

# EXPERIMENT-6

## HOTEL MANAGEMENT SYSTEM

### Identifying Use Cases

#### Identified Use Cases:

Use Case	Description
<b>Login</b>	Allows users (Customer, Receptionist, Manager) to securely access the system.
<b>Registration</b>	Enables new customers to sign up and create an account.
<b>Booking</b>	Customers can book rooms by providing check-in/check-out dates and room type.
<b>Process Payment</b>	Integrates with the Payment Gateway to complete booking transactions.
<b>Modify Booking</b>	Allows users to make changes to an existing booking.
<b>Booking Cancellation</b>	Users can cancel previously made bookings.
<b>View Booking History</b>	Displays the list and status of all past and current bookings.
<b>Manage Rooms</b>	Manager can add, update, or remove room details such as type, price, and status.
<b>Manage Staff</b>	Manager can add, edit, or remove staff details.
<b>Customer Check-in</b>	Receptionist handles customer check-in at the hotel.
<b>Customer Check-out</b>	Receptionist handles customer check-out and completes the stay process.

#### Actors involved:

Actor	Associated Use Cases
<b>Customer</b>	Registration, Login, Booking, Process Payment, Modify Booking, Booking Cancellation, View Booking History
<b>Receptionist</b>	Login, Customer Check-in, Customer Check-out
<b>Manager</b>	Login, Manage Staff, Manage Rooms
<b>Payment Gateway</b>	Process Payment (as an external system interaction)
<b>Database</b>	Registration, Login, Booking, Modify Booking, Booking Cancellation, View Booking History

## Use Case Diagram:

