

ABSTRACT OF THE PROJECT

Mini Hotel Management

Java Project

The Mini Hotel Management System is a compact Java-based project that focuses on providing users with a simplified platform for room booking in a particular hotel while providing hotel management with the ability to view and manage customer bookings. Users can browse available rooms, access detailed information such as room types, prices, and room capacities and make online booking based on their preferences and desired dates. The customer is given a passcode on booking. On verification of passcode with the management the room number is issued to the customer.

WORKFLOW

Navigation:-A switch case is allotted to navigate from user side to management side.

- *Hotel Management have 2 functionalities:-*

1. To Add the rooms
2. View the rooms and its details

- *Users(customer) have 3 functionalities :-*

1. To book a room
2. To check a the allotted passcode
3. Verification of passcode to get the room number with the management

Management :-When user chooses management

1. To Add the rooms:

The hotel management is allowed to enter all the room details like *Room number, Availability of Ac , Room size , Cost of room , with intial check in and check out details empty.* No two rooms are allowed to have same room numbers.

- 2.View the room details:

The management can see the booking that are completed and passcode customer name allotted to a particular room.

User :-

- 1 .To book rooms:

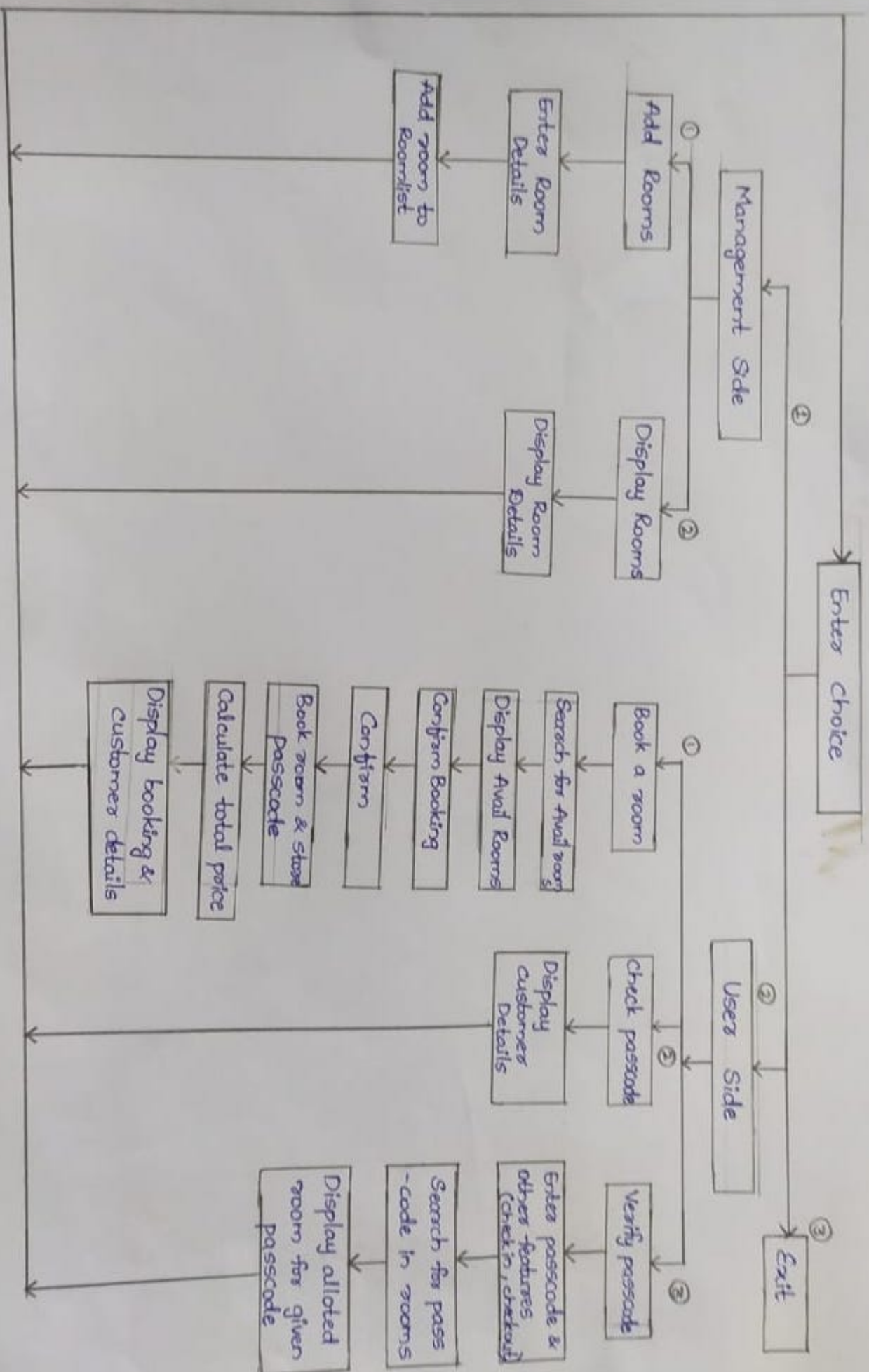
The user enters with his/her name,mobile number and total number of people. The price of all the types of rooms are displayed to them prior so that are free to choose any .Then asked for requirement of ac .Based on requirement of ac and availability during the mention check in date along with checkin time and checkout date along with checkout time the avail number of rooms for a particular sized room is shown . The user can book rooms only based on the number of total people ie large number of people cannot choose a small sized room and one person can book any number room.On confirmation of room booking the customer is allotted a separate passcode for each booking that is done.

2. To check a the allotted passcode :

Incase if the user forgets this passcode he can enter his mobile number to view All the passcodes allotted to him

3 . Verification of passcode to get the room number with the management :

Once the customer enter into hotel to checkin , he asked for passcode and other details on correct credentials ,issued a room number.



CLASS DIAGRAM

