HOTEL BOOKING MANAGEMENT PROJECT

Ghulam Murtaza

INTRODUCTION

Elite Hotel Management Project in Java is designed which can be used to manage activities

- ➤ Storing Customer Details
- ➤ Searching Customer Details
- ➤ Upgrade and delete details
- ➤ Booking and upgrading room
- ➤ Ordering Food for Particular Room
- ➤ Check out for customer and showing bill

INTRODUCTION

- It can also be used to see different room features and room availability.

- It is a menu driven program and it runs until the user exits.

- User defined exception is thrown if the user tries to book an already allotted room. Exception handling is properly done to deal with any kind of unexpected exception.

ROOM TYPES

1. Luxury Double Room
2. Deluxe Double Room
3. Luxury Single Room
4. Deluxe Single Room

You are Free to add or remove items in the list.

FOOD MENU

1. Sandwich .150 SEK
2. Pasta Rs.   160 SEk
3. Noodles   170 SEK
4 Drink   30 SEK

   You are Free to add or remove items in the menu.

TOPIC COVERED

- Classes, Interface
- Collections
- Exceptions
- Lambda
- Stream
- Generics
- File Handling

INTRODUCTION

This project is divided into two parts

➤ First Part is to build a structure.

➤ Second part is to save data on file or database and read from it and finish the project to present it.

GROUP WORK

☐ You can work in a group of maximum three students.

UI

- You are free to choose UI for System
- One recomendations is given in next Slides

UI FOR CUSTOMER VIEW

Enter your choice :

1. Display room details
2. Display room availability
3. Book
4. Order food
5. Checkout
6. Exit

☐ 1

Choose room type :
1. Luxury Double Room
2. Deluxe Double Room
3. Luxury Single Room
4. Deluxe Single Room

☐ 1

Number of double beds : 1

AC : Yes

Free breakfast : Yes

Charge per day:4000

Continue : (y/n)

➤ y

Enter your choice :

1. Display room details

2. Display room availability

3. Book

4. Order food

5. Checkout

6. Exit

➢ 2

Choose room type :

1. Luxury Double Room

2. Deluxe Double Room

3. Luxury Single Room

4. Deluxe Single Room

4

Number of rooms available : 20

Continue : (y/n)

➢ y

Enter your choice :

1. Display room details

2. Display room availability

3. Book

4. Order food

5. Checkout

6. Exit

➢ 3

Choose room type :

1. Luxury Double Room

2. Deluxe Double Room

3. Luxury Single Room

4. Deluxe Single Room

➢ 1

Choose room number from :

1,2,3,4,5,6,7,8,9,10,

Enter room number: 9

Enter customer name: Ghulam Murtaza

Enter contact number: 120 411 8730

RECEPTIONIST VIEW

Enter your choice :

1. Storing Customer Details
2. Searching Customer Details
3. Upgrade and delete details
4. Booking or upgrading room
5. Ordering Food for Particular Room
6. Check out for customer and showing bill

GRADE CRITERIA

For "G" You have to cover minimum objektive for course.

- Classes

- Collections or Arrays

- Exceptions

- Java 8 features (Lambda, Stream, Method Reference)

- Next Level I/O hantering with Files or database.

GRADE CRITERIA

- For "VG" You have to cover some extra topics like generic methods or generic classes.

- Some Extra feature to make your user interface secure and maintainable like save customer data in both file and database.

DEADLINE

- First Presentation   08 Feb 2021

- Second Presentation 09 Feb 2021

- Late Submission only Get "G" and dedline for late submission will follow soon.

HOW TO SUBMIT?

- You have to present your code on teams

- Two chances to present.

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