

# HOTEL BOOKING APIs

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Subject: HOTEL BOOKING APIs

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## 1. INTRODUCTION

Purpose of Document: This document contains the APIs developed for mini hotel booking reservation.

## 2. WEB SERVICE SPECIFICATION: The service is REST service

### A. CREATE CUSTOMER

Method name: createUser

Method: POST

API URL: <http://localhost:9090/api/hotel/reservation/createuser>

PARAMETERS:

NAME	DESCRIPTION
username	Username to use in logging
password	Password for signing up
firstname	Firstname of customer
lastname	Lastname of customer
email	Email address of customer
phone	Phone number of customer

Sample Request in JSON

```
{  
  "username": "Bobby",  
  "password ": "617019637",  
  "firstname ": "BELUCHUKWU",  
  "lastname": "BENEDICT NWEKE",  
  "email": "beluchukwu@gmail.com",  
  "phone": "0908734521"  
}
```

Sample Response

```
{  
  
}
```

B. CUSTOMER LOGIN

Method name: login

Method: POST

API URL: <http://localhost:9090/v1/hotel/reservation/login>

PARAMETERS:

NAME	DESCRIPTION
username	Username to use in logging
password	Password for signing up

Sample Request in JSON

```
{  
  "username": "Bobby",  
  "password ": "617019637",  
}
```

Sample Response

```
{  
  "username": "Bobby",  
  "password ": "617019637",  
  "firstname ": "BELUCHUKWU",  
  "lastname": "BENEDICT NWEKE",  
  "email": "beluchukwu@gmail.com",  
  "phone": "0908734521",  
  "token": "eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiI1TTI3TVAiLCJhdWRpZW5jZSI6InVua25vd24iLCJjcmVhdGVkljoxNTc1MDIzMDU5NzU2LCJleHAiOiJlNzUwMzAyNTI9Ldd9Xv1_k0A4DAH6ExmTZfRViPeBnRXWG1V4OyqJSQgN1wRVIJUlhs3gxdEGfNcjj2Z2HVNhjdEUI2f90ujMUcg"  
}
```

C. CUSTOMER DETAILS

Method name: getCustomer

Method: GET

API URL: http://localhost:9090/ v1/hotel/reservation/{id}/getCustomer

PARAMETERS:

NAME	DESCRIPTION
id	Customer's ID

JSON

Sample Response

```
{
  "username": "Bobby",
  "password ": "617019637",
  "firstname ": "BELUCHUKWU",
  "lastname": "BENEDICT NWEKE",
  "email": "beluchukwu@gmail.com",
  "phone": "0908734521"
}
```

D. ALL CUSTOMER DETAILS

Method name: getAllCustomer

Method: GET

API URL: http://localhost:9090/ v1/hotel/reservation/allCustomer

JSON

Sample Response

```
[
{
  "username": "Bobby",
  "password ": "617019637",
  "firstname ": "BELUCHUKWU",
  "lastname": "BENEDICT NWEKE",
```

```
"email": "beluchukwu@gmail.com",
```

```
"phone": "0908734521"
```

```
}
```

```
{
```

```
"username": "Bobby",
```

```
"password ": "617019637",
```

```
"firstname ": "BELUCHUKWU",
```

```
"lastname": "BENEDICT NWEKE",
```

```
"email": "beluchukwu@gmail.com",
```

```
"phone": "0908734521"
```

```
}
```

```
{
```

```
"username": "Bobby",
```

```
"password ": "617019637",
```

```
"firstname ": "BELUCHUKWU",
```

```
"lastname": "BENEDICT NWEKE",
```

```
"email": "beluchukwu@gmail.com",
```

```
"phone": "0908734521"
```

```
}
```

```
]
```

D. DELETE CUSTOMER

Method name: deleteCustomer

Method: GET

API URL: [http://localhost:9090/ v1/hotel/reservation/{id}/deleteCustomer](http://localhost:9090/v1/hotel/reservation/{id}/deleteCustomer)

PARAMETERS:

NAME	DESCRIPTION
id	Customer's ID

JSON

Sample Response

```
{  
  "username": "Bobby",  
  "password ": "617019637",  
  "firstname ": "BELUCHUKWU",  
  "lastname": "BENEDICT NWEKE",  
  "email": "beluchukwu@gmail.com",  
  "phone": "0908734521"  
}
```

E. UPDATE CUSTOMER

Method name: login

Method: POST

API URL: [http://localhost:9090/ v1/hotel/reservation/updateCustomer](http://localhost:9090/v1/hotel/reservation/updateCustomer)

PARAMETERS:

NAME	DESCRIPTION
username	Username to use in logging
password	Password for signing up

F. CREATE BOOKING

Method name: createBooking

Method: POST

API URL: <http://localhost:9090/api/hotel/reservation/createBooking>

PARAMETERS:

NAME	DESCRIPTION
type	Booking category
modelCode	Code for booking
brandName	Brand name
status	Status
roomNumber	Room Number

Sample Request in JSON

```
{  
  "type": "Mini Standard",  
  "modelCode": "617019637",  
  "brandName": "Executive",  
  "status": "Booked",  
  "roomNumber": "104"  
}
```

Sample Response

```
{  
  
}
```

G. GET BOOKING

Method name: getBooking

Method: GET

API URL: <http://localhost:9090/v1/hotel/reservation/{id}/getHotelBooking>

#### PARAMETERS:

NAME	DESCRIPTION
id	Booking's ID

#### JSON

##### Sample Response

```
{  
  "type": "Mini Standard",  
  "modelCode": "617019637",  
  "brandName": "Executive",  
  "status": "Booked",  
  "roomNumber": "104"  
}
```

#### H. ALL BOOKING DETAILS

Method name: getAllBooking

Method: GET

API URL: <http://localhost:9090/v1/hotel/reservation/allBookingHistory>

#### JSON

##### Sample Response

```
[  
  {  
    "type": "Mini Standard",  
    "modelCode": "617019637",  
    "brandName": "Executive",  
    "status": "Booked",  
    "roomNumber": "104"  
  },  
  {  
    "type": "Mini Standard",  
    "modelCode": "617019637",  
    "brandName": "Executive",  
    "status": "Booked",  
    "roomNumber": "104"  
  }  
]
```



```
" roomNumber": "104"
}

{
  " type": "Mini Standard",
  " modelCode": "617019637",
  " brandName": "Executive",
  " status": "Booked",
  " roomNumber": "104"
}

]
```

#### I. DELETE BOOKING

Method name: deleteBooking

Method: GET

API URL: <http://localhost:9090/v1/hotel/reservation/{id}/deleteBooking>

#### PARAMETERS:

NAME	DESCRIPTION
id	Booking's ID

#### J. UPDATE BOOKING

Method name: login

Method: POST

API URL: <http://localhost:9090/v1/hotel/reservation/{id}/update>

#### PARAMETERS:

NAME	DESCRIPTION
type	Booking category

modelCode	Code for booking
brandName	Brand name
status	Status
roomNumber	Room Number

#### Sample Request in JSON

```
{
  "type": "Mini Standard",
  "modelCode": "617019637",
  "brandName": "Executive",
  "status": "Booked",
  "roomNumber": "104"
}
```

#### Sample Response

```
{
}
```