

Booking System End-user documentation

1. Introduction

The Booking Application allows users to manage bookings for a room. Users can add new bookings, view existing bookings, update booking details, and delete bookings. The application is built using React and communicates with a MySQL database using a REST API.

2. Start the app

Follow the readme in the GitHub Repository to start the app:

<https://github.com/SalamHH/bookingAppollo>

3. Add new booking

To add a new booking:

1. Click the "Book Room" button on the homepage.
2. Select the desired booking date using the calendar. Please note that weekend bookings (Saturday and Sunday) are not allowed.
3. Choose the start time and end time for the booking. The selected time range should be between 7 am and 5 pm and cannot be longer than 3 hours.
4. Click the "Add" button to save the booking. If the form is not valid or overlaps with an existing booking, an alert will be shown with the respective error message.
5. After successful addition, you will be redirected to the homepage showing the list of existing bookings for the selected date.

4. Update booking

To update an existing booking:

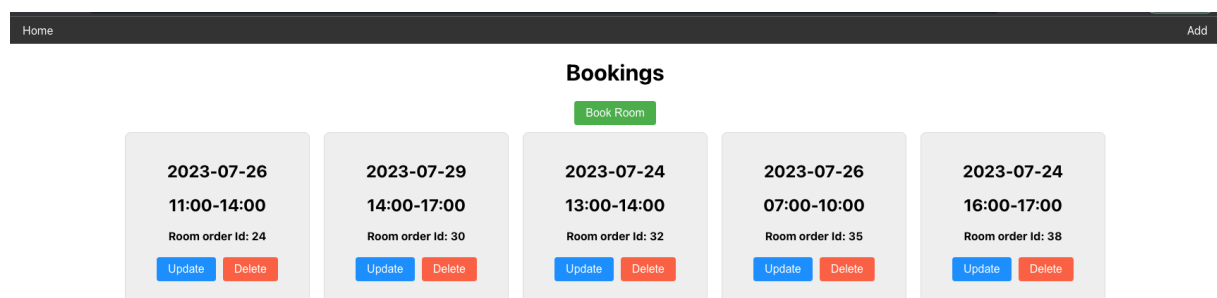
1. From the homepage, Click the blue "Update" button next to the booking you wish to update.
2. The page will redirect to the update form.
3. Make the necessary changes to the date, start time, or end time for the booking.
4. Click the "Add" button to save the updates. The same validation rules for adding a booking apply here as well.

5. After successful update, you will be redirected to the homepage showing the updated list of bookings.

5. Delete a booking

To delete an existing booking:

1. On the homepage, click the "Delete" button next to the booking you wish to remove.
2. Confirm the deletion when prompted.
3. The booking will be permanently removed from the database, and the updated list of bookings will be displayed on the homepage.



Screenshot1: homepage displaying the bookings.

The screenshot shows a form titled 'Add new booking'. It has two main sections. The first section, 'Select Date', has a date input field showing '07/24/2023' and a label 'Selected Date: 24.7.2023'. The second section, 'Select Time Range', has 'Start Time' and 'End Time' input fields. The 'Start Time' is set to '07 : 00' and the 'End Time' is set to '17 : 00'. Below these fields, it says 'Selected Time Range: 07:00-17:00' and a red error message 'Duration cannot be longer than 3 hours.' There is an 'Add' button below the error message. Below the form, there is a section titled 'current bookings for date' which shows a single booking for '24.7.2023' with a time range of '13:00-14:00'.

Screenshot2: page for adding bookings with the form and the current bookings on selected date.