Hotel Managestment System.

02.09.

User
- userId : int
- username : String
- password : String
- email : String

register()
login()
logout()

Staff
- staff ID : int
- name : String
- password
- works
- manages()

Receptionist
- employeeId : int
- name : String

- process(CheckIn)()
- process CheckOut()
- manageBooking()

Guest
- guestId : int
- Contact : String

manage profile.

Admin
- admin Id : int

GenerateReport()
manageUser()
manageRooms()

Hotel
- hotelId : int
- name : String
- location : String

getAvailableRooms()
addRoom()

Reservation
- reservationId : int
- checkInDate : Date
- checkOutDate : Date
- Status : String

bookRoom()
modifyReservation()
cancelReservation

Report
- reportId : int
- type : String
- date Range : String
- generatedOn : Date.

generateReport()
exportPDF

Room
- roomId : int
- type : String
- price : double
- status : String

addRoom()
updateRoom()
delete Room()

Payment
- paymentId : int
- amount : Double
- mode : String
- date : Date.

processpayment()
generateReceipt()

Notification
- notificationId : int
- type : String
- message : String
- recipient : String

sendEmail()
sendSMS()

manages
manages
makes
generates
booked
contains
paid
triggers