Details for Booking API "<mark>/booking</mark>"

This endpoint is responsible for collecting information like fromDate, toDate,aadharNumber,numOfRooms from the user and save it in its database.

<mark>URL</mark>
http://localhost:9191/hotel/booking

- **URI: /booking**
- **HTTP METHOD: POST**
- **RequestBody: fromDate, toDate,aadharNumber,numOfRooms**

Request Sample

```
{
     "fromDate": "2016-03-16T13:56:39.492",
    "toDate": "2016-03-25T13:56:39.492",
    "aadharNumber": "aadhar 2",
    "numOfRooms": 10
}
```

Response Sample

```
{
    "bookingId": 1,
    "fromDate": "2016-03-16T13:56:39.492",
    "toDate": "2016-03-25T13:56:39.492",
    "aadharNumber": "aadhar 2",
    "numOfRooms": 10,
    "roomNumbers": "86, 53, 8, 88, 6, 57, 16, 75, 83, 19",
    "roomPrice": 90000,
    "transactionId": 0,
    "bookedOn": "2021-09-20T09:16:53.9744967"
}
```

Details for Booking API "==booking/{bookingId}/transaction=="

This endpoint is responsible for taking the payment related details from the user and sending it to the payment service. It gets the transactionId from the Payment service in response and saves it in the booking table. Please note that for the field 'paymentMode', if the user provides any input other than 'UPI' or 'CARD', then it means that the user is not interested in the booking and wants to opt-out.

==URL==
http://localhost:9191/hotel/booking/{bookingId}/transaction

- **URL: booking/{bookingId}/transaction**
- **HTTP METHOD: POST**
- **PathVariable: int**
- **RequestBody: paymentMode, bookingId, upiId,cardNumber**

Request Sample

```
{
    "paymentMode": "UPI",
    "bookingId": 3,
    "upiId": "upi details",
    "cardNumber": ""
}
```

Response Sample

```
1
```

Details for Booking API "==booking/=="

This endpoint is responsible for giving all saved bookings data from database.

==URL==
==http://localhost:9191/hotel/booking==

==● **URL: http://localhost:9191/hotel/booking**==
==● **HTTP METHOD: GET**==

Response Sample

```
[
    {
        "bookingId": 1,
        "fromDate": "2016-03-16T13:56:39.492",
        "toDate": "2016-03-25T13:56:39.492",
        "aadharNumber": "aadhar 2",
        "numOfRooms": 10,
        "roomNumbers": "15, 54, 45, 13, 90, 23, 79, 83, 16, 19",
        "roomPrice": 90000,
        "transactionId": 0,
        "bookedOn": "2021-09-20T09:50:10.24498"
    }
]
```

Details for Booking API "booking/{bookingId}"

This endpoint is responsible for giving saved booking data from the database based on booking id which we give as input by pathvariable.

URL
http://localhost:9191/hotel/booking/{bookingId}

- **URL: http://localhost:9191/hotel/booking/{bookingId}**
- **HTTP METHOD: GET**
- **PathVariable: int**

Response Sample

```
[
    {
        "bookingId": 1,
        "fromDate": "2016-03-16T13:56:39.492",
        "toDate": "2016-03-25T13:56:39.492",
        "aadharNumber": "aadhar 2",
        "numOfRooms": 10,
        "roomNumbers": "15, 54, 45, 13, 90, 23, 79, 83, 16, 19",
        "roomPrice": 90000,
        "transactionId": 0,
        "bookedOn": "2021-09-20T09:50:10.24498"
    }
]
```

-- Payment Service

Details for Booking API "payment/transaction"

This endpoint is responsible for save transaction data to the database and return transactionId automatically generated while storing the details in the 'transaction' table

URL : http://localhost:8083/payment/transaction

- **URL: /transaction**
- **HTTP METHOD: POST**
- **RequestBody: paymentMode, bookingId, upiId, cardNumber**

Request Sample

```
{
    "paymentMode": "UPI",
    "bookingId": 3,
    "upiId": "upi details",
    "cardNumber": ""
}
```


Response Sample

```
1
```

Details for Booking API "==booking/{bookingId}=="

This endpoint is responsible for giving saved transaction data from the database based on the Transaction id which we give as input by pathvariable.

==URL== : http://localhost:8083/payment/transaction==/{transactionId}==

- **==URL: /transaction/{transactionId}==**
- **==HTTP METHOD: GET==**
- **==RequestBody: (PathVariable) int==**
- **==Response Status: OK==**
- **==Response: ResponseEntity<TransactionDetailsEntity>==**

Response Sample

```
{
    "transactionId": 1,
    "paymentMode": "UPI",
    "bookingId": 3,
    "upiId": "upi details",
    "cardNumber": ""
}
```