

HOTEL ROOM BOOKING SYSTEM

Hotel Room booking –

System should have a list of Rooms , categorized as single, double , suite , Convention halls, ball rooms. Each category then divided into the respective room no. Each room with a per day pricing rate. System should also be able to store customer details , pre books rooms against customer names and also be able to view the occupied/ unoccupied rooms. While pre booking rooms, the following details should be accepted along with customer details- booking id, date of booking, date of occupancy, no. of days of occupancy , advance received. In case of convention halls and Ball rooms, occupancy rates should be hourly. Rates should also include, tax, housekeeping charges and any other misc. fixed charges you can think of.

Booking id should be auto generated (5 digits with first two characters string and integers)

TASK TO ACHIEVE:

1. Display the Category wise list of rooms and their Rate per day
2. List of all rooms which are occupied for next two days
3. Display the list of all rooms in Their increasing order of rate per day
4. Search Rooms based on BookingID and display the customer details.
5. Display rooms which are not booked.
6. Update room when the customer lefts to Unoccupied.
7. Store all records in file and display from file.
8. implement Exception Handling and **validation** to create a bug free project.

Evaluation criteria:

- Menu-Driven Console Application
- Code readability
- Coverage of the mentioned requirements
- Naming conventions of classes, methods and variables
- Implement OOPS concepts in your Application.