceAsOf:

CurrentBalance:

AvailableBalance:

Term:

MaturityDate:

DisplayName:

Status:

Description:

}

}

HTTP/1.1 400 Bad Request

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

{

  "Error":

{

code: 400

message: Invalid Date

}

}

HTTP/1.1 204 No Content

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

{

"String":

{

There is no deposit account which is getting  
matured in the next 15 days

}

}

HTTP/1.1 405 Method Not Allowed

{

  "Error":

{

code: 405

message: Method is not allowed

}

}

HTTP/1.1 406 Not Acceptable

{

  "Error":

{

code: 406

message: Request Header is not acceptable

}

}

**TABLES**

**AccountDescriptor**:

|  |  |
| --- | --- |
| **FIELDS** | **TYPE** |
| AccountId | Identifier |
| AccountType | AccountType |
| DisplayName | string |
| Status | AccountStatus |
| Description | string |
| AccountDescriptorId | Integer |
| CustomerId | string |

**Account**:

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

**DepositAccount**:

|  |  |
| --- | --- |
| **FIELDS** | **TYPE** |
| RefAccountId | Integer |
| BalanceAsOf | Timestamp |
| CurrentBalance | Number |
| Term | int |
| AvailableBalance | Number |
| DepositAccountId | Integer |
| MaturityDate | Timestamp |