

Day 40- Hall Booking API

BASE URL : <https://hallbooking-joshua14.onrender.com/>

API to create room

The screenshot shows a REST client interface with a collection named 'createRoom'. A POST request is configured to the endpoint `https://hallbooking-joshua14.onrender.com/rooms`. The request body is a JSON object with the following structure:

```
{  "name": "Room 3",  "seats": "2",  "amenities": ["Bed", "Bathroom", "Wifi"],  "pricePerHour": 400}
```

The response status is 201 Created, with a response time of 1115 ms and a body size of 746 B. The response body is displayed in a 'Pretty' JSON format:

```
{  "id": 3,  "name": "Room 3",  "seats": "2",  "amenities": [    "Bed",    "Bathroom",    "Wifi"  ],  "pricePerHour": 400}
```

The interface includes tabs for Params, Auth, Headers (8), Body (selected), Pre-req, Tests, and Settings. There are also buttons for Save, Send, Cookies, Beautify, and Save as Example.

API to book a room

The screenshot shows a REST client interface with a POST request to `https://hallbooking-joshua14.onrender.com/bookings`. The request body is a JSON object with the following fields: `customerName` (User 2), `date` (18-07-2023), `startTime` (18.00), `endTime` (21.00), and `roomId` (3). The response status is 201 Created, with a response time of 1167 ms and a body size of 754 B. The response body is a JSON object with the following fields: `id` (3), `customerName` (User 2), `date` (18-07-2023), `startTime` (18.00), `endTime` (21.00), and `roomId` (3).

```
POST https://hallbooking-joshua14.onrender.com/bookings

{
  "customerName": "User 2",
  "date": "18-07-2023",
  "startTime": "18.00",
  "endTime": "21.00",
  "roomId": 3
}
```

Body 201 Created 1167 ms 754 B Save as Example

```
{
  "id": 3,
  "customerName": "User 2",
  "date": "18-07-2023",
  "startTime": "18.00",
  "endTime": "21.00",
  "roomId": 3
}
```

If I again try to book with the same date and time I get a error

The screenshot shows the same REST client interface with the same POST request. The response status is 400 Bad Request, with a response time of 412 ms and a body size of 720 B. The response body is a JSON object with the following field: `error` (Room is already booked for the given date and time.).

```
POST https://hallbooking-joshua14.onrender.com/bookings

{
  "customerName": "User 2",
  "date": "18-07-2023",
  "startTime": "18.00",
  "endTime": "21.00",
  "roomId": 3
}
```

Body 400 Bad Request 412 ms 720 B Save as Example

```
{
  "error": "Room is already booked for the given date and time."
}
```

API to fetch all rooms with booked data

HTTP <https://hallbooking-joshua14.onrender.com/rooms/bookings> Save

GET <https://hallbooking-joshua14.onrender.com/rooms/bookings> Send

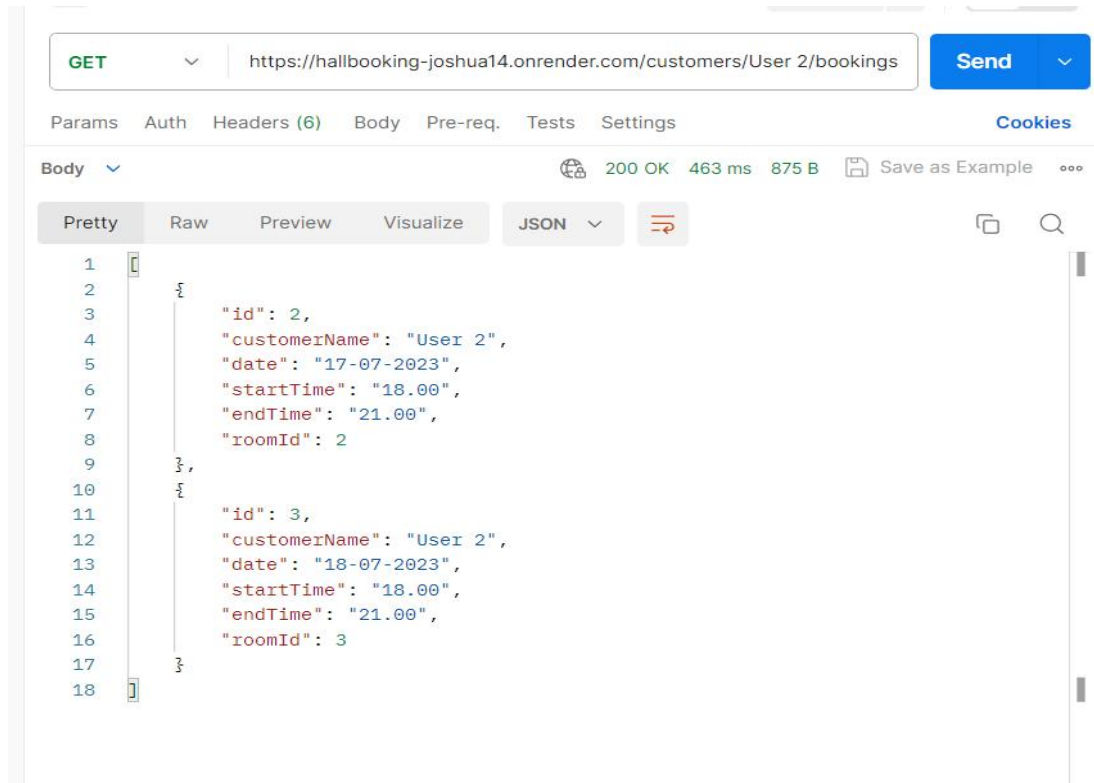
Params Auth Headers (6) Body Pre-req. Tests Settings Cookies

Body 200 OK 1084 ms 1.09 KB Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "roomId": 1,
4     "roomName": "Room 1",
5     "bookings": [
6       {
7         "id": 1,
8         "customerName": "User 1",
9         "date": "17-07-2023",
10        "startTime": "18.00",
11        "endTime": "21.00",
12        "roomId": 1
13      }
14    ]
15  },
16  {
17    "roomId": 2,
18    "roomName": "Room 2",
19    "bookings": [
20      {
21        "id": 2,
22        "customerName": "User 2",
23        "date": "17-07-2023",
24        "startTime": "18.00",
25        "endTime": "21.00",
26        "roomId": 2
27      }
28    ]
29  }
30 }
```

API to fetch bookings made by a single customer



GET https://hallbooking-joshua14.onrender.com/customers/User 2/bookings Send

Params Auth Headers (6) Body Pre-req. Tests Settings Cookies

Body 200 OK 463 ms 875 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id": 2,
4     "customerName": "User 2",
5     "date": "17-07-2023",
6     "startTime": "18.00",
7     "endTime": "21.00",
8     "roomId": 2
9   },
10  {
11    "id": 3,
12    "customerName": "User 2",
13    "date": "18-07-2023",
14    "startTime": "18.00",
15    "endTime": "21.00",
16    "roomId": 3
17  }
18 }
```

API to list all customers with booked Data

GET

https://hallbooking-joshua14.onrender.com/customers/bookings

Send

Params Auth Headers (6) Body Pre-req. Tests Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body

200 OK 1033 ms 984 B Save as Example

Pretty Raw Preview Visualize JSON

```
1  [
2    {
3      "customerName": "User 1",
4      "roomName": "Room 1",
5      "date": "17-07-2023",
6      "startTime": "18.00",
7      "endTime": "21.00"
8    },
9    {
10     "customerName": "User 2",
11     "roomName": "Room 2",
12     "date": "17-07-2023",
13     "startTime": "18.00",
14     "endTime": "21.00"
15   },
16   {
17     "customerName": "User 2",
18     "roomName": "Room 3"
```