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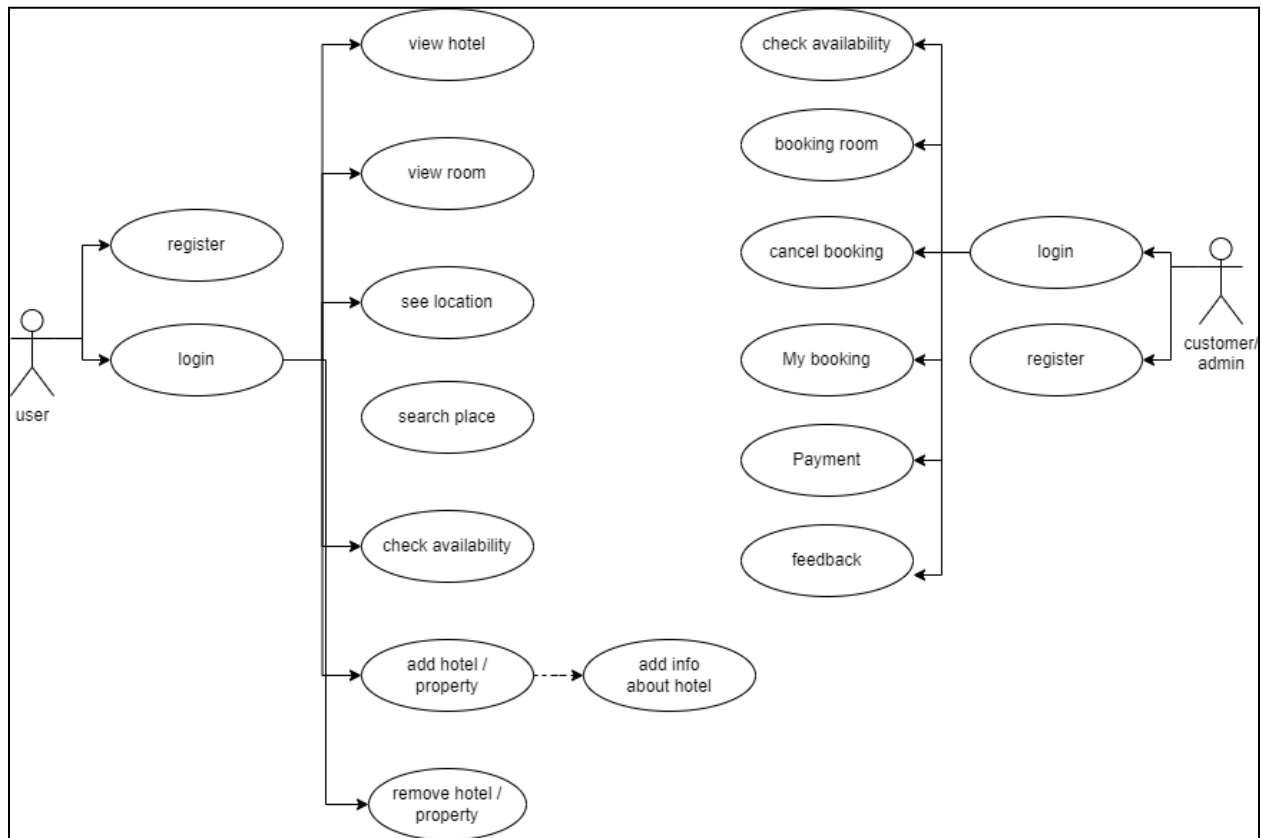
IT314 Project

Guesthouse booking system

Group - 16

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Use Case Diagram:



Use cases:

Use case	Apply Filter
Description	The system facilitates the customer to filter on the property like price and by Title.
Actors	Customer, The system
Pre Condition	The customer should have an active internet connection and he should give input in the filter bar.
Post Condition	The customer should be on the system page.
Flow	The customer will select the relevant filter options given below and then select apply filter.

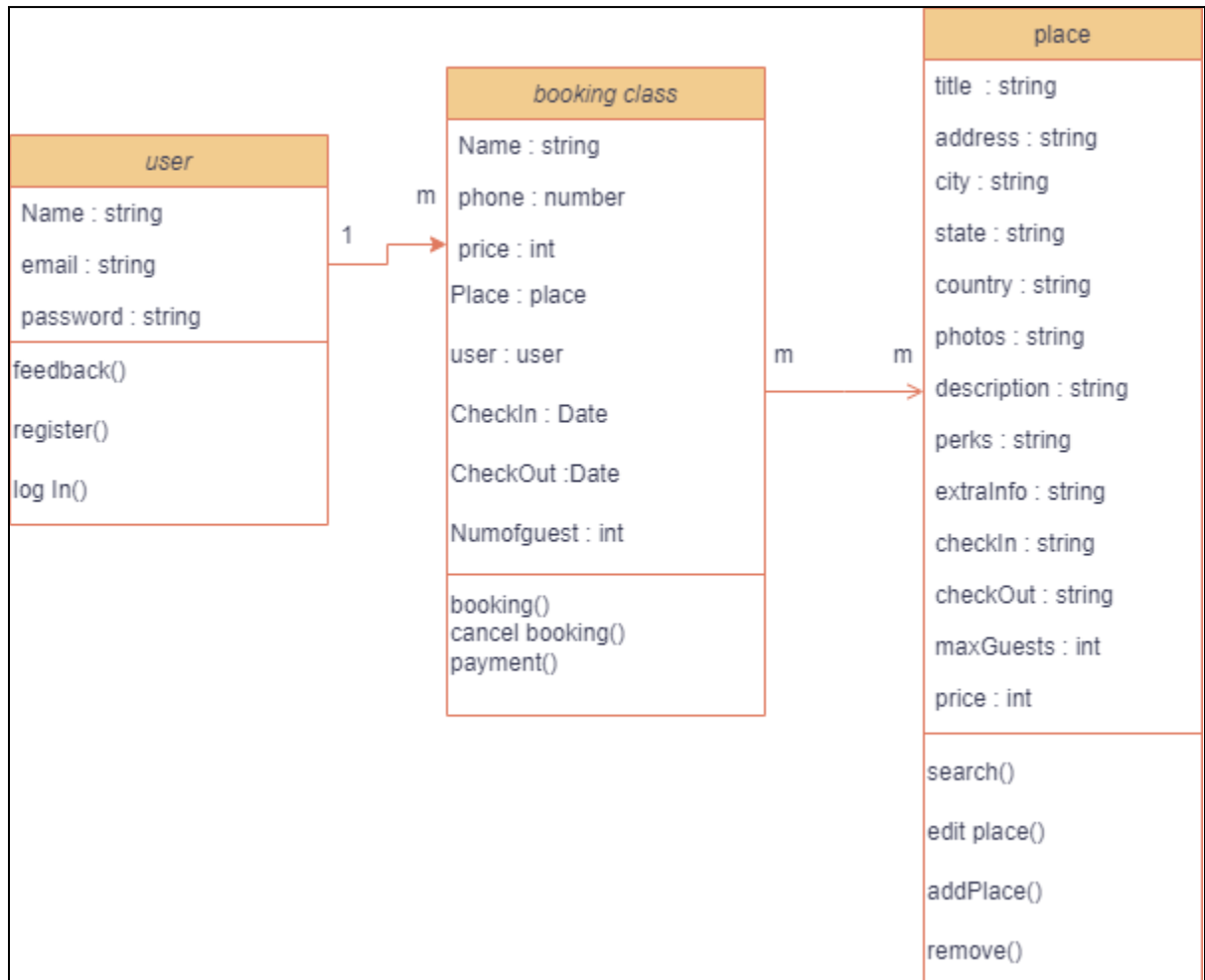
Use case	Get Feedback
Description	It is the feature that will prompt the customer to give their valuable feedback at the time of checkout.
Actors	Customer, The system
Pre Condition	The customer should be on the system page
Post Condition	The system will ask for feedback in case of checkout.
Flow	The customer will get an option for feedback after checkout in the hostel.

Use case	Add Hotel Profile
Description	Adding a hotel profile is a feature of a guesthouse Booking system that allows owners or managers to provide important information about their property.
Actors	User, Hotel Owner
Pre Condition	for adding a hotel profile user/owner should have be having a guesthouse Booking system account and all necessary information about the guesthouse
Post Condition	After adding a hotel profile, the guesthouse information is stored in the guesthouse Booking system, allowing customers to view and book the guesthouse online.
Flow	<ol style="list-style-type: none"> 1.Log into the guesthouse Booking system 2.Navigate to My accommodation in user profile. 3.Click on the add guesthouse button 3.Fill in the necessary information about the guesthouse 4.Save the profile.
Alternative Flow	<ol style="list-style-type: none"> 1.Log into the guesthouse Booking system 2.Navigate to My accommodation. 3.Encounter an error or missing information 4.Click on the accommodation which needs to be changed 5.Correct the error or provide the missing information 6.Save the profile

Use case	Cancellation
Description	Customers will be provided with the functionality to cancel the booking of rooms/reserve facilities.
Actors	Customer, System
Pre Condition	1.For cancellation a customer must login with the id with which he or she has booked a room. 2.Customers can cancel their booking a day before their booking date.
Post Condition	The system will remove your booking from the system .
Flow	1.Log into the guesthouse booking system. 2.Go to see my booking section 3.select the booking that he/she needs to cancel and click on cancel button if it follows cancellation policy of guesthouse.
Alternative Flow	If the customer fails to give correct login credentials then the system will prompt the customer with wrong credentials and ask to give correct credentials.

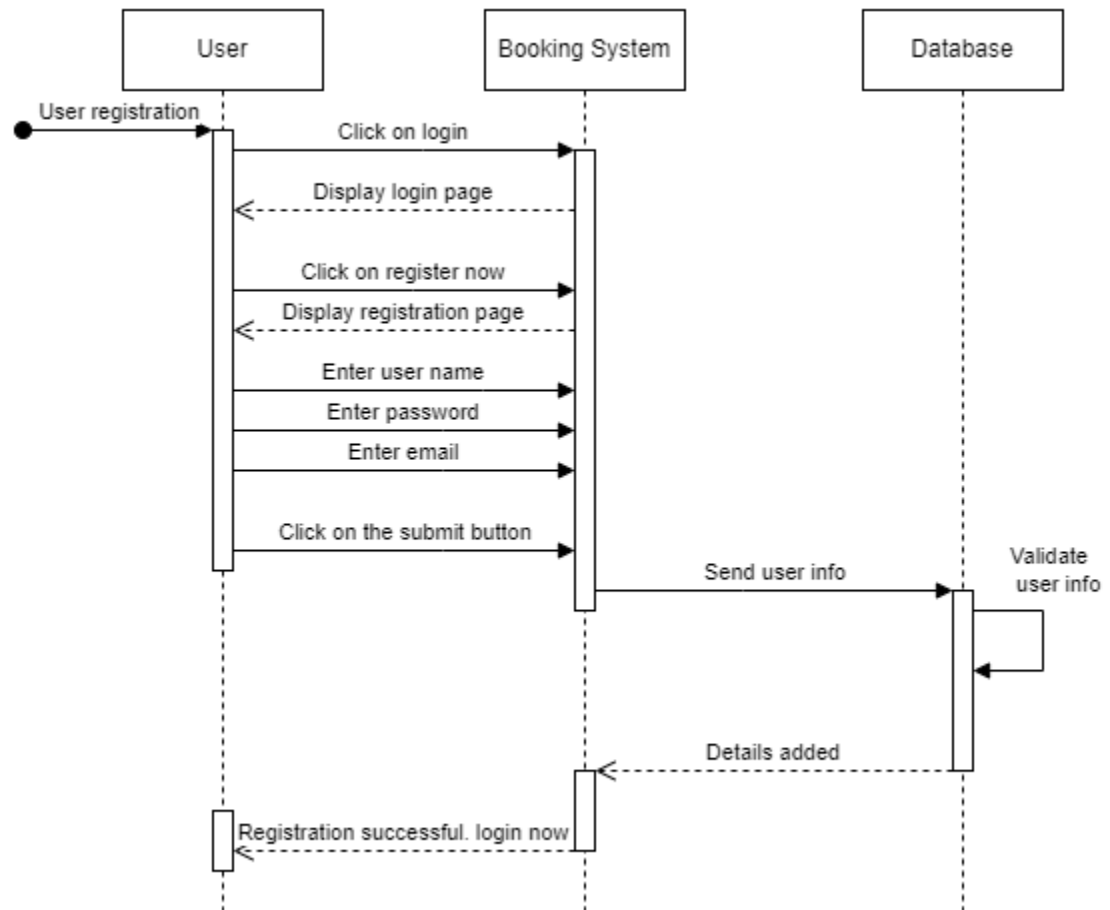
Use case	Make Payment
Description	The customer has to make the payment of their stay in the hotel. The bill is calculated according to their room type, number of days of their stay, and number of the guests.
Actors	Customer, System
Pre Condition	1.The customer has selected a specific guest house or room to book and has proceeded to the checkout page. 2.The customer has selected a payment method and has entered the necessary payment information, such as credit card or bank account details. 3.The guesthouse Booking system has successfully connected with the selected payment gateway to process the payment.
Post Condition	1.The payment has been successfully processed, and the customer has received a payment confirmation. 2.The guest house reservation has been confirmed and added to the guest house Booking system. 3.The customer can access the reservation details and confirmation information in the Booking section of system.
Flow	1. Customer click on the book button. 2. Ask for card details. 3. To confirm payment click on the pay button.

Class diagram

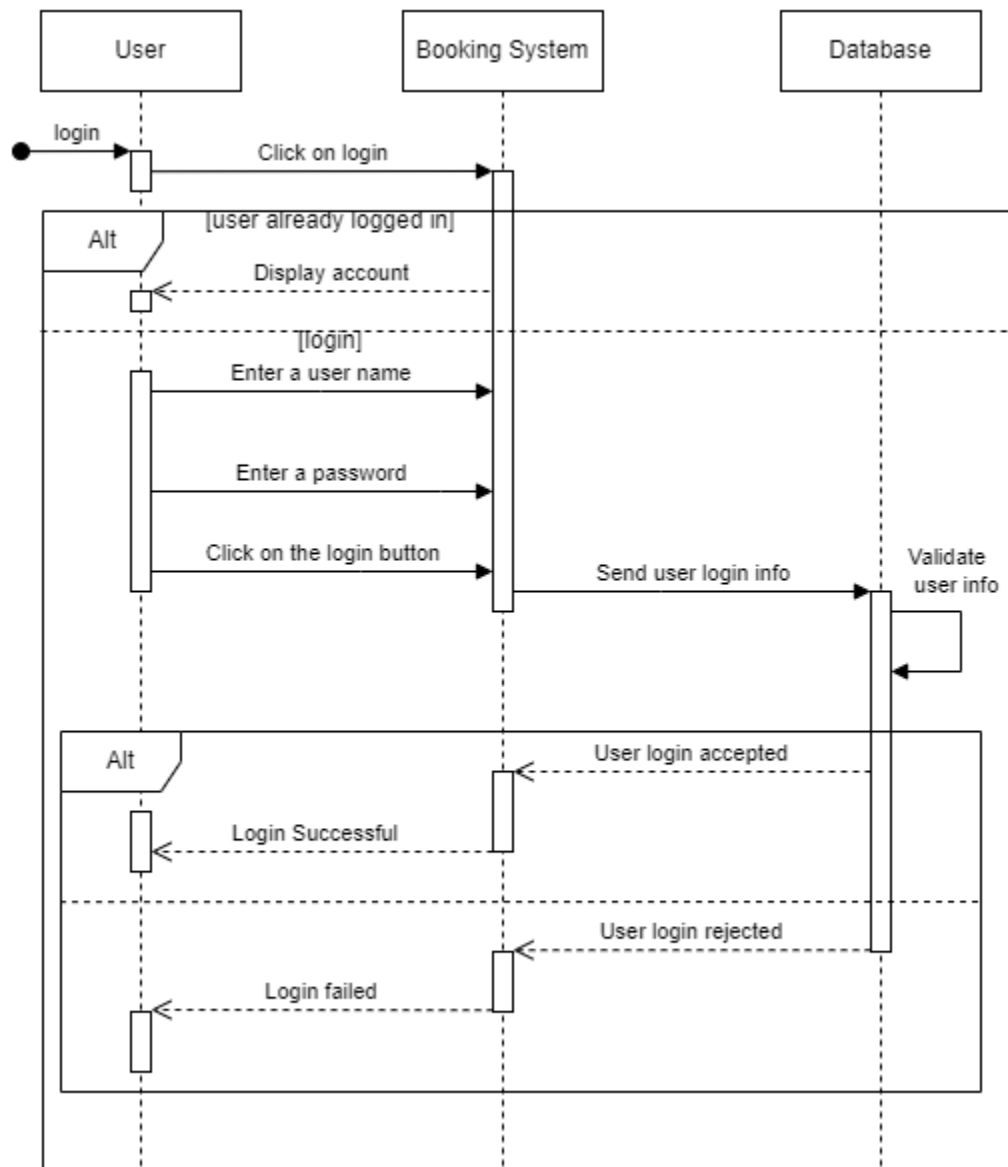


Sequence diagram

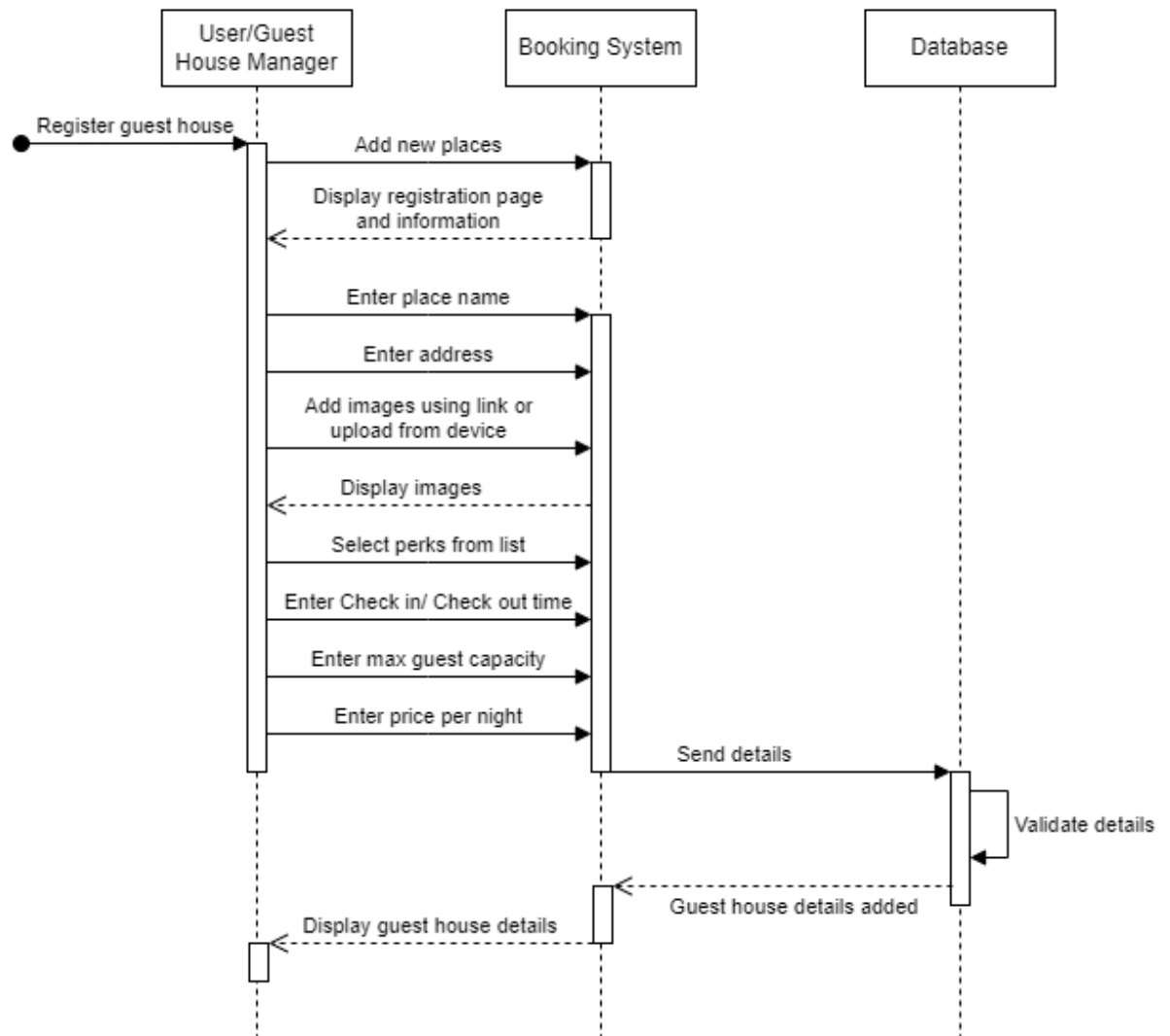
- User registration



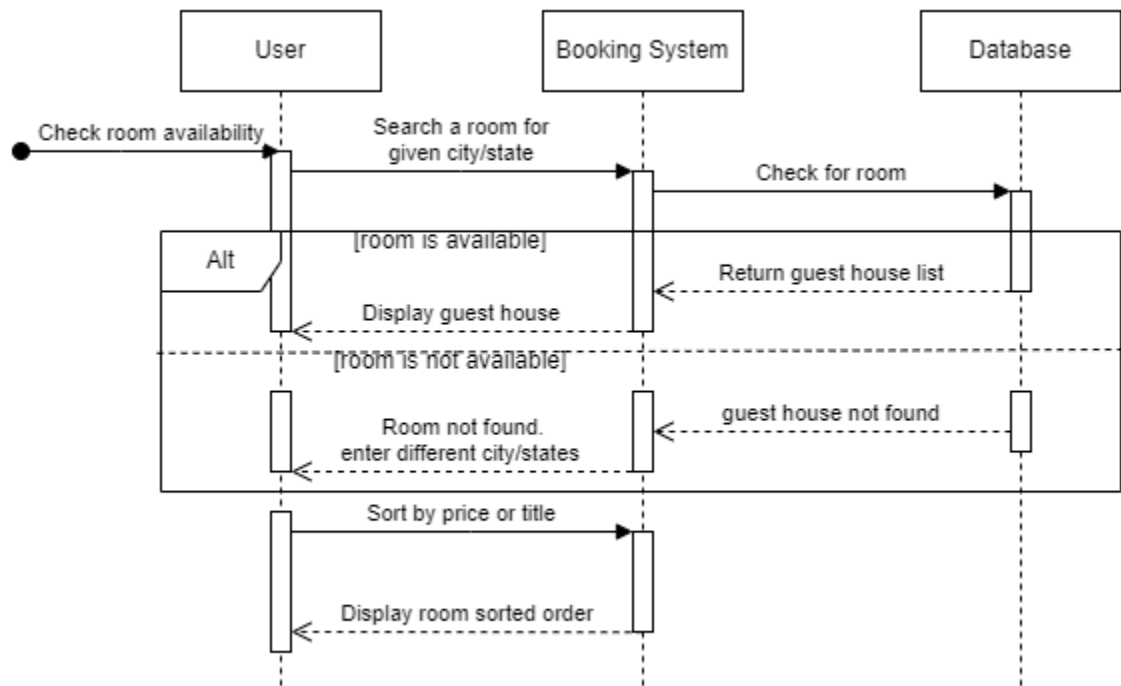
- User login



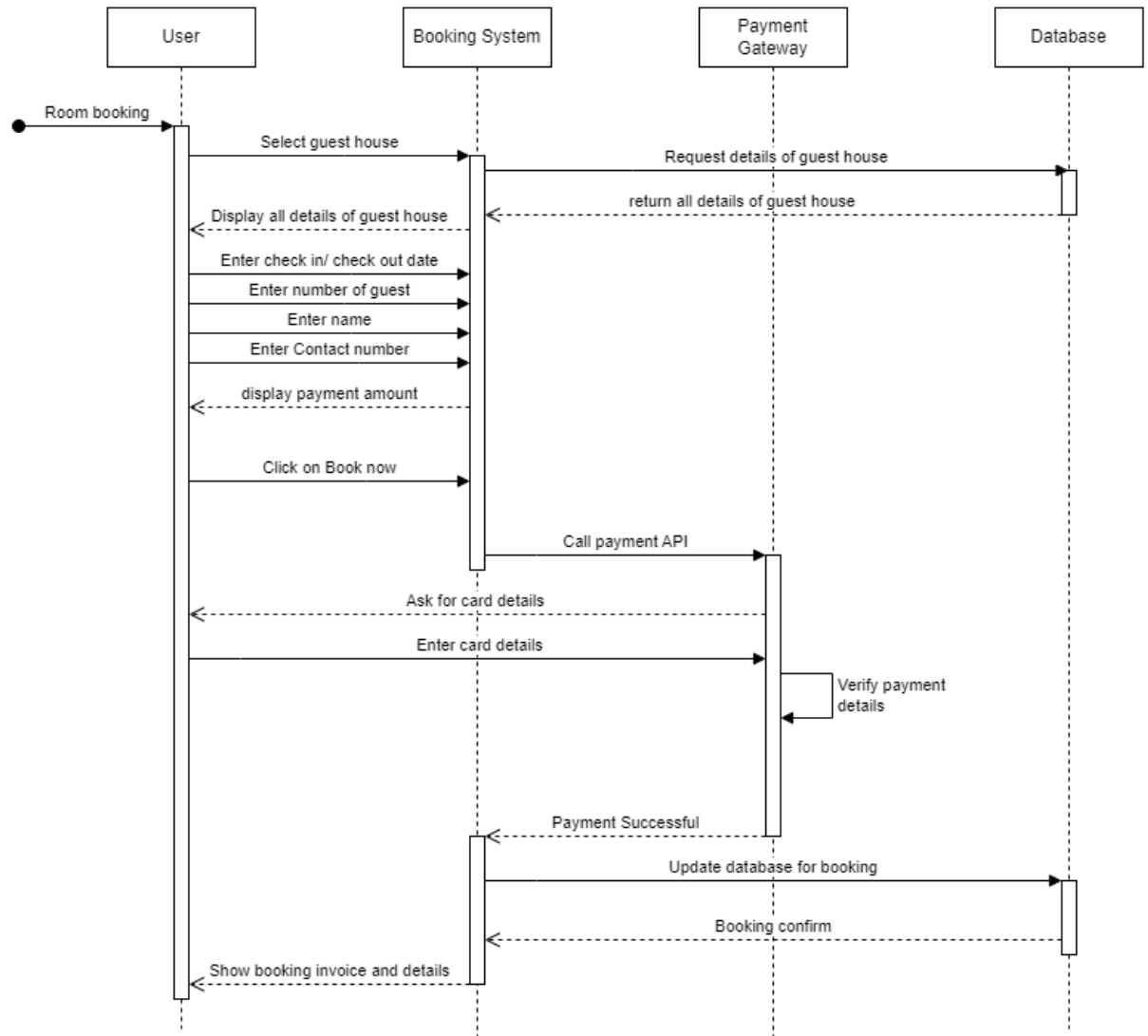
- Guest house registration



- Check availability



- Guest house booking



- Submit Feedback

