Objects:

* Room

Attributes:

* + Room ID
  + Type
  + Price
  + Capacity
  + Facilities

Methods

* addRoom()
* removeRoom()
* Guest

Attributes:

* + Guest ID
  + First name
  + Last name
  + Date join
  + VIP start date
  + VIP expiry date

Methods

* addGuest()
* removeGuest()
* Bookings

Attributes:

* + Booking ID
  + Guest ID
  + Room ID
  + Booking date
  + Check in date
  + Check out date
  + Total amount

Methods

* addBooking()
* checkOut()
* cancelBooking()
* displayGuestInfo()
* displayBookingInfo()
* checkAvailability()
* Payments

Attributes:

* Payment Date
* Guest ID
* Amount
* Pay Reason

Methods

* displayPayments()