Comp603 Assignment 2 repot

Group 19

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The project is about a Hotel Booking System, I have

A HotelBookingSystem class which contains the main method.

A DBManager class for building the connection to DataBase and process the tasks that required with database.

A HomePage class extends the JFrame that will pop up a JFrame and have different button on it,user can choose what they want to do on it.

A Book class extends the JFrame,when user choose (make a booking) in HomePage,it will create a Book JFrame, in the Book class,will ask user’s basic information(name and phone)and which type of the room they want, and shows the information of different rooms.

A DatePicker class extends the JFrame, when user confirm their information and room type on Book class, it will create a DatePicker class,in the DatePicker class, will ask user the check in date and check out date,and do the validation check. After check,if user confirm their date will process to next class.

A PriceCalculator class extends the JFrame, when user confirm the date, the DatePicker class will create a PriceCalculator class, the PriceCalculator will calculate the final cost and display it on the TextArea, if user confirm everything,it will make a booking and pass in all the information the system collection.

A Booking class,which will create a Room object and process the booking using the information.

A Facilities class extends the JFrame,when user choose(Facilities) in HomePage,it will create a Facilities JFrame, in this class, the user can check all the Facilities provided by clicking different buttons on it.

A CancelBooking class extends the JFrame,when user choose(Cancel your booking) in HomePage, it will create a CancelBooking JFram. And will be abel to check the bookings by entering the name and phone, and will ask if the user want to cancel the booking.

A CheckBooking class extends the JFrame,when user choose(Check my booking) in HomePage, it will create a CheckBooking JFrame. And will be able to check the booking details by entering the name and phone.

And I have 4 Room classes from the Assignment 1

A Room class as a abstract class as parent class contains some basic parameter of the room

A SingleRoom class extends the Room class and override some methods

A DoubleRoom class extends the Room class and override some methods

A DeluxeRoom class extends the Room class and override some methods

All the Frame can go back to the homepage or last page with no issue, and user can quit at any step.