EXPERIENTIAL learning factory

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Hotel Billing Application Development

ELF / HTD Training Programs

Java Full Stack - Use Cases

TESTYANTRA Software Solutions

App Development Assessment Overview

As part of this assessment you need to develop a console based application i.e. application which will not have any GUI but has a main method which takes input from console, which simulates "Hotel Billing Application". As part of this assessment you need to use

- MySQL DB to store the Data
- Core Java to develop Console Based application
- JDBC & SQL to perform CURD operation on Data

App Development - Assessment Description

1. Create a Database by name "Hotel_DB"
2. Create a Table by name "Hotel_Bill" with the following structure

Item_Code	Int (Primary Key)
Food_Name	VarChar(50)
Price	Double

3. Create a Java Program (let's call this as an application henceforth) which has main method which prints the following options
- Press 1 to show all food items
- Press 2 to take order from customers
- Press 3 to operate on food items
- Press 4 to total bill of the day

If user press 1 then it will show all the food item with item code and price

e.g	Item Code	Item Name	Price
	101	Dosa	30

If user press 2 then start taking the input from the user, the user must enter item code. Once the customer ordered all the items then user must "Press 0" to end the order. Once the order ended generate the bill for the same.

If user press 3 then print the following options

- Press A to add food item
- Press B to remove food item
- Press C to modify food item

If user press 1, then application should print following options

Option A, then Application should collect all the info & insert that data into a Hotel to repository
Option B, then Application should collect all the info & edit a particular food item
Option B, then Application should collect "food info" & delete that food item from DB