**Hotel Booking Service API Documentation**

**Versions:**

|  |  |  |
| --- | --- | --- |
| Author | Version | Date |
| Shamsheer | 1.1 | 03-09-2019 |

**Description:**

The API is exposed through Node JS and the back end service is spring boot micro-service which process the request coming from node server.

**Kindly run both Node server and spring boot micro-service for this application to run.**

**Node JS:**

<https://github.com/shamsheer505/hotel-booking-system-node.git>

To Start node server : npm start

**Spring micro service:**

<https://github.com/shamsheer505/projects.git>

**Endpoints:**

|  |  |  |  |
| --- | --- | --- | --- |
| SL. NO | Endpoint | What It Does | Request Type |
| 1 | /hotelbookingsservice/api/rooms | Books hotel rooms based on the bonus point’s balance user has in his account. | POST |
| 2 | /user-management/api/users | Adds bonus points to user based on the user-Id provided in the request. | POST |

**API Calls:**

1. **Book Hotel Room with Bonus points**

**Request Method: POST**

**End Point :** /hotelbookingsservice/api/rooms

**Request URL:** <http://localhost:9081/hotelbookingsservice/api/rooms>

**Request Body:**

|  |
| --- |
| {  "userId" : "123",  "roomCategory" : "Single Room",  "numberOfRooms" : "2"  } |

Available User IDs: 123, 122, 145

Available roomCategories: Single Room, Double Room, Single Room with AC

**Note:** you can use the available user IDs to test different users.

**Response:**

|  |
| --- |
| {  "code": "200",  "status": "200",  "statusMessage": "Hotel room(s) booked successfully with Booking ID : 71",  "data": null  } |

1. **Add bonus points to the User**

**Request Method: POST**

**End Point :** /user-management/api/users

**Request URL :** <http://localhost:9081/user-management/api/users>

**Request Body:**

|  |
| --- |
| {  "userId" : "123",  "numberOfPoints" : 5000  } |

Available User IDs: 123, 122, 145

**Note:** you can use the available user IDs to test different users.

**Response:**

|  |
| --- |
| {  "code": "200",  "status": "200",  "statusMessage": "Added bonus points to user successfully ",  "data": null  } |

**Logs:**

Logs will be available in the root directory of the respective applications. Correlation Id is added for each request in micro service to track the API request in efficient and better way.

1. **In Node server**

Log\_info.log

Log\_error.log

1. **In Micro service**

hotel-booking-service.log.