Details and Screenshots of REST APIs

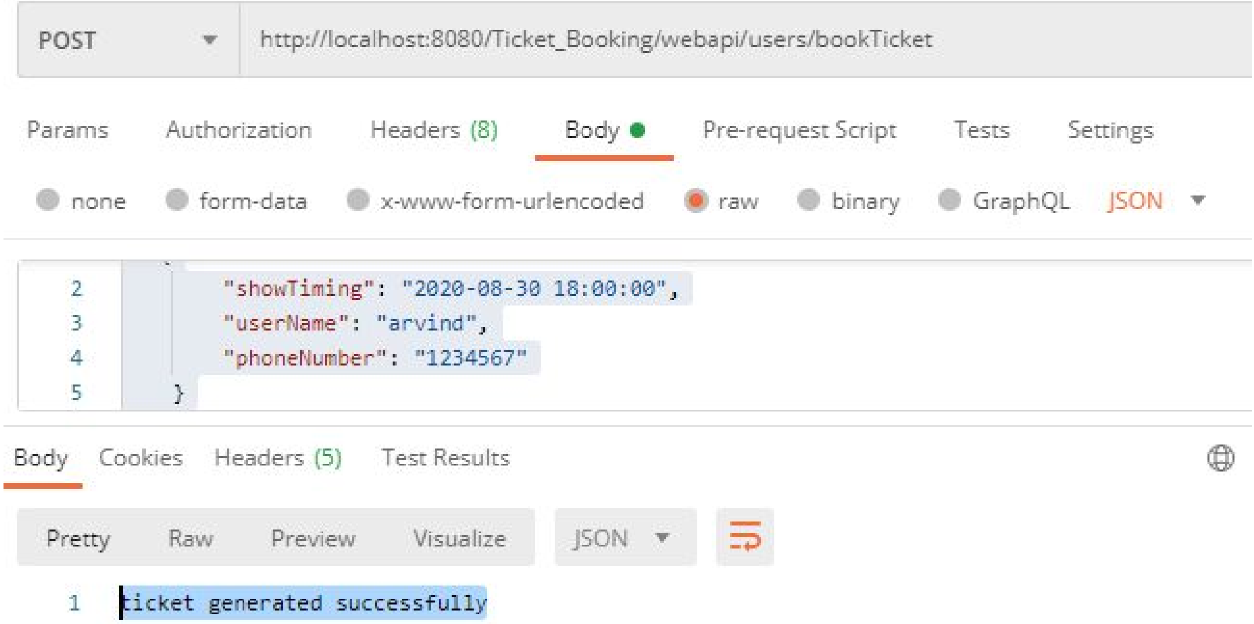
1. An endpoint to book a ticket using a user’s name, phone number, and timings

Url : http://localhost:8080/Ticket_Booking/webapi/users/bookTicket

Body:

```
{
        "showTiming": "2020-08-30 18:00:00",
        "userName": "arvind",
        "phoneNumber": "1234567"
}
```

Response : `ticket generated successfully`



POST http://localhost:8080/Ticket_Booking/webapi/users/bookTicket

```
    "showTiming": "2020-08-30 18:00:00",
    "userName": "arvind",
    "phoneNumber": "1234567"
}
```

```
ticket generated successfully
```

2. **An endpoint to update a ticket timing.**

   Url : http://localhost:8080/Ticket_Booking/webapi/users/updateTicketTiming

   Body :

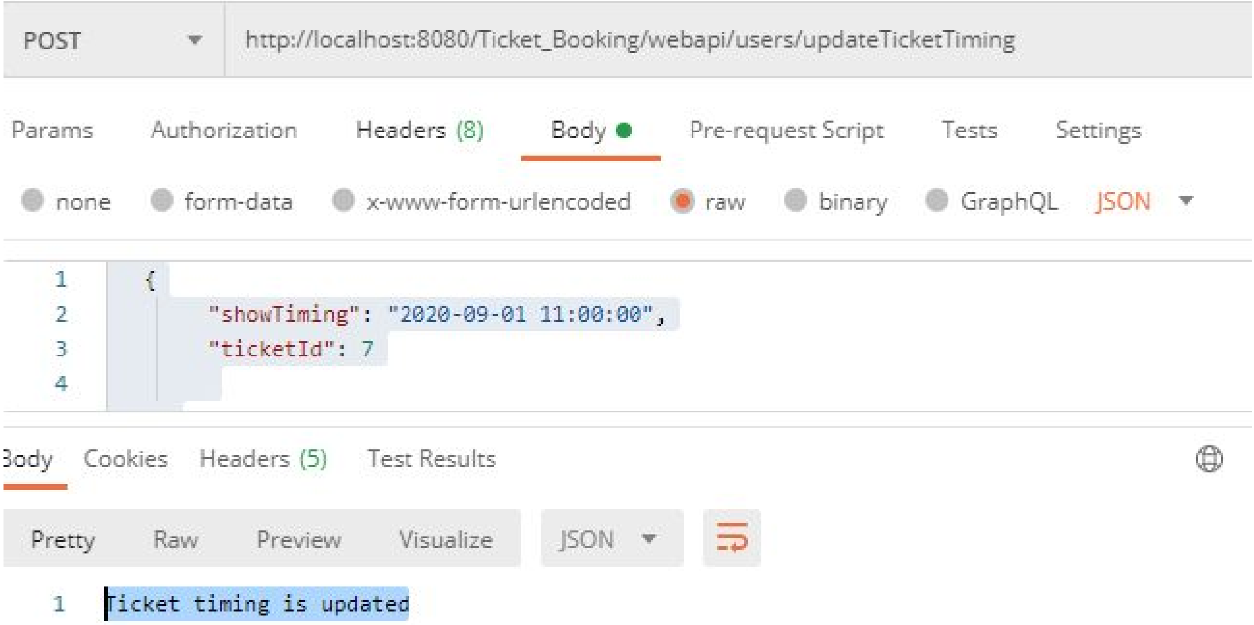
```
{

        "showTiming": "2020-09-01 11:00:00",

        "ticketId": 7


  }
```

Response : Ticket timing is updated



http://localhost:8080/Ticket_Booking/webapi/users/updateTicketTiming

```
{
    "showTiming": "2020-09-01 11:00:00",
    "ticketId": 7

```

```
Ticket timing is updated
```

3. An endpoint to view all the tickets for a particular time

Url : http://localhost:8080/Ticket_Booking/webapi/users/viewAllTickets

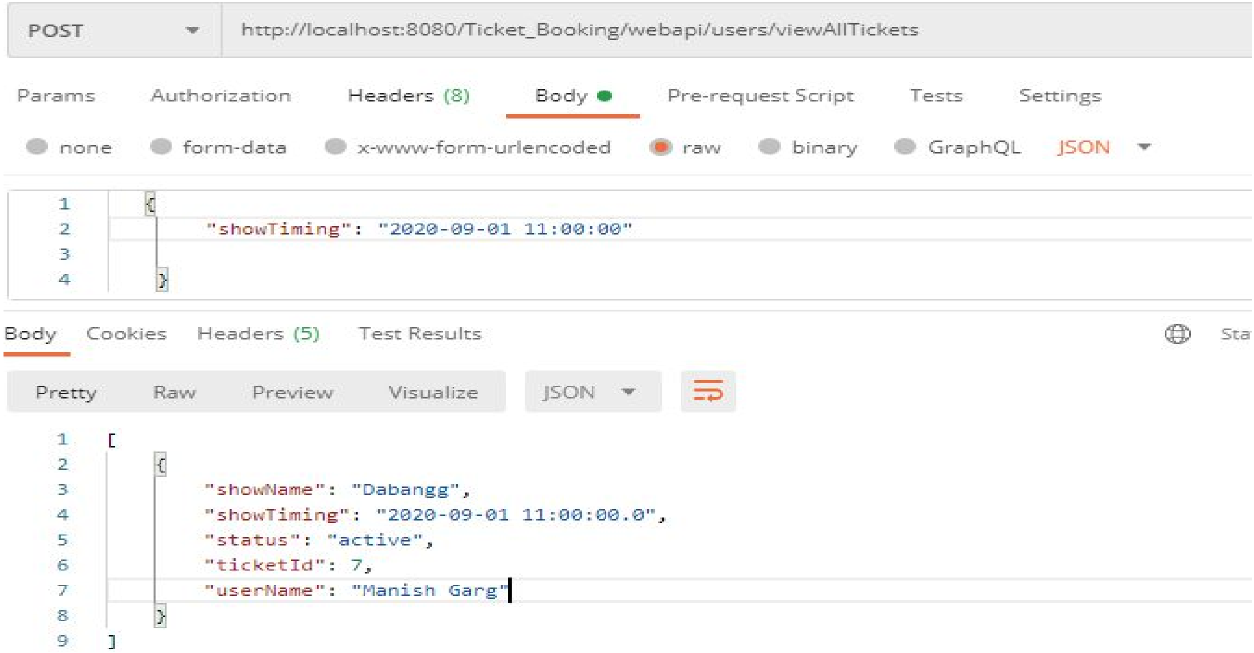
Body :

```
{
        "showTiming": "2020-08-30 18:00:00"


 }
```

Response :

```
 {
        "showName": "Dabangg",
        "showTiming": "2020-09-01 11:00:00.0",
        "status": "active",
        "ticketId": 7,
        "userName": "Manish Garg"
 }
```



POST http://localhost:8080/Ticket_Booking/webapi/users/viewAllTickets

```
{
    "showTiming": "2020-09-01 11:00:00"

}
```

```
[
    {
        "showName": "Dabangg",
        "showTiming": "2020-09-01 11:00:00.0",
        "status": "active",
        "ticketId": 7,
        "userName": "Manish Garg"
    }
]
```

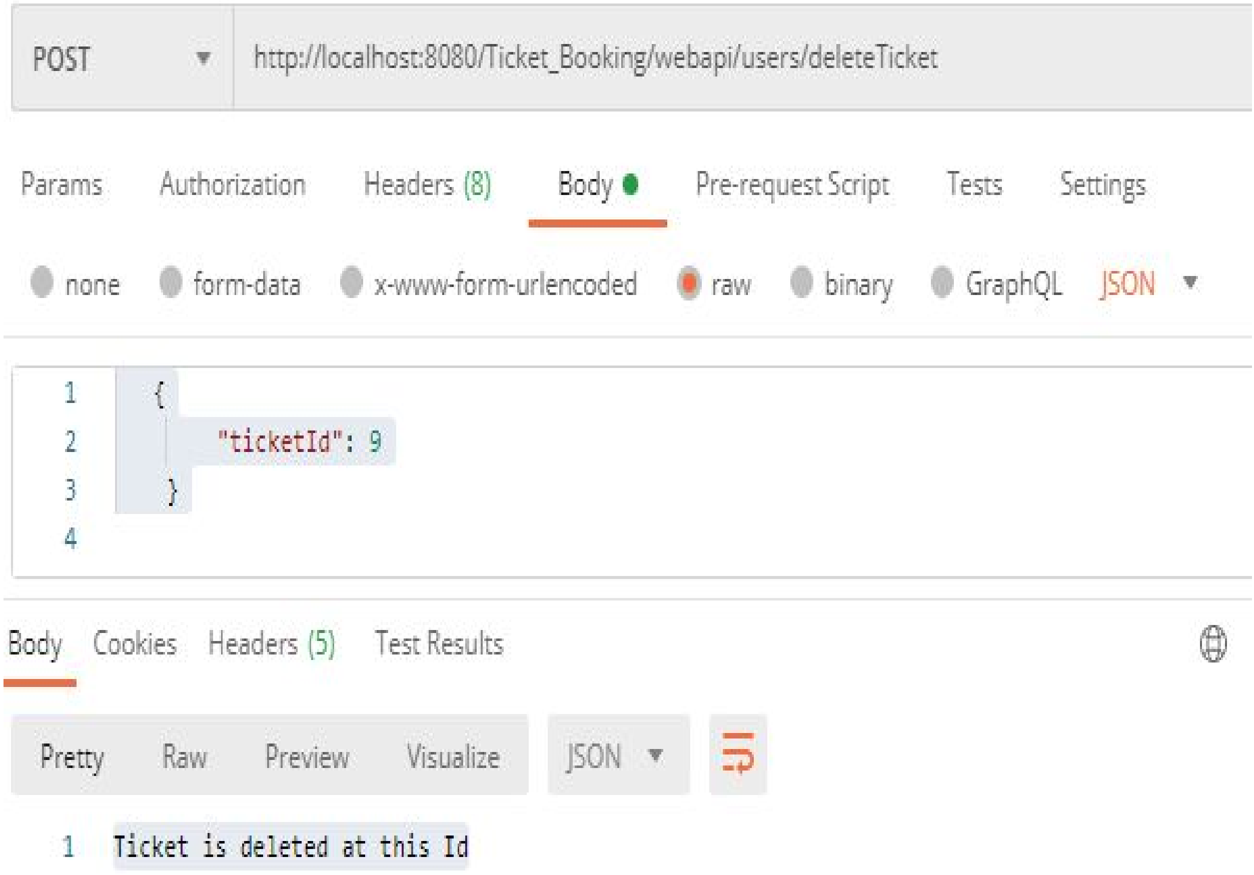
4. An endpoint to delete a particular ticket

Url : http://localhost:8080/Ticket_Booking/webapi/users/deleteTicket

Body :

```
{
      "ticketId": 9
 }
```

Response : Ticket is deleted at this Id



POST http://localhost:8080/Ticket_Booking/webapi/users/deleteTicket

Body: ● raw JSON

```
{
    "ticketId": 9
 }
```

```
Ticket is deleted at this Id
```

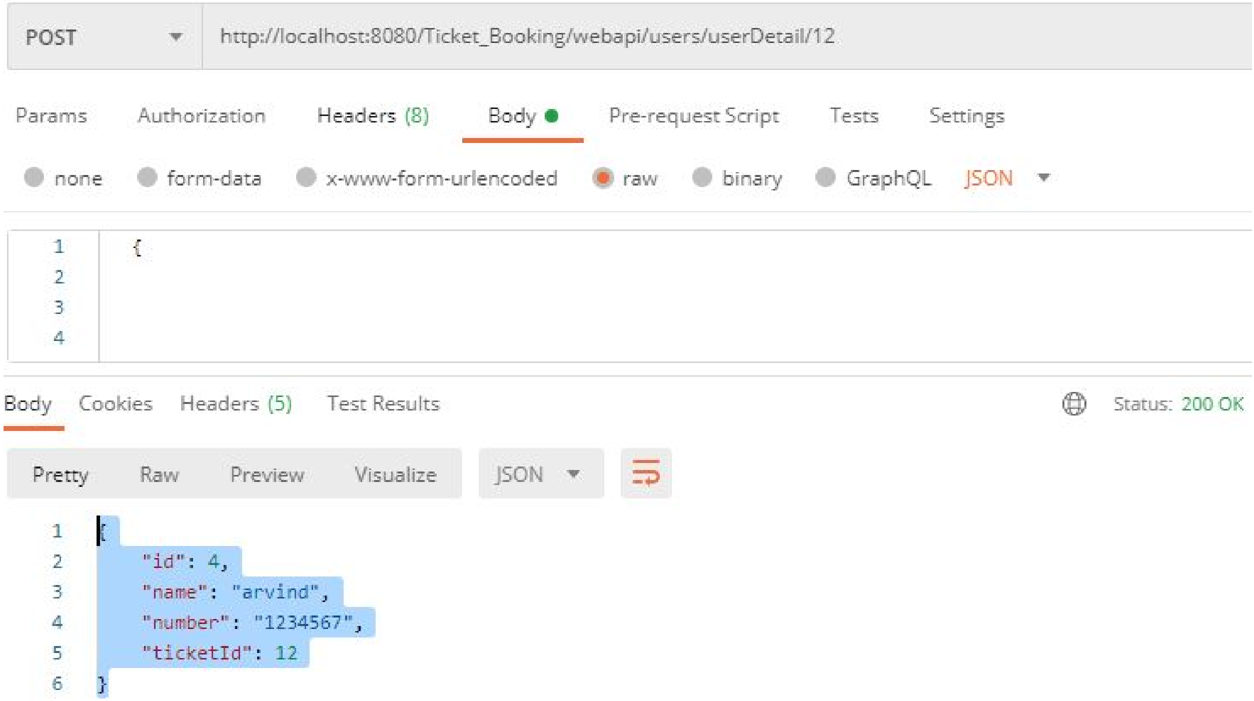
5. **An endpoint to view the users details based on the ticket id**

Url : http://localhost:8080/Ticket_Booking/webapi/users/userDetail/12

Body : null

Response :

```
{
    "id": 4,
    "name": "arvind",
    "number": "1234567",
    "ticketId": 12
}
```



POST http://localhost:8080/Ticket_Booking/webapi/users/userDetail/12

Body: ● raw JSON

```
{
```

Body — Status: 200 OK — Pretty — JSON

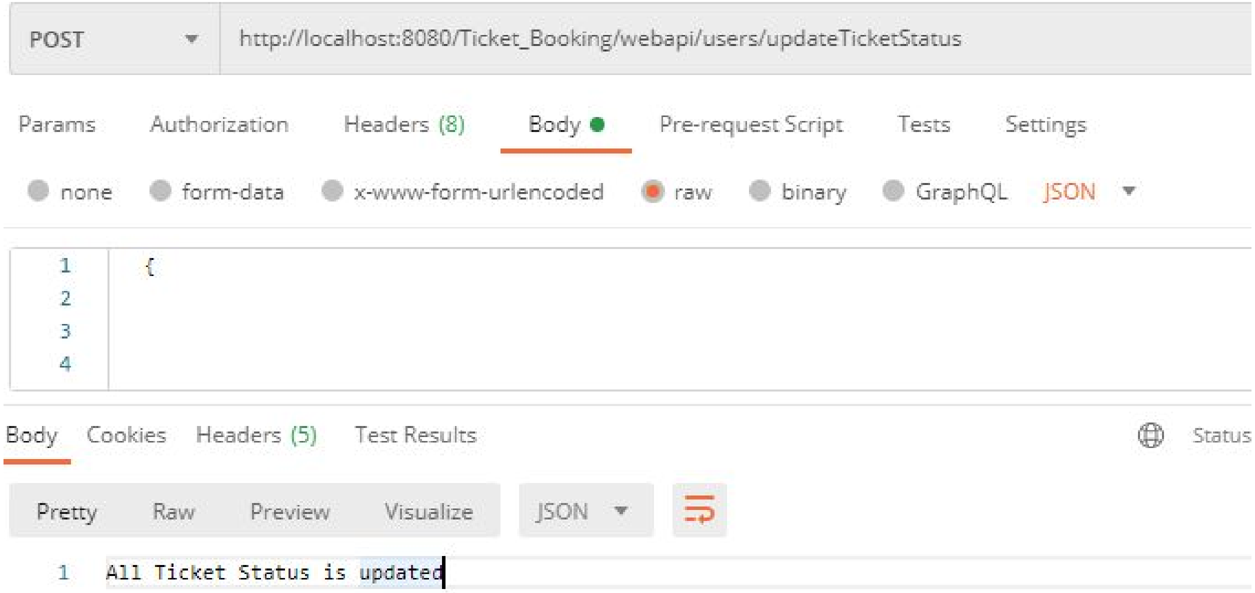
```
{
    "id": 4,
    "name": "arvind",
    "number": "1234567",
    "ticketId": 12
}
```

6. **Mark a ticket as expired if there is a diff of 8 hours between the ticket timing and current time.**

Url : http://localhost:8080/Ticket_Booking/webapi/users/updateTicketStatus

Body : null

Response : `All Ticket Status is updated`



```
{
```

```
All Ticket Status is updated
```

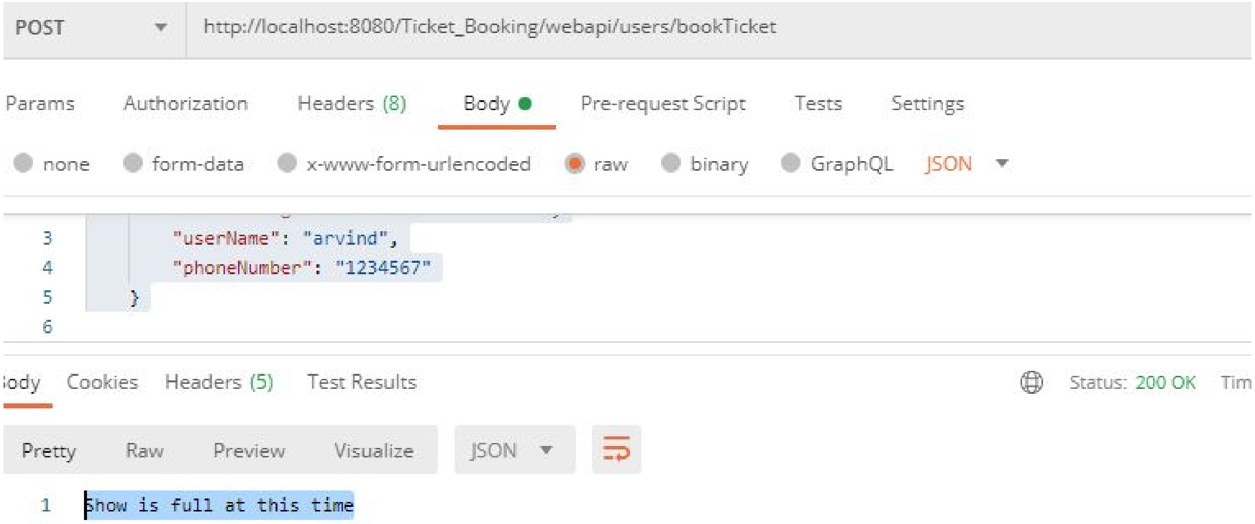
7. **For a particular timing, a maximum of 20 tickets can be booked**

Url : http://localhost:8080/Ticket_Booking/webapi/users/bookTicket

Body :

```
{
        "showTiming": "2020-08-30 18:00:00",
        "userName": "arvind",
        "phoneNumber": "1234567"
 }
```

Response : `Show is full at this time`



POST http://localhost:8080/Ticket_Booking/webapi/users/bookTicket

Body: ● raw, JSON

```
    "userName": "arvind",
    "phoneNumber": "1234567"
}
```

Status: 200 OK

Pretty, JSON

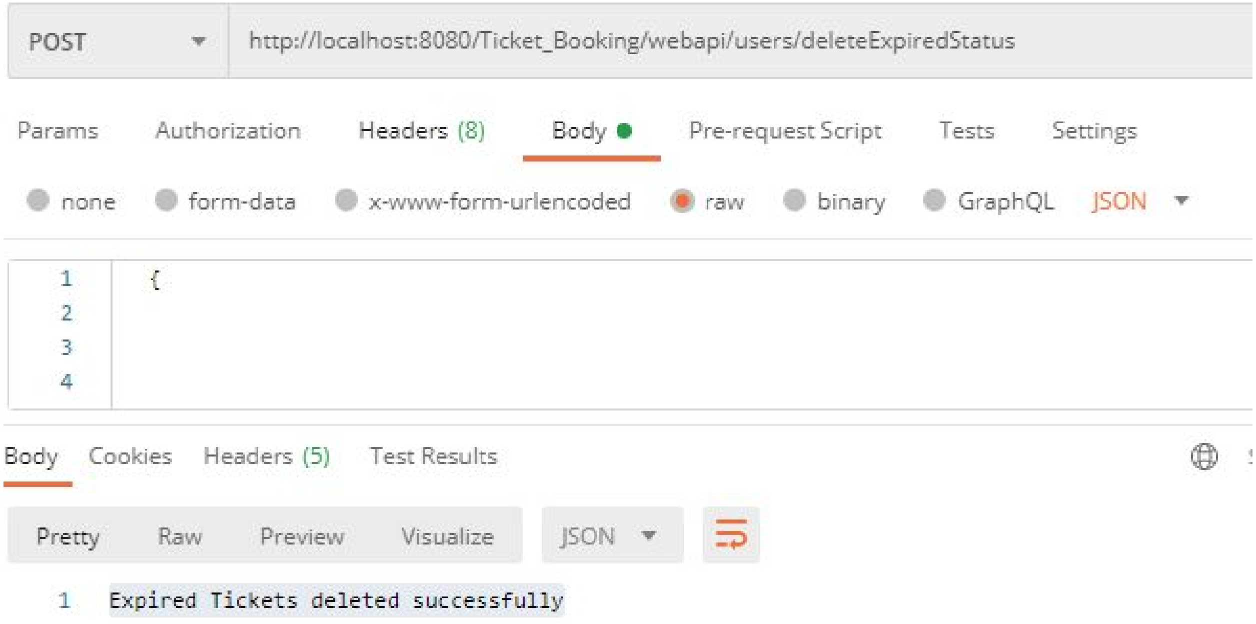
```
Show is full at this time
```

8. **Delete all the tickets which are expired automatically.**

Url : http://localhost:8080/Ticket_Booking/webapi/users/deleteExpiredStatus

Body : null

Response : `Expired Tickets deleted successfully`



POST http://localhost:8080/Ticket_Booking/webapi/users/deleteExpiredStatus

```
{
```

```
Expired Tickets deleted successfully
```