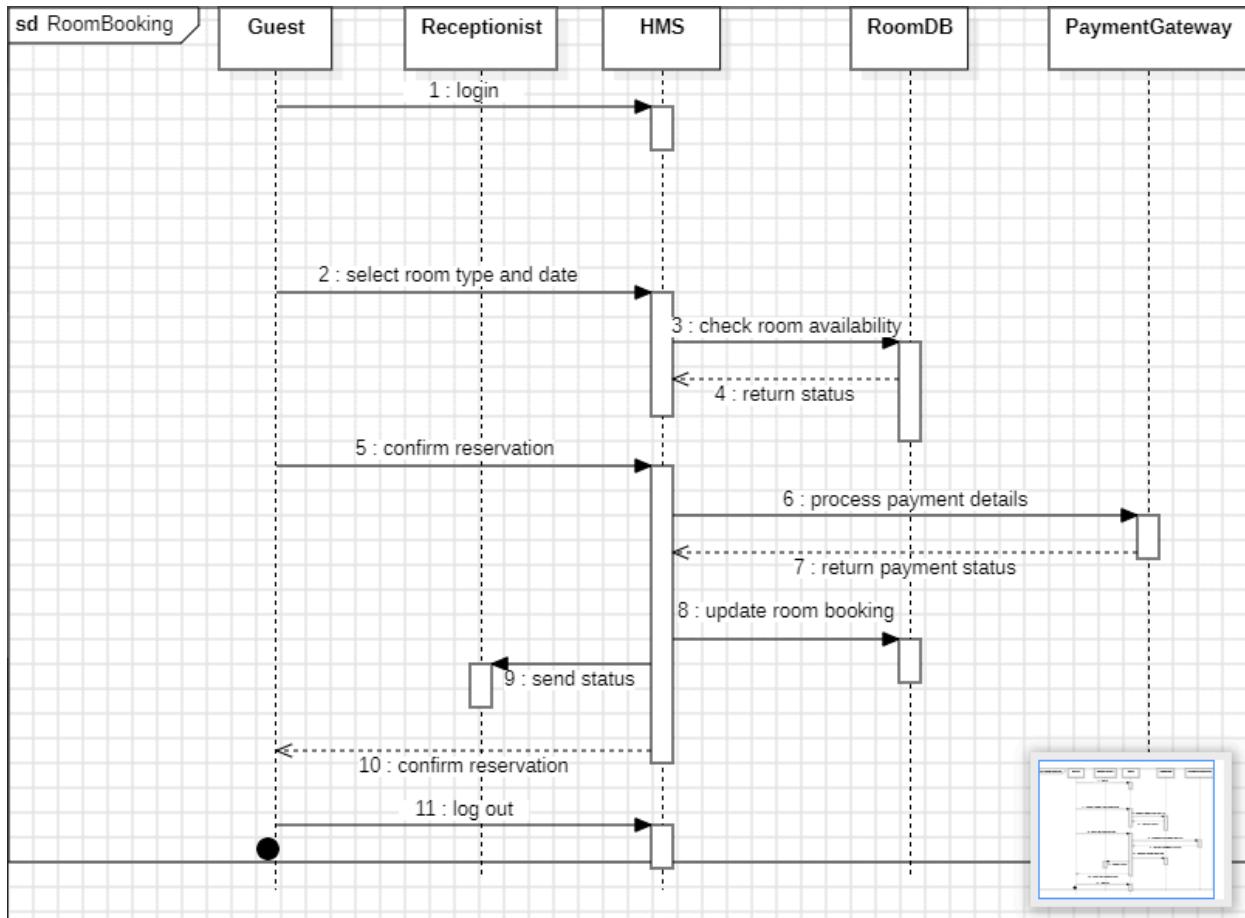
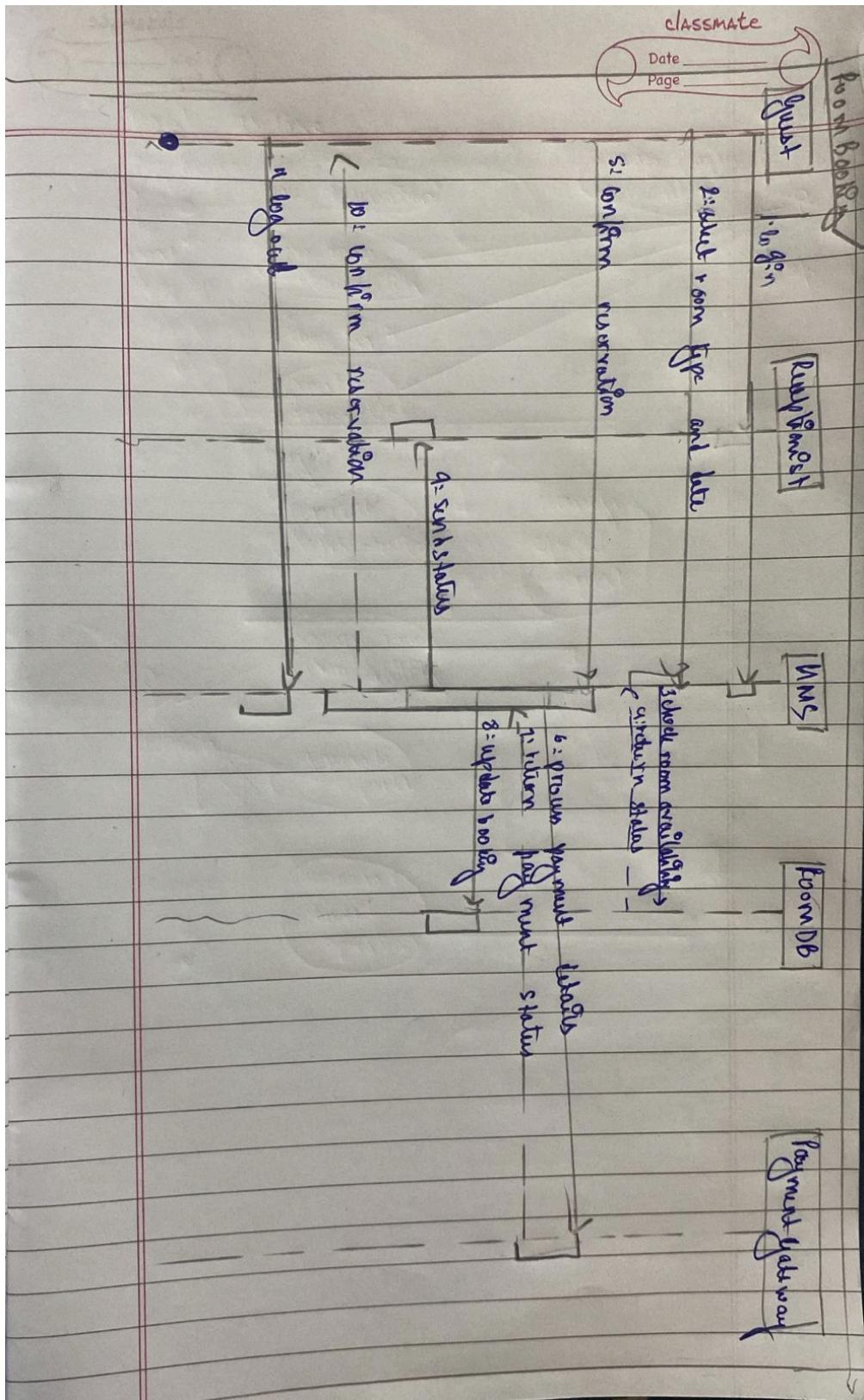


Sequence Diagram:both simple and advanced

Scenario used:

1. Guest logs into the hotel reservation system.
2. Guest selects room type and dates.
3. System verifies room availability in the Room Database.
4. System displays room availability status to the Guest.
5. Guest confirms the reservation details.
6. System verifies payment details.
7. System processes payment through the Payment Gateway.
8. Payment Gateway confirms payment status.
9. System updates the Room Database with the new reservation.
10. System notifies the Receptionist of the successful booking.
11. System displays booking confirmation to the Guest.
12. Guest logs out of the system.





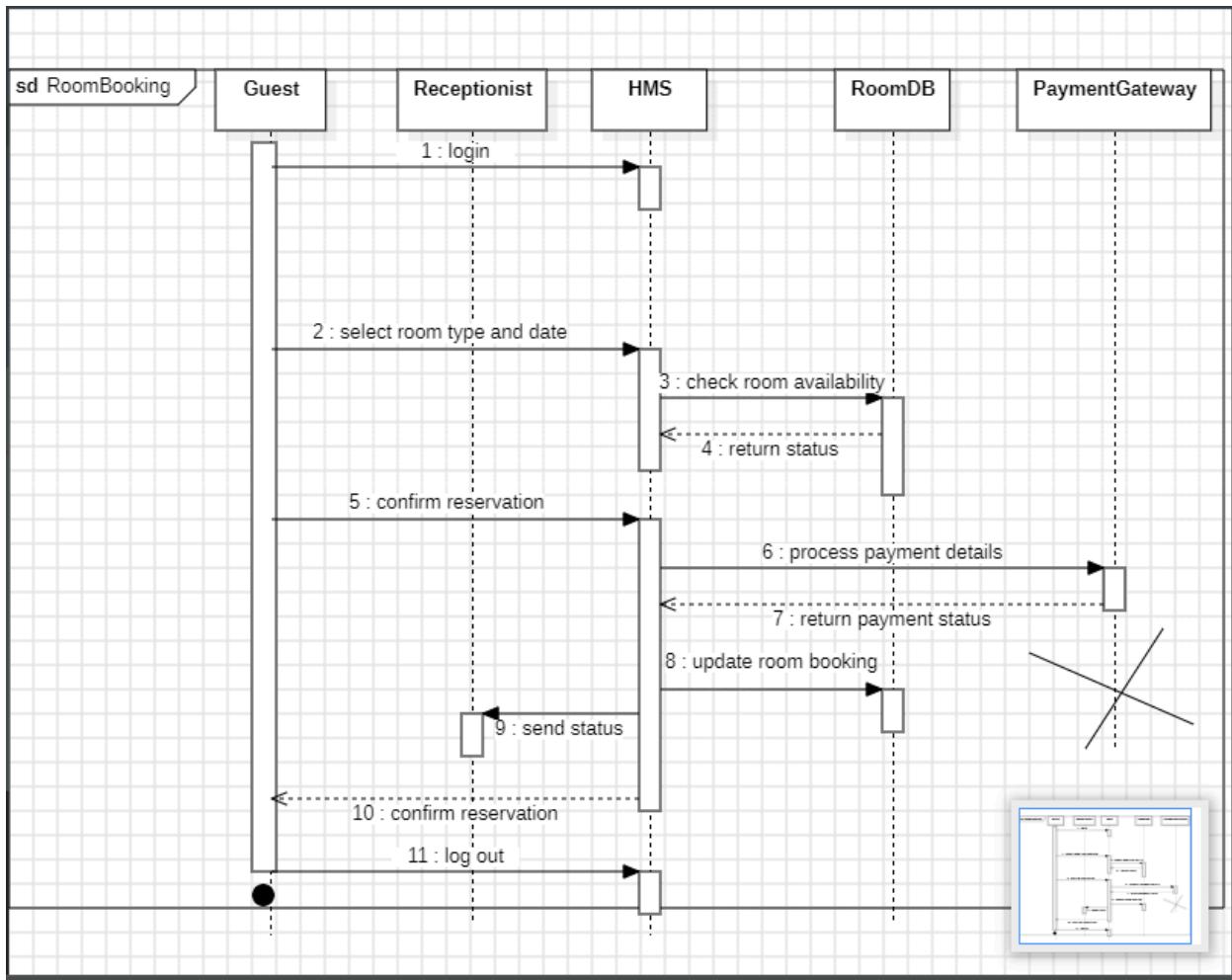


Figure 1.6.3 Advanced Sequence Model

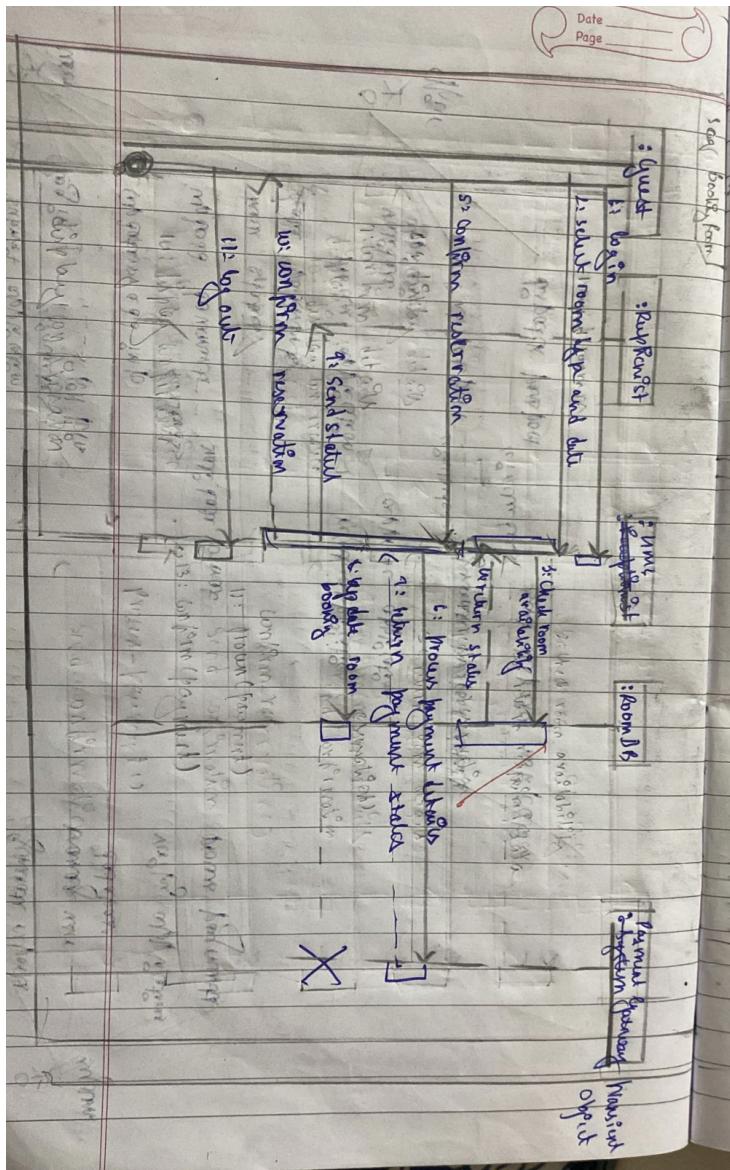


Figure 1.6.4 Advanced Sequence Model Observation