

Appointment service Use Cases

1. Creating Appointment

Post Method : `http://localhost:8080/createAppointment`

PayLoad :

```
{
  "dcNumber": "7013",
  "appointmentDate": "2020-10-21",
  "truckNumber": 124,
  "pos": [
    {
      "poNbr": "12345678",
      "qty": 10
    },
    {
      "poNbr": "0123445",
      "qty": 6
    }
  ]
}
```

FORMAT JSON MINIFY JSON

```
{
  "dcNumber": "7013",
  "appointmentDate": "2020-10-21",
  "truckNumber": 124,
  "pos": [
    {
      "poNbr": "12345678",
      "qty": 10
    },
    {
      "poNbr": "0123445",
      "qty": 6
    }
  ]
}
```

201 Created 4452.24 ms

DETAILS ▾



```
{
  "appointmentId": 21,
  "dcNumber": "7013",
  "appointmentSlotId": 5,
  "appointmentStatusId": 1,
  "appointmentDate": "2020-10-21T00:00:00.000+00:00",
  "truckNumber": 124,
  "createdTimeStamp": "2020-10-26T06:59:16.525+00:00",
  "lastUpdateTimeStamp": "2020-10-26T06:59:16.805+00:00",
  "qty": 16
}
```

Activate Windows
Go to Settings to activate Windows.

Appointment Id 21 consumed by consumer:

```
C:\WINDOWS\system32\cmd.exe - kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic appointment-kafka --from-beginning
hi
afda
{"appointmentId":3,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514248629,"lastUpdateTimeStamp":1603514251383,"qty":10}
{"appointmentId":4,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514910336,"lastUpdateTimeStamp":1603514910580,"qty":10}
{"appointmentId":10,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516434483,"lastUpdateTimeStamp":1603516434488,"qty":10}
{"appointmentId":13,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603539518563,"lastUpdateTimeStamp":1603539518901,"qty":10}
hi
welcome
{"appointmentId":3,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514269665,"lastUpdateTimeStamp":1603514270297,"qty":10}
{"appointmentId":7,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516183616,"lastUpdateTimeStamp":1603516183620,"qty":10}
{"appointmentId":9,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516404500,"lastUpdateTimeStamp":1603516404505,"qty":10}
{"appointmentId":11,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516461195,"lastUpdateTimeStamp":1603516461330,"qty":10}
{"appointmentId":17,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603543381094,"lastUpdateTimeStamp":1603543381356,"qty":10}
{"appointmentId":20,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603592426888,"lastUpdateTimeStamp":1603592427185,"qty":16}
hi
{"appointmentId":21,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603695556525,"lastUpdateTimeStamp":1603695556805,"qty":16}
```

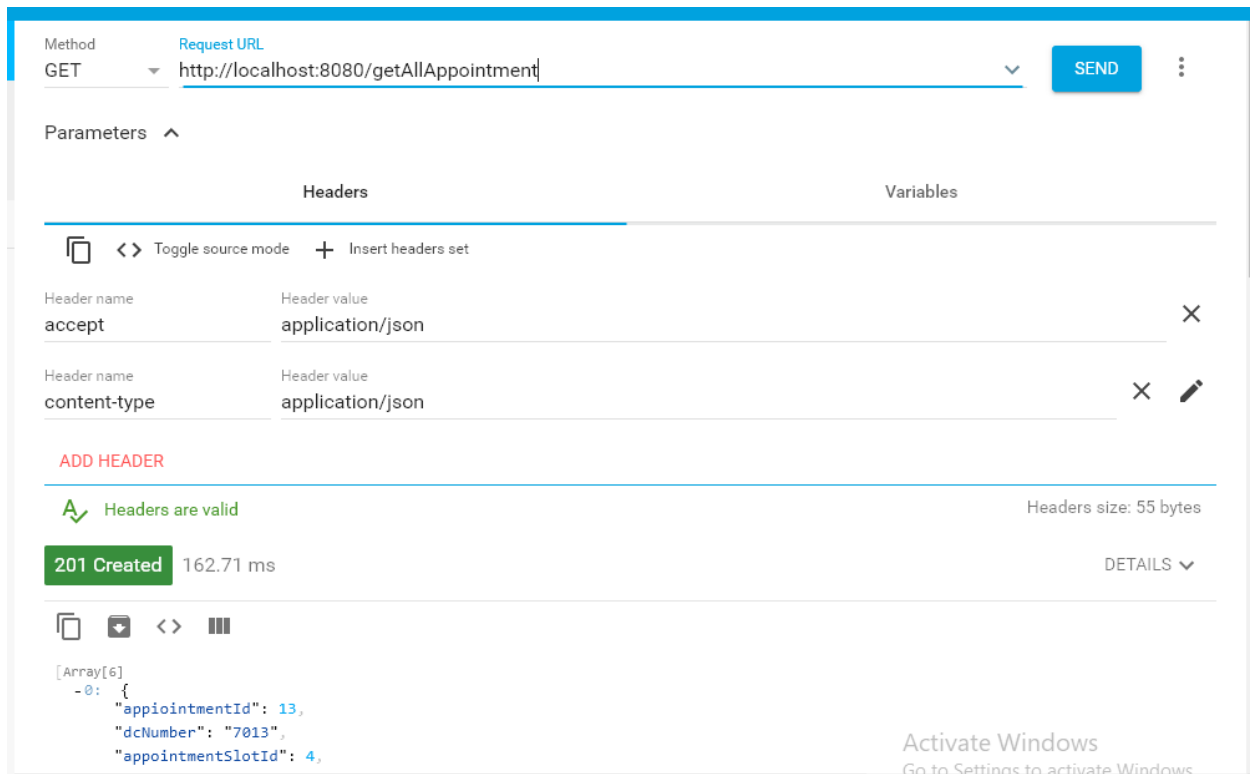
2. Update Appointment :

Put method <http://localhost:8080/updateAppointment/21>

```
{
  "dcNumber": "7013",
  "appointmentDate": "2020-10-21",
  "truckNumber": 124,
  "pos": [
    {
      "poNbr": "12345678",
      "qty": 10
    },
    {
      "poNbr": "0123445",
      "qty": 5
    }
  ]
}
```


3. Search All appointment:

GET method : <http://localhost:8080/getAllAppointment>



Response :

```
{
  "appointmentId": 13,
  "dcNumber": "7013",
  "appointmentSlotId": 4,
  "appointmentStatusId": 1,
  "appointmentDate": "2020-10-20T18:30:00.000+00:00",
  "truckNumber": 124,
  "createTimeStamp": "2020-10-24T11:38:39.000+00:00",
  "lastUpdateTimeStamp": "2020-10-24T11:38:39.000+00:00",
  "qty": 10
},
{
  "appointmentId": 16,
  "dcNumber": "7013",
```

```

"appointmentSlotId": 4,
"appointmentStatusId": 1,
"appointmentDate": "2020-10-20T18:30:00.000+00:00",
"truckNumber": 124,
"createdTimeStamp": "2020-10-24T11:40:50.000+00:00",
"lastUpdateTimeStamp": "2020-10-24T11:40:52.000+00:00",
"qty": 10
}

```

4. Deleting appointment:

Appointment Table entry before deleting appointment

```

44
45 • select * from appointment where appointment_id=21;
46
47 • select * from appointment_po where appointment_id=21;

```

appointment_id	booking_slot_id	appt_date	dc_nbr	created_timestamp	last_updated_timestamp	truck_nbr	qty	obsolete_indicator	appt_st
21	5	2020-10-21	7013	2020-10-26 12:34:05	2020-10-26 12:34:05	124	15	N	1
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Records in appointment_po table

appointment_id	po_nbr
21	123445
21	12345678
NULL	NULL

Delete Method : <http://localhost:8080/delete/21>

Method: DELETE Request URL: http://localhost:8080/delete/21

Parameters

Header name	Header value
accept	application/json
content-type	application/json

ADD HEADER

Headers are valid Headers size: 55 bytes

200 OK 328.95 ms

Appointment table entries removed

```

44
45 • select * from appointment where appointment_id=21;
46
47 • select * from appointment_po where appointment_id=21;

```

appointment_id	booking_slot_id	appt_date	dc_nbr	created_timestamp	last_updated_timestamp	truck_nbr	qty	obsolete_indicator
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Appointment_po entries relate to appointment

```

6
7 • select * from appointment_po where appointment_id=21;
8



```






appointment_id	po_nbr
NULL	NULL

5.If maximum truck count reached for the slot it will through exception “maximum truck count reached”

```
48
49 • select * from dc_slot where id=5;
50
```

result Grid









  Filter Rows:

Edit:    Export/Import:   Wrap

id	dc_nbr	booking_slot	created_timestamp	last_updated_timestamp	max_truck_count
5	7013	07:00	2020-10-24 00:00:00	2020-10-24 00:00:00	2
NULL	NULL	NULL	NULL	NULL	NULL

Total appointment booked for the slot is 2

```
50
51 • select appointment_id,booking_slot_id from appointment where booking_slot_id=5;
52
```

result Grid |   Filter Rows: | Edit:    | Export/Import:   | Wrap Cell Content: 

appointment_id	booking_slot_id
----------------	-----------------

19	5
----	---

20	5
----	---

NULL	NULL
------	------


```
{
  "dcNumber": "7013",
  "appointmentDate": "2020-10-21",
  "truckNumber": 124,
  "pos": [
    {
      "poNbr": "12345678",
      "qty": 10
    },
    {
      "poNbr": "0123445",
      "qty": 5
    }
  ]
}
```

500 Internal Server Error

41.75 ms

DETAILS ▾



```
{
  "timestamp": "2020-10-26T07:33:41.952+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "trace": "com.scheduler.appointment.exception.BusinessException: Maximum Truck count reached at"
```

6. Appointment sending to third party system:

Appointment Id 21 consumed by consumer:

```
C:\WINDOWS\system32\cmd.exe - kafka-console-consumer.bat --bootstrap-server localhost:9092 --topic appointment-kafka --from-beginning
hi
afda
{"appointmentId":3,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514248629,"lastUpdateTimeStamp":1603514251383,"qty":10}
{"appointmentId":4,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514910336,"lastUpdateTimeStamp":1603514910580,"qty":10}
{"appointmentId":10,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516434483,"lastUpdateTimeStamp":1603516434488,"qty":10}
{"appointmentId":13,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603539518563,"lastUpdateTimeStamp":1603539518901,"qty":10}
hi
welcome
{"appointmentId":3,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603514269665,"lastUpdateTimeStamp":1603514270297,"qty":10}
{"appointmentId":7,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516183616,"lastUpdateTimeStamp":1603516183620,"qty":10}
{"appointmentId":9,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516404500,"lastUpdateTimeStamp":1603516404505,"qty":10}
{"appointmentId":11,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603516461195,"lastUpdateTimeStamp":1603516461330,"qty":10}
{"appointmentId":17,"dcNumber":"7013","appointmentSlotId":4,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603543381094,"lastUpdateTimeStamp":1603543381356,"qty":10}
{"appointmentId":20,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603592426888,"lastUpdateTimeStamp":1603592427185,"qty":16}
hi
{"appointmentId":21,"dcNumber":"7013","appointmentSlotId":5,"appointmentStatusId":1,"appointmentDate":1603238400000,"truckNumber":124,"createdTimeStamp":1603695556525,"lastUpdateTimeStamp":1603695556805,"qty":16}
```

