API Documentation for Booking and Management Service of JossBee

1.Path: /api/v1/booking/user/checkbooking

Body: {

     houseId: houseId,

     startDate: startDate,

     endDate: endDate,

    }

Type: Get

Description: Checks if the house with the **houseId** is booked for the duration between **startdate** and **endDate**

2.Path: /api/v1/profile/${userId}

Type: Get

Description: Returns the user with the **userId**.

3.Path: /api/v1/booking/owner/house/${houseId}

Type: Get

Description: Fetch the booking history of the house with the **houseId**. Show all the bookings made by jossbee users of the house. Also for the bookings that have a status **ONGOING** show a button "**CANCEL**" to cancel the booking by the house owner. Note that, there is an Enumeration called **Status** in the backend which has 3 types (**ONGOING, CANCELLED, COMPLETED**).

4.Path: /api/v1/booking/owner/delete/${bookingToCancel}

Type: Delete

Description: After house owner confirms to cancel an ongoing booking, this request is made and the booking is cancelled.

5.Path: /api/v1/booking/user/create

Type: Post

Body: {

      house: house,

      user: user,

      rentAmount: rentAmount,

      payment: {

       amount: rentAmount,

       paymentMethod: "credit card"

      },

      review: null,

      bookingDate: new Date().toISOString().split("T")[0],

      startDate: startDate,

      endDate: endDate,

      guests: numGuests,

      status: 0

   }

Description: Creates a booking for the user and the response is caught after the request is made. If the status code is 200 a booking successful modal is shown to the user. Otherwise an error modal is shown. Note that no user can book a house without being logged in.

6.Path: /api/v1/house

Type: Get

Description: Fetches all the houses from the backend and shows to the user that can be booked.

7.Path: /api/v1/profile/${userId}/notifications

Type: Get

Description: Checks gets all the notifications of the user and each notification is shown with a **CANCEL** button by clicking which it can be deleted.

8.Path: /api/v1/profile/notifications/delete/${userId}/${notificationToDelete}

Type: Delete

Description: Deletes the notification with the id **notificationToDelete** of the user with the id **userId**.

9. Path: /api/v1/profile/${userId}/noNewNotification

Type: Post

Description: Clears the **newNotification** flag in the **User** class and the red colored symbol above the notification icon is gone.

10. Path: /api/v1/booking/user/delete/${bookingToCancel}

Type: Delete

Description: Deletes the booking the user booked with booking Id booking to cancel. Notifies the owner of the house also.