

# Room

## GET

Function	Get all Rooms
URL Params	None
Body	None
Route	https://localhost:8080/api/rooms
Returns	A list of all Rooms (List<Room>)

Function	Get Room by id
URL Params	{id of room}
Body	None
Route	https://localhost:8080/api/rooms/{id of room}
Returns	A single Room or null (Room not found)

# Activity

## GET

Function	Get all Activities
URL Params	None
Body	None
Route	https://localhost:8080/api/activities
Returns	A list of all activities (List<activities>)

Function	Get Activity by id
URL Params	{id of activity}
Body	None
Route	https://localhost:8080/api/activities/{ id of activity}
Returns	A single Room or null (Room not found)

# Room\_Booking

## GET

Function	Get all Room bookings
URL Params	None
Body	None
Route	<a href="https://localhost:8080/api/rooms/bookings">https://localhost:8080/api/rooms/bookings</a>
Returns	A list of all activities (List<Bookings>)

Function	Get Room booking by user id
URL Params	{id of user}
Body	None
Route	<a href="https://localhost:8080/api/rooms/bookings/user/{id of user}">https://localhost:8080/api/rooms/bookings/user/{id of user}</a>
Returns	A single Room or null (Room not found)

Function	Get Room booking by room id
URL Params	{id of room}
Body	None
Route	<a href="https://localhost:8080/api/rooms/bookings/room/{id of room}">https://localhost:8080/api/rooms/bookings/room/{id of room}</a>
Returns	A single Room or null (Room not found)

Function	Get Room booking by room booking id
URL Params	{id of room booking}
Body	None
Route	<a href="https://localhost:8080/api/rooms/bookings/{id of room booking}">https://localhost:8080/api/rooms/bookings/{id of room booking}</a>
Returns	A single Room or null (Room not found)

## POST

Function	Create a new Room Booking
URL Params	None
Body	Room_Booking object
Route	<a href="https://localhost:8080/api/rooms/book">https://localhost:8080/api/rooms/book</a>
Returns	Room_Booking if Successful, null if not

# Activity\_Booking

## GET

Function	Get activity booking by activity_booking_id
URL Params	{activity_booking_id}
Body	None
Route	https://localhost:8080/api/activities/bookings/{activity_booking_id}
Returns	A single activity or null

Function	Get activity bookings by user id
URL Params	{id of user}
Body	None
Route	https://localhost:8080/api/activities/bookings/user/{id of user}
Returns	List of activities

Function	Get activity a list of activity bookings by activity id
URL Params	{id of activity}
Body	None
Route	https://localhost:8080/api/activities/bookings/{id of activity}
Returns	List of activities

## POST

Function	Create a new Activity Booking Object
URL Params	None
Body	Activity Booking object
Route	https://localhost:8080/api/activities/book
Returns	Activity Booking if Successful, null if not

# User

## POST

Function	Login
URL Params	None
Body	Login User Request (Username and password) { username: "NLScotty" password: "ScottyBoy7!" }
Route	https://localhost:8080/api/login
Returns	Return ResponseEntity / Boolean

## PUT

Function	Regiser User
URL Params	None
Body	User Object
Route	https://localhost:8080/api/signup
Returns	Return ResponseEntity / Boolean