Rate Management Service:

Github URL : <https://github.com/Siva2984/rms>

Clone the project from the above URL.This is public repository.

Change localhost:8080 with respect to the running machine.

To fetch all the rates -> [http://**localhost:8080**/surcharge](http://localhost:8080/surcharge)

To fetch rate with id -> [http://**localhost:8080**/surcharge/1](http://localhost:8080/surcharge/1)

To delete rate with id -> [http://**localhost:8080**/surcharge/1](http://localhost:8080/surcharge/1)

To update rate with id -> [http://**localhost:8080**/surcharge/1](http://localhost:8080/surcharge/1)

Payload :

{

"rateDescription":"DiscountRate",

"rateExpirationDate":"2020-11-21",

"rateEffectiveDate":"2020-11-21",

"amount":10

}

**Rate table creation script:**

**CREATE TABLE IF NOT EXISTS** RATE(  
 **RateId INT AUTO\_INCREMENT PRIMARY KEY**,  
 **RateDescription varchar**(255) ,  
 **RateEffectiveDate DATE NOT NULL**,  
 **RateExpirationDate DATE NOT NULL**,  
 **Amount INT NOT NULL**) **ENGINE**=INNODB;

Actuator metrics are enabled and configured with port 8888:

<http://localhost:8888/actuator/metrics>

application.properties – the below atributes has to be mapped with proper mysql details.

|  |
| --- |
| #MYSQLServerconfigproperties |
|  | spring.datasource.url=jdbc:mysql://localhost:3306/mysql |
|  | spring.datasource.username= |
|  | spring.datasource.password= |
|  | spring.datasource.generate-dll=false |

Log path configures as given below.

logging.file.path=C:/tmp