

## System

- CustomerInfo: Customer = null
- Hotelownerinfo: HotelOwner = null
- hotelList: booking = null
- CreateEntry: Entry = null
- Hotelname : string = null

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- setCustomerInfo()
- verifyCustomerInfo()
- + addCustomerInfoToDatabase()
- setHotelownerinfo()
- verifyHotelownerinfo()
- + addHotelListToDatabase()
- Checkhotelroomsavailability()
- + getpayment()
- updateHotelList()
- updatecustomerbooking()
- updateHotelBookingHistory()
- + getHotelBookingList() : Booking
- + publishEntry()
- + addEntryInfoToDatabase()
- + getHotelComperison(bk\_1:Booking,bk\_2:booking)
- + getTopBookedHotelList(): Booking
- + ShowOverviewInfo()
- + SearchHotel(): Booking
- + sentbookingRequestToHotelOwner()

## Customer

- + customer\_name: String = null
- + customer\_Pass: string = null
- + customer\_mail: string =null
- + customer\_Address: string=null
- customer\_userId: string = null

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- fillupForm()
- + getRegistrationInfo(): Customer
- + makepayment()
- + submitRequestedBooking(): Booking
- + getbookingInfo()
- + getbookingPayInfo()
- setSearchHotelname()
- + getSearchHotelname(): string
- + getSearchHotelList(p\_list Hotels)

## Restaurant/HotelOwner

- OwnerName: string = null
- OwnerMail: string = null
- OwnerAddress: string = null
- Ownerphonenum: string= null (max 11 digit)
- hotelName: string = null
- hotelAddress: string = null
- hotelranking: string = null
- bookingInfo: Booking = null
- topBookedhotelRooms: Booking = null
- requestedBooking: Booking = null

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- fillupForm()
- + getOwnerRegistrationInfo(): HotelOwner
- submitHotelBookingInfo()
- + getHotelName()
- + getHotelAddress()
- + getHotelCatagory()
- + getTopBookedHotels (Booking : Booking)
- + getTopBookedHotelrooms()
- + createNewEntry() : Entry
- + givepromotionalfee()
- addHotels()
- + getHotelList() : Booking
- + setrequestedBooking()(br\_list:Booking)