Fleet-Management Sample

This is rest API created as a tool for dealers to manage customers. The dealers are into car service.

There is one dealer in each Region. Dearer can serve multiple Customers. Dealers are servicing car. This is a system which can store data in database.

POST   Create New Car

http://localhost:8090/cars

New Car can be created by giving Uniquenumber and Assembly date of the car as shown below

Body raw (json)

```json
{
"uniqueNumber": "432T1",
"assemblyDate": "2019-05-20"
}
```

POST   Create New Customer

http://localhost:8090/customers

New Customer can be created by giving his/her fullname, phone number and email.
There are usual validations in the system.

Body raw (json)

```json
{
    "fullName":"Manu Shrivastava",
    "phoneNumber" : "785462154",
    "email":"manu.shrivastava@ru.com"
}
```

POST Create New Dealer

http://localhost:8090/dealers

New Customer can be created by giving Company Name, email and representative
fullname There are usual validations in the system.

Body raw (json)

```json
{
    "name":"ABC Corp",
    "email":"manu.shrivastava@ru.com",
```

```json
        "representativeFullName":"Radhe Shyam Tiwari"
    }
```

POST Assign Car to Customer

http://localhost:8090/assign-car-customer

A car in the system can be assigned to customer using below request

Body raw (json)

```json
json

{
"carUniqueNumber": "03TXA",
"customerId": "101"
}
```

POST Unassign Car to Customer

http://localhost:8090/unassign-car-customer

A car in the system can be unassigned from customer using below request

Body raw (json)

```json
{
"carUniqueNumber": "03TXA",
"customerId": "101"
}
```

POST   Assign Customer to Dealer

http://localhost:8090/assign-customer-dealer

A Customer in the system can be assigned to dealer using below request

Body raw (json)

```json
{
    "customerId":"103",
    "dealerId" : "1001"
}
```

POST   Unassign Customer to Dealer

http://localhost:8090/unassign-customer-dealer

A Customer in the system can be unassigned to dealer using below request

Body raw (json)

```json
{
    "customerId":"102",
    "dealerId" : "1001"
}
```

GET Get Customer details with Cars

http://localhost:8090/customers/101

Customer details can be requested with Customer Id. it also give the details about the car owned by customer

GET Get Dealer Details with Customer and Cars

http://localhost:8090/dealers/1001

Dealer details can be requested with dealer Id. it also give the details about customers and car owned by those customer.