**User Story 18**

**Create an api to retrieve addresses for a customer**

**Reference** :

Table1: Customer

Table2: DeliveryAddress

**Request:**

POST /customer/addresses

Accept: application/json

cutomerId=123434

**Response**:

{

"cutomerId":123434,

"addresses":[

{

"type":"home",

"line1":" ",

"line 2":" ",

"line 3": " ",

"city" : " ",

"state" : " ",

"zip " : " ",

"country" : " "

},

{"type":" business"

},

{ "type": "mailing

}

}

**Table**1: Customer

|  |  |  |
| --- | --- | --- |
| **Column Name** | **type** | Field |
| customerId | long | pk |
| customerName | String |  |

**Table2**: DeliveryAddress

|  |  |  |
| --- | --- | --- |
| **Column Name** | **type** | **Field** |
| line1 | String | fk |
| line2 | String |  |
| line3 | String |  |
| city | String |  |
| state | String |  |
| zip | String |  |
| country | Iso3166CountryCode |  |

**Response:**

HTTP Protocol Version as (HTTP/1.1

200 OK

201 Created

206 Partial Content

400 Bad Request

401 Unauthorized

404 Not Found

501 internal server errors

Error Code Error Message HTTP Status Code:

601 Customer not found 404

602 Customer not authorized 401

701 Account not found 404

702 Invalid start or end date 400

703 Invalid date range 400

901 Source account not found 404

902 Source account closed 404

**Task**:

1. Requirement Analysis – Identify the Request and Response data

2. Create Raml to retrieve addresses for a customer

3. Create Spring boot App to retrieve addresses for a customer

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

4.Create Mulesoft App to retrieve addresses for a customer

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

5.Handle exceptions,logging and other Non Functional Requirements(Security) as requested