

# Project

## Telephone Directory

**Technology :-** Spring Boot, Spring Microservices, Netflix Tools, MySQL

**User Stories :**

**MS1- Create the end points for maintaining telephone directory as shown below, and all data to be persisted in MySQL (DBMS) .**

MS1- Telephone Service

POST /telephone - save telephone details

GET /telephone - get all telephone details

GET /telephone/{telephoneId} - get details of the telephone

PUT /telephone - update telephone

DELETE /telephone/{telephoneId} - delete specified telephone details, when not found  
TelephoneNotFoundException

**MS2- Create the end points for maintaining customer details as shown below, and all data to be persisted in MySQL (DBMS) .**

MS2- Customer Service

POST /customer - save customer

GET /customer - get all customers

GET /customer/{customerId} - get specified customer

PUT /customer - update customer

DELETE /customer/{customerId} - delete specified customer, when not found throw  
CustomerNotFoundException.

GET /customer/{customerid}/telephone/ - display customer's telephone details.

For communication between Microservices use Feign.

Register all services with Eureka .

Access / test endpoints from POSTMAN.

Model classes should contain following fields:-

**Customer**

Customer Id

Customer First Name,

Customer Last Name,

Customer Date of Birth,

Customer Telephone,

Customer Email

**Telephone**

Telephone Id

Telephone Number

Mobile Number

*To be continued...*