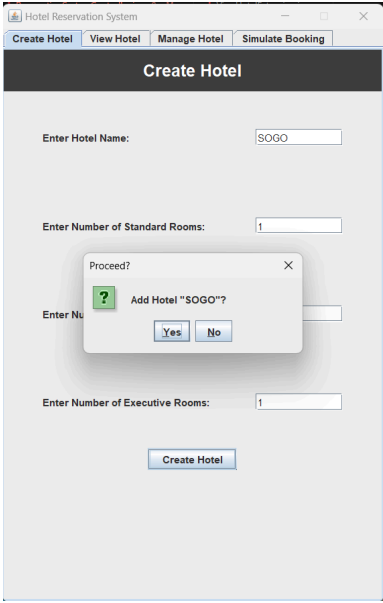
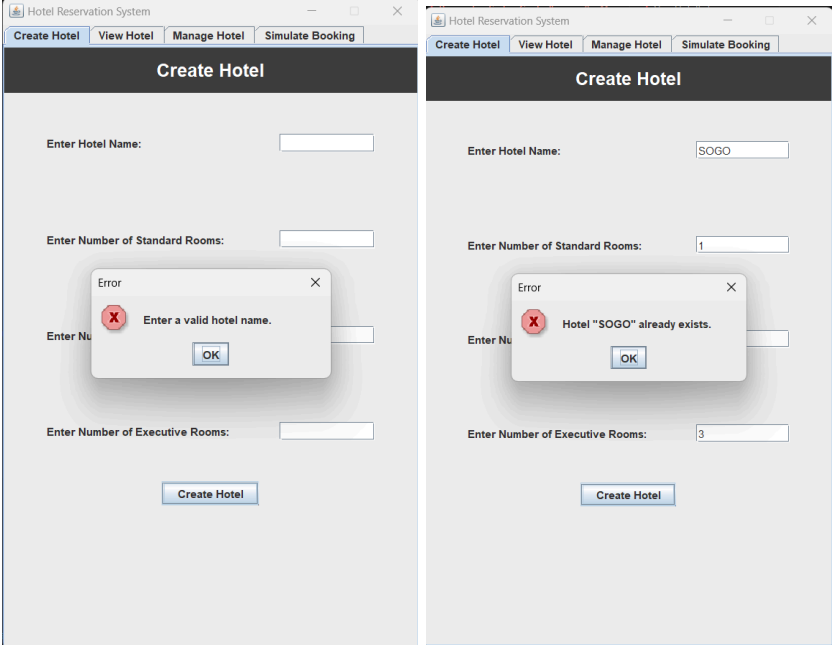
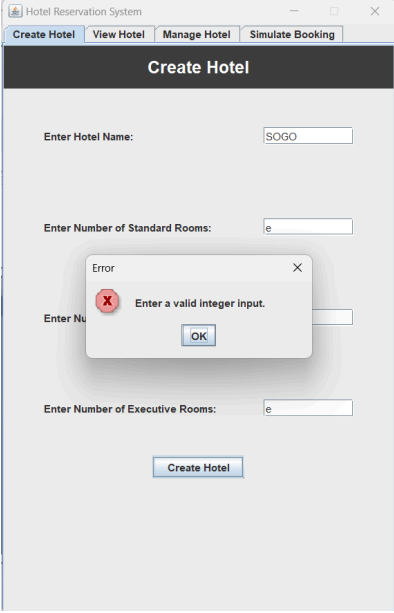
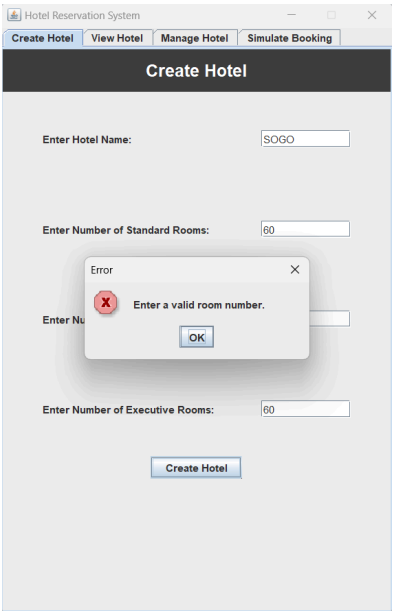
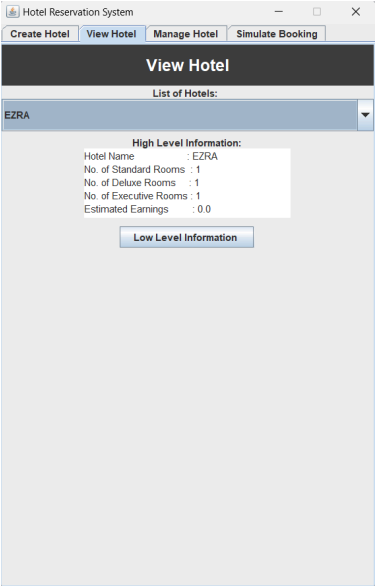


Group Members: Burayag, Ethan Axl S. - Del Rosario, Ezra Jeonadab G.
Group #: 4

MCO2 - Test Script
CCPROG3

View Classes : (ReservationSystemView, ViewHotelExtension, ManageHotelExtension)			
Case	#		P/F
CreateHotel Valid	1		P
CreateHotel Invalid Hotel Name	2		P

CreateHotel Invalid Room Number Input	3	<div></div> <div></div>	P
View Hotel High Level Information	4	<div></div>	P

View Hotel
Low Level
Information

5

Hotel Reservation System

View Available and Booked RoomsView RoomView Reservation

View Available and Booked Rooms

List of Dates:

1

Available Rooms : 6
Standard Rooms : 1
Deluxe Rooms : 2
Executive Rooms : 3
Booked Rooms : 0
Standard Rooms : 0
Deluxe Rooms : 0
Executive Rooms : 0

Hotel Reservation System

View Available and Booked RoomsView RoomView Reservation

View Room

List of Rooms:

E01-ST

Room Information:

Hotel Room Name : E01-ST

Price Per Night

Day 01 -- to -- 02 : 1299.00Day 02 -- to -- 03 : 1299.00
Day 03 -- to -- 04 : 1299.00Day 04 -- to -- 05 : 1299.00
Day 05 -- to -- 06 : 1299.00Day 06 -- to -- 07 : 1299.00
Day 07 -- to -- 08 : 1299.00Day 08 -- to -- 09 : 1299.00
Day 09 -- to -- 10 : 1299.00Day 10 -- to -- 11 : 1299.00
Day 11 -- to -- 12 : 1299.00Day 12 -- to -- 13 : 1299.00
Day 13 -- to -- 14 : 1299.00Day 14 -- to -- 15 : 1299.00
Day 15 -- to -- 16 : 1299.00Day 16 -- to -- 17 : 1299.00
Day 17 -- to -- 18 : 1299.00Day 18 -- to -- 19 : 1299.00
Day 19 -- to -- 20 : 1299.00Day 20 -- to -- 21 : 1299.00
Day 21 -- to -- 22 : 1299.00Day 22 -- to -- 23 : 1299.00
Day 23 -- to -- 24 : 1299.00Day 24 -- to -- 25 : 1299.00
Day 25 -- to -- 26 : 1299.00Day 26 -- to -- 27 : 1299.00
Day 27 -- to -- 28 : 1299.00Day 28 -- to -- 29 : 1299.00
Day 29 -- to -- 30 : 1299.00Day 30 -- to -- 31 : 1299.00

Available Days

01 * 02 * 03 * 04 * 05 * 06 * 07 * 08 *
09 * 10 * 11 * 12 * 13 * 14 * 15 * 16 *
17 * 18 * 19 * 20 * 21 * 22 * 23 * 24 *
25 * 26 * 27 * 28 * 29 * 30 * 31 * □□

Hotel Reservation System

View Available and Booked RoomsView RoomView Reservation

View Reservation

List of Reservations:

E01-ST: In: 2--> Out: 4 Guest: "Jeonadab"

Guest Information : Jeonadab
Hotel Room Name : E01-ST
Check-In Date : 2
Check-Out Date : 4
Discount Code : N/A

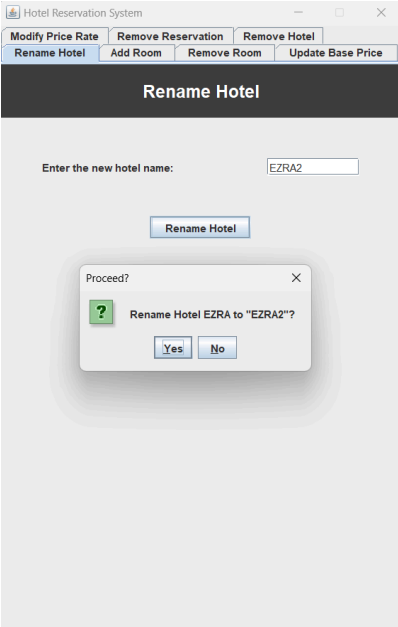
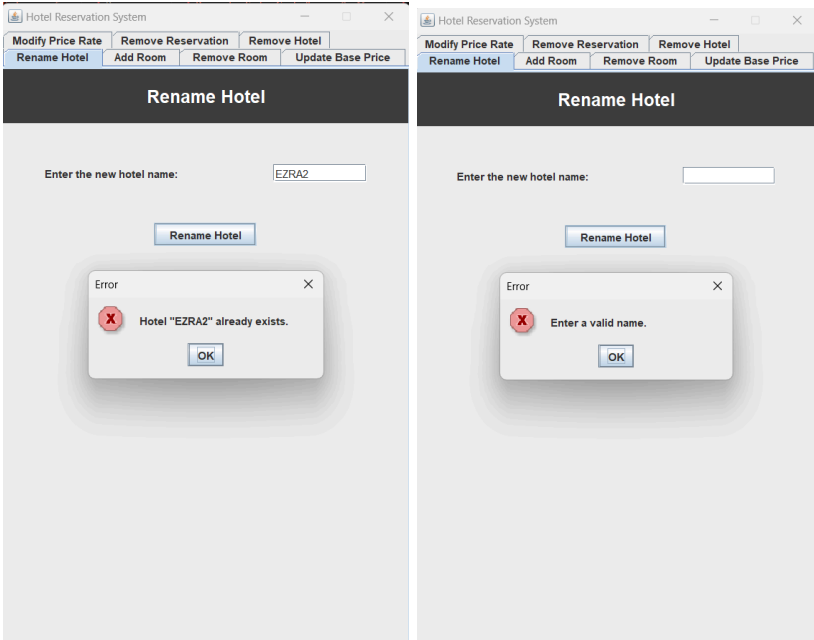
Price Breakdown

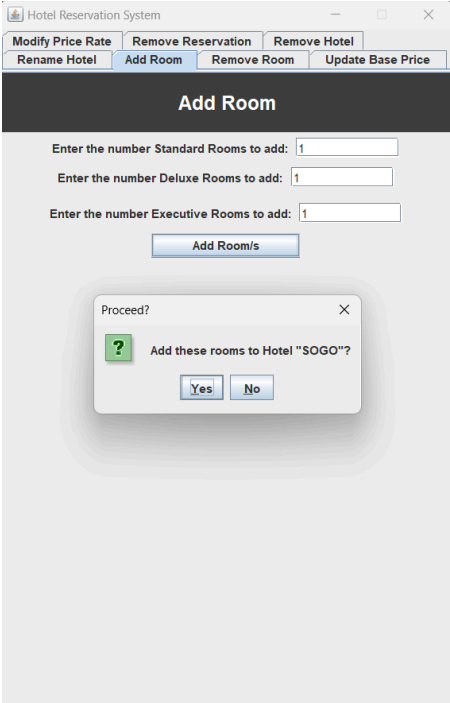
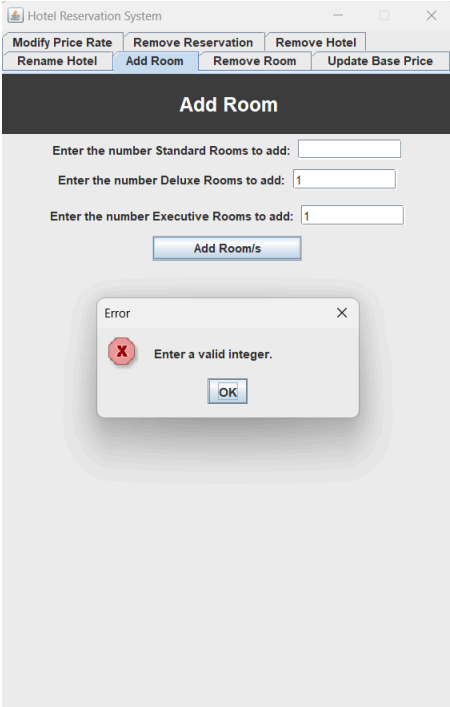
Day 02 -- to -- 03 : 1299.00Day 03 -- to -- 04 : 1299.00

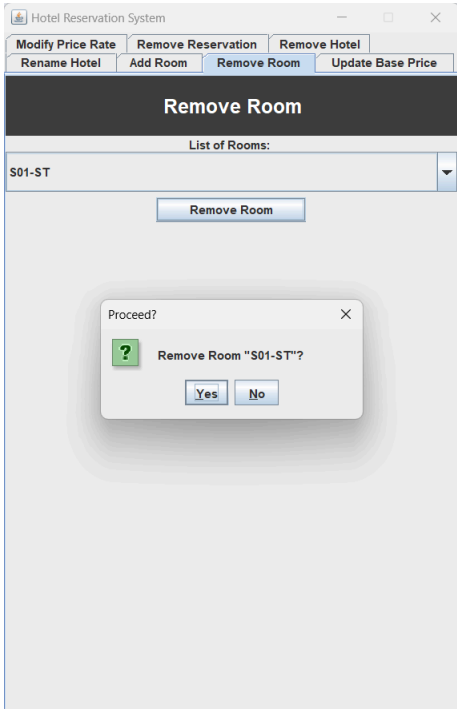
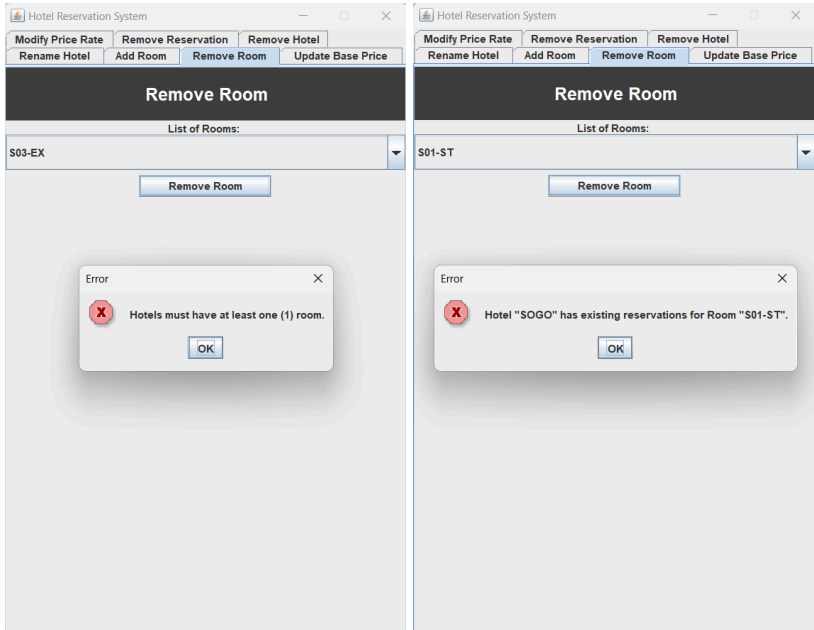
Total Price

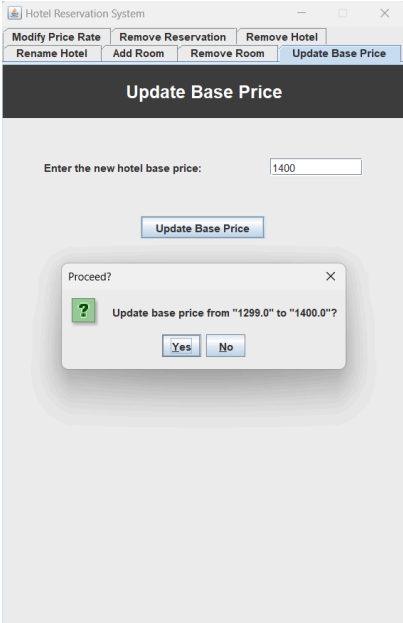
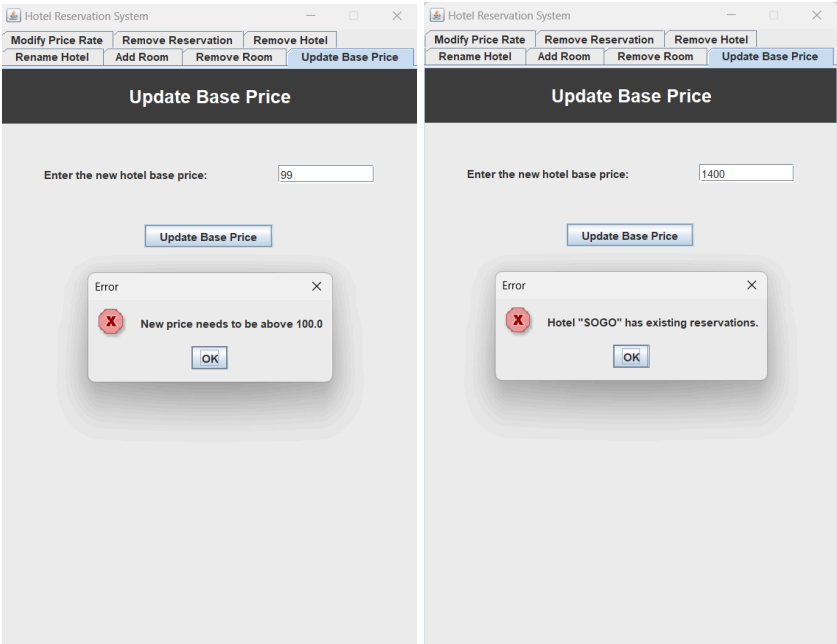
Discount Amount : 0.00
Total Price Amount : 2598.00

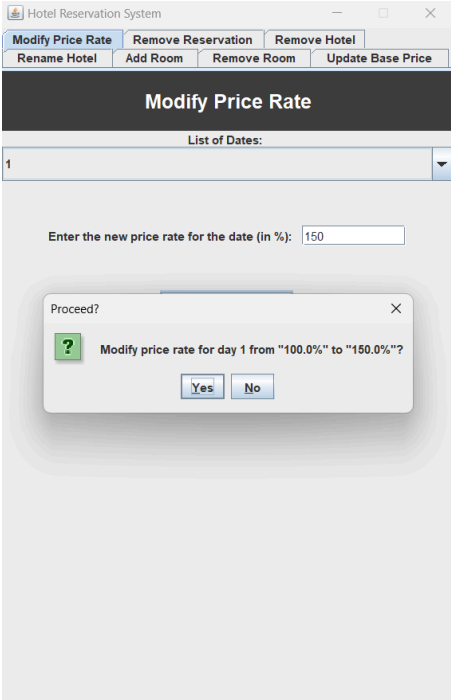
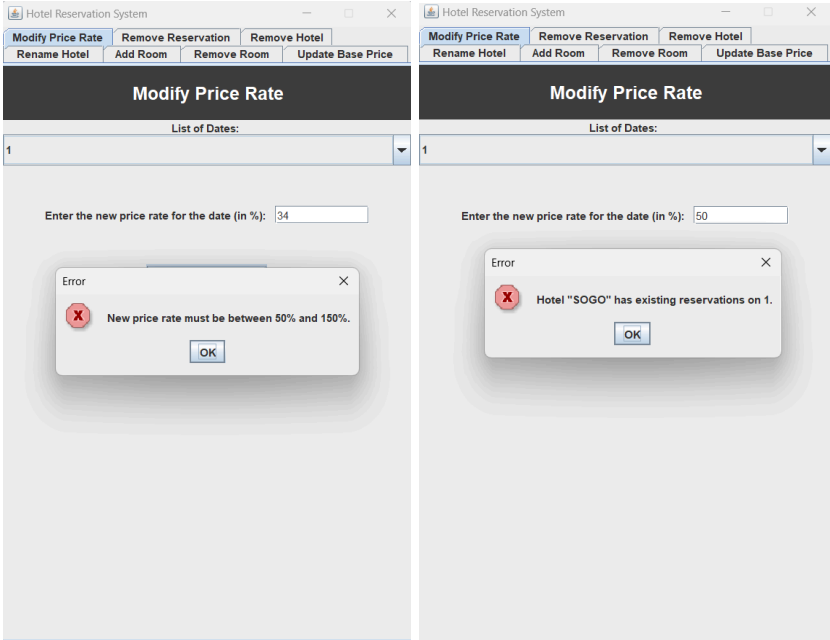
P

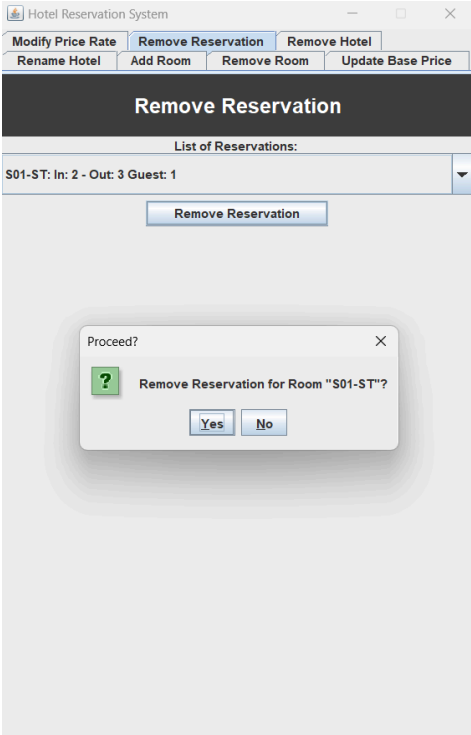
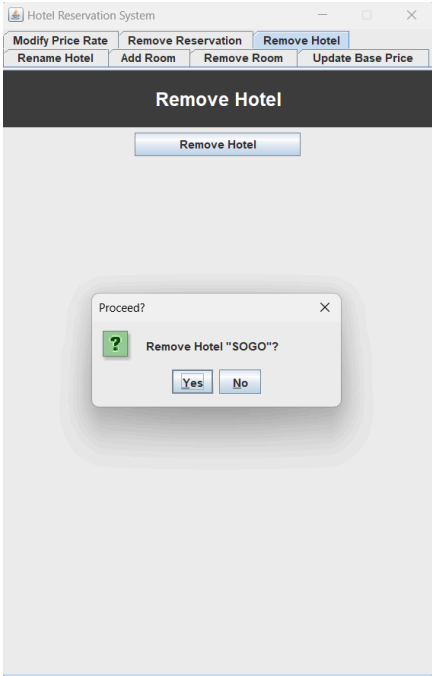
Manage Hotel Valid Rename Hotel	6		P
Manage Hotel Invalid Rename Hotel	7		P

Manage Hotel Valid Add Room	8		P
Manage Hotel Invalid Add Room	9		P

Manage Hotel Valid Remove Room	10		P
Manage Hotel Invalid Remove Room	11		P

Manage Hotel Valid Update Base Price	12		P
Manage Hotel Invalid Update Base Price	13		P

Manage Hotel Valid Modify Price Rate	14		P
Manage Hotel Invalid Modify Price Rate	15		P

Manage Hotel Valid Remove Reservation	16		P
Manage Hotel Valid Remove Hotel	17		P

<div>Simulate Booking Valid Booking</div>	<div>18</div>	<div><div><div><div>Hotel Reservation System</div><div>Create HotelView HotelManage HotelSimulate Booking</div><div>Simulate Booking</div><div>List of Hotels:<div>SOGO</div></div><div>Enter the Guest Name:<div>Ezra</div></div><div>List of Room Types:<div>Deluxe Room</div></div><div>Check In Date:<div>1</div></div><div>Check Out Date:<div>4</div></div><div>Enter a Discount Code:<div>I_WORK_HERE</div></div><div>Book Reservation</div><div>Proceed?<div>Confirm Reservation for "Ezra" in room "S02-DL" from 1 to 4?</div><div>YesNo</div></div></div></div><div><div><div>Hotel Reservation System</div><div>Create HotelView HotelManage HotelSimulate Booking</div><div>Simulate Booking</div><div>List of Hotels:<div>SOGO</div></div><div>Enter the Guest Name:<div>Ezra</div></div><div>List of Room Types:<div>Standard Room</div></div><div>Check In Date:<div>2</div></div><div>Check Out Date:<div>4</div></div><div>Enter a Discount Code:<div></div></div><div>Book Reservation</div><div>Proceed?<div>Confirm Reservation for "Ezra" in room "S01-ST" from 2 to 4?</div><div>YesNo</div></div></div></div></div>	<div>P</div>
<div>Simulate Booking Invalid Booking</div>	<div>19</div>	<div><div><div><div>Hotel Reservation System</div><div>Create HotelView HotelManage HotelSimulate Booking</div><div>Simulate Booking</div><div>List of Hotels:<div></div></div><div>Enter the Guest Name:<div></div></div><div>List of Room Types:<div></div></div><div>Check In Date:<div></div></div><div>Enter a Discount Code:<div></div></div><div>Book Reservation</div><div>Error<div>Hotel list is empty.</div><div>OK</div></div></div></div><div><div><div>Hotel Reservation System</div><div>Create HotelView HotelManage HotelSimulate Booking</div><div>Simulate Booking</div><div>List of Hotels:<div>SOGO</div></div><div>Enter the Guest Name:<div></div></div><div>List of Room Types:<div></div></div><div>Check In Date:<div></div></div><div>Enter a Discount Code:<div></div></div><div>Book Reservation</div><div>Error<div>Enter a valid guest name</div><div>OK</div></div></div></div></div>	<div>P</div>

Hotel Reservation System

Create Hotel View Hotel Manage Hotel **Simulate Booking**

Simulate Booking

List of Hotels: SOGO

Enter the Guest Name: Ezra

List of Room Types:

Check In Date:

Enter a Discount Code:

Book Reservation

Error

Select a room type.

OK

Hotel Reservation System

Create Hotel View Hotel Manage Hotel **Simulate Booking**

Simulate Booking

List of Hotels: SOGO

Enter the Guest Name: Ezra

List of Room Types: Standard Room

Check In Date:

Enter a Discount Code:

Book Reservation

Error

Enter a valid date range.

OK

Hotel Reservation System

Create Hotel View Hotel Manage Hotel **Simulate Booking**

Simulate Booking

List of Hotels: SOGO

Enter the Guest Name: Ezra

List of Room Types: Standard Room

Check In Date: 6

Check Out Date: 3

Enter a Discount Code:

Book Reservation

Error

Enter a valid date range.

OK

Hotel Reservation System

Create Hotel View Hotel Manage Hotel **Simulate Booking**

Simulate Booking

List of Hotels: SOGO

Enter the Guest Name: Ezra

List of Room Types: Standard Room

Check In Date: 3

Check Out Date: 6

Enter a Discount Code: INVALID

Book Reservation

Error

Enter a valid discount code.

OK

Class : ReservationSystem						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
IsExisting	1	Hotel name is non-existent	Input: "INVALID" hotelList : "SOGO" "SOFITEL"	Result = -1	Result = -1	P
	2	Hotel name exists	Input: "SOGO" hotelList : "SOGO" "SOFITEL"	Result = 0	Result = 0	P
	3	Similar hotel names exist but with different lettercases	Input: "SOGO" hotelList : "soGo" "SOGO"	Result = 1	Result = 1	P
<p>*Note: The rest of the methods in the reservation system are information getters or methods that do a process but assume all inputs are correct and, therefore, involve no significant logic.*</p>						

Class : Hotel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
sortRoom List	1	Sorts room names that are in increasing order already based on room numbers	roomListNames: {"A01-ST", "A02-DL", "A03-EX", "A04-ST", "A05-DL"}	roomListNames: {"A01-ST", "A02-DL", "A03-EX", "A04-ST", "A05-DL"}	roomListNames: {"A01-ST", "A02-DL", "A03-EX", "A04-ST", "A05-DL"}	P
	2	Sorts room names that are in decreasing order based on room numbers	roomListNames: {"A05-DL", "A04-ST", "A03-EX", "A02-DL", "A01-ST"}	roomListNames: {"A01-ST", "A02-DL", "A03-EX", "A04-ST", "A05-DL"}	roomListNames: {"A01-ST", "A02-DL", "A03-EX", "A04-ST", "A05-DL"}	P
	3	Sorts room names that are in no particular order based on room numbers	roomListNames: {"A10-ST", "A05-EX", "A07-DL", "A01-ST", "A04-EX"}	roomListNames: {"A01-ST", "A04-EX", "A05-EX", "A07-DL", "A10-ST"}	roomListNames: {"A01-ST", "A04-EX", "A05-EX", "A07-DL", "A10-ST"}	P
check Availability	1	Checks availability of a room with no existing reservations for the entire month	Room "A01-ST" Reservation: None Check Availability: checkIn: 6 checkOut: 10	True	True	P
	2	Checks availability of a room for a different range of dates from an existing reservation	Room "A01-ST" Reservation 1: checkIn: 1 checkOut: 5 Check Availability: checkIn: 6 checkOut: 10	True	True	P
	3	Checks availability of a room for a similar range of dates from an existing reservation	Room "A01-ST" Reservation 1: checkIn: 1 checkOut: 5 Check Availability: checkIn: 3 checkOut: 5	False	False	P

	4	Checks availability of a room for an overlap range of dates from an existing reservation	Room "A01-ST" Reservation 1: checkIn: 1 checkOut: 5 Check Availability: checkIn: 4 checkOut: 10	False	False	P
checkRoom Availability IndexList	1	Checks availability for the entire month of the rooms represented by the indexes with all rooms available	roomList: { "A01-ST", "A02-ST", "A03-ST" } reservedRoom List: None roomIndexList: {0,1,2}	True	True	P
	2	Checks availability for the entire month of the rooms represented by the indexes with one room unavailable	roomList: { "A01-ST", "A02-ST", "A03-ST" } reservedRoom List: { "A01-ST" } roomIndexList: {0,1,2}	False	False	P
	3	Checks availability for the entire month of the rooms represented by the indexes with all rooms unavailable	roomList: { "A01-ST", "A02-ST", "A03-ST" } reservedRoom List: { "A01-ST", "A02-ST", "A03-ST" } roomIndexList: {0,1,2}	False	False	P
checkDate Availability	1	Checks return if there are no reserved rooms for the date input	reservedRoom List & reservedDate: { "A01-ST" - (1,5), "A02-EX" - (6,10), "A03-DL" - (11,15) }	True	True	P

			date: 20			
	2	Checks return if there are reserved rooms for the date input	reservedRoom List & reservedDate: {"A01-ST" - (1,5), "A02-EX" - (6,10), "A03-DL" - (11,15)} date: 8	False	False	P
	3	No significant test case to be conducted				
get Available RoomType	1	Checks return if there is a room available for the specified type and date	roomType: "Standard Room" checkInDate: 1 checkOutDate: 2 roomList: {"A01-ST", "A02-DL", "A03-EX"} fullyReserved RoomList: None	0	0	P
	2	Checks return if there is a room available for the date but not for the specified type	roomType: "Standard Room" checkInDate: 1 checkOutDate: 2 roomLisz: {"A02-DL", "A03-EX"} fullyReserved Room List: None	-1	-1	P
	3	Checks return if there is a room available for the specified type but not for the date	roomType: "Standard Room" checkInDate: 1 checkOutDate: 2 roomList: {"A01-ST", "A02-DL", "A03-EX"} fullyReserved Room List: None	-1	-1	P

			fullyReserved RoomList: {“A01-ST”}			
checkAll Room Availability	1	Checks all room availability of the hotel with no existing reservations	reservedRoom List: None	True	True	P
	2	Checks all room availability of the hotel with an existing reservation	reservedRoom List: {“A01-ST”}	False	False	P
	3	Checks all room availability of the hotel with multiple existing reservations	reservedRoom List: {“A01-ST”, “A02-DL”, “A03-EX”}	False	False	P
check Discount Applicable	1	Checks validity of discount code with unrecognized discount code	discountCode: “Hello_World!” checkInDate: 1 checkOutDate: 5	False	False	P
	2	Checks validity of discount code with recognized discount code (I_WORK_HERE)	discountCode: “I_WORK_ HERE” checkInDate: 1 checkOutDate: 5	True	True	P
	3	Checks validity of discount code with recognized discount code with non satisfying dates (STAY4_GET1)	discountCode: “STAY4_GET1” checkInDate: 1 checkOutDate: 4	False	False	P
	4	Checks validity of discount code with recognized discount code with non satisfying dates (STAY4_GET1)	discountCode: “STAY4_GET1” checkInDate: 1 checkOutDate: 5	True	True	P
	5	Checks validity of discount code with recognized discount code with non satisfying dates (PAYDAY)	discountCode: “PAYDAY” checkInDate: 1 checkOutDate: 5	False	False	P
	6	Checks validity of discount code with recognized discount code with satisfying dates (PAYDAY)	discountCode: “STAY4_GET1” checkInDate: 1 checkOutDate:	True	True	P

			16			
getRoom Index	1	Gets the index of an existing room name from the room list	roomListNames: {"A01-ST", "A02-EX", "A03-DL", "A04-ST", "A05-EX"} roomName: "A02-EX"	1	1	P
	2	Gets the index of a non-existing room name from the room list	roomListNames: {"A01-ST", "A02-EX", "A03-DL", "A04-ST", "A05-EX"} roomName: "A06-ST"	-1	-1	P
	3	Gets the index of an existing room name found at the end of the room list	roomListNames: {"A01-ST", "A02-EX", "A03-DL", "A04-ST", "A05-EX"} roomName: "A05-EX"	4	4	P
checkRoom IndexList Validity	1	Checks return if all room index values are valid	roomList: {"A01-ST", "A02-EX", "A03-DL", "A04-ST", "A05-EX"} roomIndexList: {0,2,4}	True	True	P
	2	Checks return if one room index value is invalid	roomList: {"A01-ST", "A02-EX", "A03-DL", "A04-ST", "A05-EX"} roomIndexList: {0,2,5}	False	False	P
	3	Checks return if all room index values are invalid	roomList: {"A01-ST", "A02-EX",	False	False	P

			"A03-DL", "A04-ST", "A05-EX"} roomIndexList: {5,6,7}			
addRoom	1	Creates rooms with room names that are sequential from the existing complete room list and adds to the room list	roomListNames: {"A01-ST", "A02-ST", "A03-DL", "A04-DL", "A05-EX"} numRoomList: {1,1,1}	roomListNames: {"A01-ST", "A02-ST", "A03-DL", "A04-DL", "A05-EX", "A06-ST", "A07-DL", "A08-EX"}	roomListNames: {"A01-ST", "A02-ST", "A03-DL", "A04-DL", "A05-EX", "A06-ST", "A07-DL", "A08-EX"}	P
	2	Creates rooms with room names that are sequential from the existing broken room list and adds to the room list	roomListNames: {"A01-ST", "A03-ST", "A04-DL", "A06-DL", "A07-EX"} numRoomList: {1,1,1}	roomListNames: {"A01-ST", "A02-ST", "A03-ST", "A04-DL", "A05-DL", "A06-DL", "A07-EX", "A08-EX"}	roomListNames: {"A01-ST", "A02-ST", "A03-ST", "A04-DL", "A05-DL", "A06-DL", "A07-EX", "A08-EX"}	P
	3	No significant test case to be conducted				
getRoom Info	1	Checks availability of room return if room has no reservations	index: 2 roomList (No reservations): {Room1, Room2, Room3, Room4, Room5}	Room Info of Room3... Availability: 1,2,...,31	Room Info of Room3... Availability: 1,2,...,31	P
	2	Checks availability of room return if room has full reservations	index: 2 roomList (Full reservations): {Room1, Room2, Room3, Room4, Room5}	Room Info of Room3... Availability: None	Room Info of Room3... Availability: None	P
		No significant methods to test for system logic				

Class : Reservation
No significant methods to test for system logic

Class : Room						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
set Availability	1	Checks availability status of room if end date input is less than 31	startDate: 1 endDate: 30 available: false	availability = false, false,..., true	availability = false, false,..., true,	P
	2	Checks availability status of room if end date input is equal to 31	startDate: 1 endDate: 31 available: false	availability = false, false,..., false	availability = false, false,..., false	P
	3	No significant test case to be conducted				