		Class: Hr	sModel			
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
hotelExists	1	The hotel name input exists in the hotel list.	hotel	true	true	Р
hotelList: hotel						
	2	The hotel name input is unique and does not exist in the hotelList	hotel1	false	false	Р
hotelChoice	1	User's hotel choice input matches a hotel name in the hotel list.	hotel1	1	1	Р
hotelList: hotel, hotel1, hotel2	2	User's hotel choice input does not exist within the hotel list.	solaire	-1	-1	Р
	3	The user makes a typo in his/her hotel choice input.	hoteL	-1	-1	Р
createHotel	1	All inputs are valid, hotel name already exist	jotel1	false	false	Р
hotelList: hotel1, hotel2			10 10 10			
	2	All inputs are valid, hotel name is unique	hotel3 10 10 10	true	true	Р

	3	Hotel name is unique, but total room number to be created is greater than 50	hotel3 30 10 11	false	false	Р
	4	Hotel name is unique, but total room number To be created is less than 1	hotel3 0 0 0	false	false	Р
	5	Hotel name is unique, but there is a negative input	Hotel3 -1 -2 -3	false	false	Р
isTotalRoomValid	1	The valid room count inputs of the user totals to 30	Standard Room: 10 Deluxe Room: 10 Executive Room: 10	true	true	Р
	2	The valid room count inputs of the user exceeds the maximum total room count	Standard Room: 55 Deluxe Room: 0 Executive Room: 0	false	false	Р
isDateValid	1	A negative input	-1	false	false	Р
	2	A positive input and is within range	16	true	true	Р
	3	A positive input, but is not within range	32	false	false	Р

viewHighLvl hotelList: hotel1, hotel2	1	Hotel index is valid	0	hotelList.get(highLvlInd ex).showHighLevelInfo () in String form	hotelList.get(highL vlIndex).showHigh LevelInfo() in String form	Р
	2	Hotel index is not valid	2	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р
	3	Hotel index is a negative value	-1	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р
roomAvailability hotelList: hotel1, hotel2	1	Hotel index input is a valid integer and contains a hotel	0	showRoomStatus() in String form	showRoomStatus( ) in String form	Р
	2	Hotel index is not valid	-1	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р
	3	Hotel index input is a valid integer but does not contain a hotel	2	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р
roomInfo hotelList: hotel1	1	All inputs are valid	0 35	hotelRoom.showRoom Info(roomNumber) in String form	hotelRoom.showR oomInfo(roomNum ber) in String form	Р
index: 0 rooms: 1-35	2	Room name/number is valid, but hotel index does not exist	0	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р
	3	Hotel index is valid, but room name/number does not exist	1 35	"NO AVAILABLE INFORMATION"	"NO AVAILABLE INFORMATION"	Р

reservationInfo hotelList: hotel Reservation:	1	All inputs are valid	0 1 Josh 1 5	showReservationStatu s() in Sttring form	showReservationS tatus() in Sttring form	Р
Room 1 Josh 1 5	2	Not all inputs are valid	0 2 Neal 1 5	"!!! NO RESERVATION FOUND !!!"	"!!! NO RESERVATION FOUND !!!"	
changeHotelName hotelList: hotel1, hotel2	1	The new hotel name input does not yet exist in the hotel list	Solaire	Update changes in String form hotelList: Solaire, hotel2	Update changes in String form hotelList: Solaire, hotel2	Р
	2	The new hotel name input is not unique	hotel2	"!!! HOTEL NAME ALREADY EXISTS !!!"	"!!! HOTEL NAME ALREADY EXISTS !!!"	Р
updateBasePrice	1	The new base price is greater than or equal to 100	1399.00	"!!! SUCCESSFULLY UPDATED BASE PRICE !!!"	"!!! SUCCESSFULLY UPDATED BASE PRICE !!!"	Р
	2	The new base price is less than 100	99.00	"!!! NEW PRICE SHOULD ATLEAST BE 100 !!!"	"!!! NEW PRICE SHOULD ATLEAST BE 100	Р

					!!!"	
	3	A negative input	-1500.00	"!!! NEW PRICE SHOULD ATLEAST BE 100 !!!"	"!!! NEW PRICE SHOULD ATLEAST BE 100 !!!"	Р
isRoomValid Standard Room: 10	1	The room input is a valid integer and an existing room	1	true	true	Р
Deluxe Room: 10 Executive Room: 10	2	The room input is a valid integer but the room does not exist	35 or 0	false	false	Р
	3	The room input is a negative	-1	false	false	Р
addRoom hotelList: hotel1	1	The number of hotel rooms to add will exceed 50 if added to the total current room count	0 16 executive	"!!! REACHED MAX NUMBER OF ROOMS !!!";	"!!! REACHED MAX NUMBER OF ROOMS !!!";	Р
index: 0 curr rooms: 35	2	All inputs are valid	0 15 executive	"!!! SUCCESSFULLY ADDED ROOM(s) !!!";	"!!! SUCCESSFULLY ADDED ROOM(s) !!!";	Р
	3	The number of hotel rooms to add is a negative value	0 -15 executive	"!!! INPUT MUST BE POSITIVE OR ZERO !!!"	"!!! INPUT MUST BE POSITIVE OR ZERO !!!"	Р

removeRoom Standard Room: 10 Deluxe Room: 10	1	The room input is a valid integer and an existing room	2	Update changes in String form "!!! SUCCESSFULLY	Update changes in String form	Р
Executive Room: 10  Room 1 is booked				REMOVED A ROOM	SUCCESSFULLY REMOVED A ROOM !!!"	
	2	The room input is a valid integer but the room does not exist	35 or 0	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	Р
	3	The room input is a negative	-1	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	Р
	4	The room the user wants to remove is booked	1	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	Р
	5	The user tries to remove the last remaining room	10	"!!! THERE MUST BE A ROOM THAT REMAINS !!!"	"!!! THERE MUST BE A ROOM THAT REMAINS !!!"	Р
removeReservation hotelList: hotel1 Index: 0	1	All inputs are valid except for room number	0 11 Andrei 3 16	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	Р
Reservation Info: 12 Andrei 3 16	2	All inputs are valid except for check-in date	0 12 Andrei 4	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	Р

			16			
	3	All inputs are valid except for check-out date	0 12 Andrei 3 17	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	Р
	4	All inputs are valid, but there is no record found	11 Josh 3 16	"!!! RESERVATION DOES NOT EXIST !!!"	"!!! RESERVATION DOES NOT EXIST !!!"	Р
	5	All inputs are valid and there is a record found	0 12 Andrei 3 16	"!!! SUCCESSFULLY REMOVED A RESERVATION !!!";	"!!! SUCCESSFULLY REMOVED A RESERVATION !!!";	Р
modifyDatePrice	1	All inputs are valid	1 1.5	"!!! SUCCESSFULLY APPLIED THE DATE PRICE MODIFIER FOR DECEMBER 1" !!!"	"!!! SUCCESSFULLY APPLIED THE DATE PRICE MODIFIER FOR DECEMBER 1"!!!"	Р
	2	The date input does not exist	32	"!!! DAY DOES NOT EXIST !!!";	"!!! DAY DOES NOT EXIST !!!";	Р
	3	The new percent input is negative	-2.3	"!!! INVALID INPUT FOR DATE PRICE MODIFIER !!!"	"!!! INVALID INPUT FOR DATE PRICE MODIFIER	Р

					!!!"	
doesRoomNumTypeMatch hotelList: hotel1	1	The room number and it's type in the hotel selected match	0 1 executive	true	true	Р
room 1 - executive room2 - standard room3 - deluxe	2	The room number and it's type in the hotel selected does not match	0 1 standard	false	false	Р
bookingSimulation	1	All inputs are valid and without a discount code	0 Andrei	In String form	In String form	Р
hotelList: hotel1 Index: 0  Available Room/s: 1 - standard 2 - executive 3 - deluxe			standard 1 1 31	roomReserve.showRe servationStatus(guest Name, checkIn, checkOut)	roomReserve.sho wReservationStatu s(guestName, checkIn, checkOut)	
		All inputs are valid and with a discount code	0 Andrei standard 1 1 1 31 I_WORK_HERE	In String form roomReserve.showRe servationStatus(guest Name, checkIn, checkOut)	In String form roomReserve.sho wReservationStatu s(guestName, checkIn, checkOut)	Р
	2	All inputs are valid, but room number and room type doesn;t match	0 Andrei executive	"!!! ROOM TYPE AND ROOM NUMBER DOES NOT MATCH	"!!! ROOM TYPE AND ROOM NUMBER DOES	Р

		1 1 31	!!!";	NOT MATCH !!!";	
3	All inputs are valid, but room does not exist	0 Andrei standard 11 1 31	"!!! ROOM DOES NOT EXIST !!!"	"!!! ROOM DOES NOT EXIST !!!"	Р
4	All inputs are valid, except for check-in date	0 Andrei standard 1 31 7 I_WORK_HERE	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	Р
5	All inputs are valid, except for check-out date	0 Andrei standard 1 31 1 I_WORK_HERE	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	Р

		Class:	Hotel			
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
addRoom	1	The total number of rooms to be added in the current number of rooms will exceed 50	16 standard	false	false	Р
hotelList: hotel1 Room: 1-35	2	The total number of rooms to be added in the current number of rooms will not exceed	15 standard	true	true	Р
removeRoom hotelList: hotel1 Room: 1, 5, 10 Reservation Info: 10 (room) Andrei (guest) 3 (in) 16 (out)	1	The room does exist and has no current reservation/booking	1	true	true	Р
	2	The room does exist and has a current reservation/booking	10	false	false	Р
	3	The room does not exist	11	false	false	Р
computeEstimateEarnings	1	There is no reservation in any of the rooms in the hotel	N/A	0.00	0.00	Р
	2	There is a 1 day reservation in one of the standard rooms in the hotel	N/A	1299.0	1299.0	Р

isRoomAvailable Room: 1 Check-in: 1 Check-out: 5	1	The room to check does not exist	51 1 5	false	false	Р
	2	All passed values are valid	1 1 5	true	true	Р
	3	The check-in/check-out dates are invalid	1 2 6	false	false	Р
isRoomAvailable	1	The room to check does not exist	51	false	false	Р
Total rooms: 10	2	The room exists	1	true	true	

			Class: Room			
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
isBooked	1	The room is not booked	n/a	true	true	Р
	2	The room is booked	n/a	false	false	Р
showReservationStatus	1	There is a reservation found	Andrei	In String form	In String form	Р
Reservation Info: 10 (room) Andrei (guest) 3 (in) 16 (out)			3 16	reservation.showReser vationInfo();	reservation.showReservatio nInfo();	
	2	There is no reservation found	Josh 3 16	"!!! NO RESERVATION FOUND !!!"	"!!! NO RESERVATION FOUND !!!"	Р
removeReservation Reservation Info:	1	All inputs are valid and record does exist	Andrei 3 16	true	true	Р
10 (room) Andrei (guest) 3 (in) 16 (out)	2	All inputs are valid except for check-out date	Andrei 3 15	false	false	Р
	3	All inputs are valid except for check in date	Andrei 2 16	false	false	Р
	4	All inputs are valid, but record does not exist	Josh 3	false	false	Р

			16		1	
showRoomInfo	1	A valid input	1	In String form	In String form	Р
hotelList: hotel1				roomInfo.toString();	roomInfo.toString();	
Room: 1-50	2	Not a valid input	-1			Р

Class: Reservation												
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F						
isDateWithinReservation	1	The input date is within the reservation dates	3	true	true	Р						
Check-in: 1 Check-out: 5	2	The input date is outside the reservation dates	10	false	false	Р						
	3	The input date is invalid	-1/0	false	false	Р						
infoMatches  Guest Name: josh Room Num: 1	1	The inputs match an existing reservation	josh 1 1 5	true	true	Р						
Check-in: 1 Check-out: 5	2	The inputs do not match an existing reservation	Josh neal 1 1 5	false	false	Р						