

Capstone project

Hotel Room Booking System

Develop a hotel room booking system that includes the following features.

User Registration and Authentication:-

- * User should be able to register and login using email and password.
- * Implement password hashing for security.

Room Management:-

- * Admins should be able to add, edit and delete rooms.
- * Each room should have attributes.
- * Implement searching and filtering functionality for rooms.

Booking and Reservation:-

- * User should be able to book available rooms.
- * Implement ability to modify or cancel booking.
- * Checkout process should include entering guest details and payment information.
- * Order history and management
- * User should be able to view their booking history.
- * Admins should manage bookings, including changing status of bookings.

Reviews and Ratings:-

* users should be able to give reviews & ratings for the rooms.

forms:-

- ① user registration form
for creating account
- ② login form
for user to access the system
- ③ forgot password form
to reset password.
- ④ Room search form
used for booking a room including selecting room type, check in and check out dates
- ⑤ Room booking form
used for booking a room including selecting room type, check in and check out dates
- Guest information form
Collect information about guest (name, contact details.)
- Payment details form
for entering payment information (credit card bank details)
- Booking confirmation form
display booking details for review and confirmation.

- 9) cancellation form
allows user to cancel a booking
- 10) feedback form
guests provide feedback after their stay
- 11) amend booking form
for modifying booking details (date, roomtype)
- 12) Room availability form
for internal use by hotel staff to manage & view room availability.
- 13) check-in form
for guests to check in online before arriving at the hotel.
- 14) check-out form
for guests to check out and settle their bill
- 15) customer support request form
for guest to request support or report issues
- 16) invoice form
display bill breakdown for guest to stay
- 17) loyalty program registration form
allows guests to enroll in hotel's loyalty program.
- 18) special offers and discount forms
display and applies available promotions

19) room service request forms

guest request room service.

20) event booking forms : such as

for booking additional services like conference rooms, wedding halls etc.: oh yes

21 food booking form

to book food in : the hotel.

1) Login page form :-

Hotel Room Booking Login

| | | |
|----------------------|----------------------|--|
| username | password | |
| <input type="text"/> | <input type="text"/> | |
| | | |

Don't have an account?
Don't have a Account? Sign Up Here

2) user Registration: forgot password!

| | |
|-------------------------------------|--|
| Enter your email address | Enter New password |
| <input type="text"/> username | <input type="text"/> |
| <input type="text"/> Reset Password | <input type="text"/> Re-Enter New password |
| | <input type="text"/> Reset Password |

3) user Registration:-

| | |
|---|----------------------|
| First Name : | <input type="text"/> |
| Last Name : | <input type="text"/> |
| Phone No. : | <input type="text"/> |
| check-in password : | <input type="text"/> |
| check-out page : | <input type="text"/> |
| <input type="button" value="Register"/> | |

4) Room Booking form :-

| | | |
|------------------|----------------------|----------------------|
| Name :- | <input type="text"/> | <input type="text"/> |
| First Name | <input type="text"/> | Surname |
| Email | <input type="text"/> | Phone number |
| Arrival date | <input type="text"/> | <input type="text"/> |
| month | <input type="text"/> | day |
| year | <input type="text"/> | <input type="text"/> |
| Number of Nights | <input type="text"/> | Number of guests |

6) Hotel booking form:

| | | | |
|-----------------------|--|-------------------------------------|----------------------|
| Name : | <input type="text"/> | <input type="text"/> | |
| Email : | <input type="text"/> | First Name | username |
| ROOM TYPE : | <input type="button" value="Please select"/> | | |
| Number of Guests : | <input type="text"/> 0 A | | |
| Arrival date & time : | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Departure date : | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Free pick up : | <input type="radio"/> Yes | <input checked="" type="radio"/> No | |
| Flight number : | <input type="text"/> | | |

6. Guest Registration form:-

| | | | |
|---------------------------|----------------------|----------------------|----------------------|
| Name : | <input type="text"/> | <input type="text"/> | |
| E-mail : | <input type="text"/> | first name | surname |
| Passport or identity NO : | <input type="text"/> | | |
| Address : | <input type="text"/> | | |
| Nationality : | <input type="text"/> | Street Address | <input type="text"/> |
| Take photo : | <input type="text"/> | | |
| Type a question : | <input type="text"/> | | |

7. Booking confirmation :-

| | | |
|---------------------------|-----------------|-----------------------|
| Booking & Booking date | 0001 mmddyy | Your Business Name |
| Booking details | your country | |
| check in | midly | your street |
| check out | midly | |
| Room type | single | |
| Guests | 0 | |
| Booked by | | |
| Name | Guest Name | |
| conback | guest@gmail.com | |

8. Booking cancellation form :-

| | | |
|----------------------------|----------------------|----------------------|
| Name : | <input type="text"/> | <input type="text"/> |
| | first name | surname |
| Email : | <input type="text"/> | |
| pho no: | <input type="text"/> | |
| Booking Number: | <input type="text"/> | |
| Date of Booking: | <input type="text"/> | |
| Select or refund options : | <input type="text"/> | |
| Re fund details : | <input type="text"/> | |

a) Hotel feedback form:-

Guest Information

Full name :

Room Number :

Date of stay :

Feedback

Staff service Excellent Good Average Poor

Cleanliness Excellent Good Average Poor

Facilities Excellent Good Average Poor

Would you recommend our hotel? Yes No

Did you enjoy your dining experience? Yes No

Would you consider staying with us again? Yes No

b) Booking Amendment form:-

Name

First Name

Surname

Email

Phone No

Organization/Company Name

Event Name

Venue

Amendment Type

Amendment of dates

Amendment of offers

Amendment of venue

Amendment of participants

Other

1) Room availability form:-

Rooms Booked Today

0

Pending Rooms Today

0

Available Rooms Today

34

Available Rooms By Type

Apartment

4

Double Room

8

Family Room

8

Single Room

6

Studio

8

View calendar

Guests

staying tonight

0

Adults

0

Children

0

2) Check-in

Guest Information

Number

Rate Information

R. No

Rcard No

Date in

Last Name

Rate TYPE

First Name

No. of Days

Address

No. of Adults

Country

No. of children

Company

Business source

identification information

ID TYPE

ID Number

vehicle information

Vehicle

13) check out

Name :-

First Name

Customer Name

Last Name

Phone Number

Country

Region

Payment info

 credit card Bank Transfer POS Tuchi Pay Pal

Number of card

M

MM

YY

YY YY

Date

DD

14) Reservation form

Name

last name

Gmail

first name

Phone Number

Number of guest

Reservation date & time

15) Hotel Room service order form :-

Name :-

Contact Number

Email Address

Room Number

Order is for

01-31-2024

11:59

AM

Service Type

- Breakfast
- Snacks and cold drinks
- menu item 1
- menu item 2
- menu item 2
- menu item 4
- Room cleaning
- Repair
- Other

16) In voice

Bill To:-

Invoice No

Date

Phone

Name

LIMA

Street

123 Main Street

City, State

New York, NY

| Room | Room type | Night | Amount |
|------|-----------|-------|--------|
| | | | |

8) payment details.

cardholder Name : first name last name

card Number :

expiry date : MM XXXX DD

billing address :

city :

state :

postal code :

country :

save this card for future bookings:

18) Event booking form

Event name :-

Event type :-

Number of attendees:-

Event date:-

Event time:-

Duration :-

Room location:-

Special Request

Contact Information

19) logout form :-

Logout confirmation

Are you sure you want to log out?
[] Remember me on this device

cancel **logout**

Comments: [review 1]

- 1) Same details are asking Many time.
- 2) To go for next page an (Submit or Next) option may be kept in it.
- 3) If room images and room rating option is there it is easy to identify their wished type of rooms.
- 4) Personal details should be collected for Safety measures. (Aadhar Card photo....)
- 5) If any issues occurs an option like Contact us for chat/ call can be included to solve the Queries for the user.

Review 2 :

1. Many times asking the details for registration
2. In Form 0 enter the Email Address It is not then to fill
3. Just keep the Next Button, to go for next filling details (or) page
4. In Form 5 plz add mobile Number, If we need means next time we can call them
5. In Form 6 remove photo for safety purpose to them
6. Add room