## Assignment:

We have created some API's that you have to integrate.

1. Authenticate user using the credentials specified. API uses Bearer authentication to authenticate further API calls. Authentication API will return a bearer token which you will have to pass in subsequent API calls.

```
Path: https://qa2.sunbasedata.com/sunbase/portal/api/assignment_auth.jsp
Method: POST
Body:
{
    "login_id": "test@sunbasedata.com",
    "password":"Test@123"
}
```

This will return you a token, that you will have to pass in as Bearer token for further calls.

#### 2. Create a new Customer:

```
Path: https://qa2.sunbasedata.com/sunbase/portal/api/assignment.jsp
Method: POST
Parameters:
  cmd: create
Header:
  Authorization: Bearer token_recieved_in_authentication_API_call
Body:
  {
   "first_name": "Jane",
   "last_name": "Doe",
   "street": "Elvnu Street",
   "address": "H no 2 ",
   "city": "Delhi",
   "state": "Delhi",
   "email": "sam@gmail.com",
   "phone": "12345678"
  }
  first_name and last_name are mandatory parameters.
Response:
  Success: 201, Successfully Created
```

Failure: 400, First Name or Last Name is missing

# 3. Get customer list:

Parameters:

cmd: update

```
Path: https://qa2.sunbasedata.com/sunbase/portal/api/assignment.jsp
  Method: GET
  Parameters:
    cmd: get_customer_list
  Header:
    Authorization: Bearer token_recieved_in_authentication_API_call
  Response: 200
    [{
     "first_name": "Jane",
     "last_name": "Doe",
     "street": "Elvnu Street",
     "address": "H no 2 ",
     "city": "Delhi",
     "state": "Delhi",
     "email": "sam@gmail.com",
     "phone": "12345678"
    }]
4. Delete a customer
  Path: https://qa2.sunbasedata.com/sunbase/portal/api/assignment.jsp
  Method: POST
  Parameters:
    cmd: delete
    uuid: uuid of a specific customer
  Header:
    Authorization: Bearer token_recieved_in_authentication_API_call
  Response:
    200, Successfully deleted
    500, Error Not deleted
    400, UUID not found
5. Update a customer
  Path: https://qa2.sunbasedata.com/sunbase/portal/api/assignment.jsp
  Method: POST
```

```
uuid: uuid of a specific customer
Header:
  Authorization: Bearer token_recieved_in_authentication_API_call
Body:
  {
   "first_name": "Jane",
   "last_name": "Doe",
   "street": "Elvnu Street",
   "address": "H no 2 ",
   "city": "Delhi",
   "state": "Delhi",
   "email": "sam@gmail.com",
   "phone": "12345678"
  }
Response:
  200, Successfully Updated
  500, UUID not found
  400, Body is Empty
```

#### Notes:

if you are passing in wrong value for cmd parameter, you will get 500, Invalid Command If for any API authentication fails you will get 401, Invalid Authorization

You can test tool like postman to test these API's.

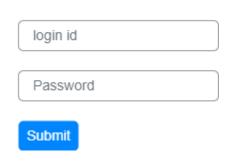
Basic steps include:

- create a basic UI in html. does not have to look pretty. basic Html table , form and buttons would do.
- Basically we need ability to Login, view the list of customer, create a new customer, delete and update an existing customer.

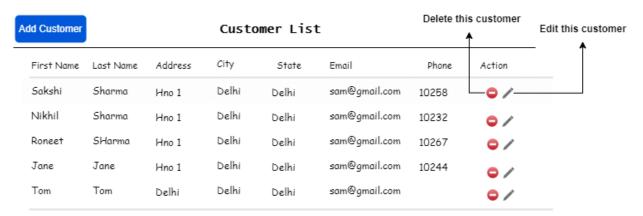
It will consist of 3 screens:

## - Login Screen

# Login Page



## - Customer List Screen



- Add a new customer

### Customer Details

First name	Last name
Street	Address
City	State
Email	Phone
	Submit

Create a new customer on click of this button