#### **Hotel booking API**

create a hotel booking api in Spring boot where hotel owner registers their hotels and add rooms to it and perform other operations, so that it can be displayed for booking. You need to perform the specified operations below

#### Models:

These are the database models used in the application.

### Owner\_Model

Field Name	Туре	Primary key	comments
userName	String	yes	
password	String		
age	Integer		
email	String	unique	
hotels			One-to-Many relationship with HotelModel

### Hotel\_Model

Field Name	Туре	Primary key	comments
id	Integer	yes	
hotelName	String		
address	String		
owner			Many-to-one relationship with OwnerModel

# Room\_Model

Field Name	Туре	Primary key	Comments
id	Integer	yes	
roomNo	Integer		
rentAmount	Float		
occupied	Boolean		Default = false
hotelld	Integer		ForeignKey -> HotelModel.id

The models are already created for you and you have to only finish the controller, service and repository code.

The Owner repository already has the following data in the table as given below.

UserName	Age	Password	Email
madara88	24	q1e3w2aqsw	wakeup2reality@no
			mail.com

## **Endpoints:**

<b>End-point</b>	Functionality	Request	Success	Error
_		parameter	Response	Response
/hotel/add	Create and adds	JSON Body-	201 created	400 bad
Method - POST	a hotel. <b>Assume</b>	{	{	request
	that the request body is always valid and owner object with the given name always found.	"hotelName":  "akatsukiInn",  "address":  "28/L leaf village",  "ownerName":  "madara88"  }	"id": 1,  "hotelName":  "akatsukiInn",  "address":  "28/L leaf village"  }	
/room/add Method - POST	Create and adds a hotel. Assume that the request body is always valid.	JSON Body- {     "roomNo": 101,     "rentAmount":     2500,     "hotelId": 1,     "floorNo": 1 }	201 created {     "id": 1,     "roomNo": 101,     "rentAmount":     2500.0,     "occupied": false,     "hotelId": 1,     "floorNo": 1 }	400 bad request

/rooms/get return all room objects in the room Table.  Assume that the path variable is always found.  /rooms/book/{room objects of a particular hotel Id. Method - GET  /rooms/book/{room with given roomid to true/false.  /rooms/delete/{roo mid}	1 .	0.11	Etal Cal	200.01	400.1 1
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