

HotelReservationSystemModel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
createHotel	1	Checks if the checking of similar hotel Names work	hotelName = Motel  In the Model: Motel	returns -1	return -1	P
	2	Checks if the checking of the range of number of rooms work (range is 1 - 50)	inputted num of Rooms = 55	returns -2	return -2	P
	3	Checks if the name and amount of rooms is succesfully added to create a hotel	hotelName = DLSU num of Rooms = 30	returns 1	return 1	P
ViewHotelModel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
isAvailable	1	Checks if the day is available through getting the room's availability list	selected day = 5  In system: 5 = true (available)	returns true	return true	P
	2	Checks if the day is unavailable through getting the room's availability list	selected day = 10  In system: 10 = false (unavailable)	returns false	return false	P
	3	Checks if the method won't run because it did not pass the valid parameters	Parameter room = Hotel hotel Parameter day = double 7.5	Error	Error	P
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
findRoom	1	Checks if the room inputted is found in the arraylist of rooms	roomname = Room 1  room arraylist: has Room 1	returns Room	return Room	P
	2	Checks if the room inputted is found in the arraylist of rooms	roomname = Room 55  room arraylist: has no Room 55	returns null	return null	P
	3	Checks if the room arraylist passed is valid	Parameter roomList = ReservationList Parameter roomName = char a	Error	Error	P
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
findGuestRes	1	Checks if the guest name is found within the reservation list	guestname = Patrick  reservation arraylist: Patrick is found within the array list	returns true	return true	P
	2	Checks if the guest name is not found within the reservation list	guestname = Rain  reservation arraylist: Rain is not found within the array list	returns false	return false	P
	3	Checks if the variable passed in the string parameter is valid	Parameter guestName = char a	Error	Error	P
ManageHotelModel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
changeName	1	Checks if the checking of similar hotel Names work	newhotelName = Motel  In the Model: Motel	returns false	return false	P
	2	Checks if hotel name is succesfully changed	newhotelName = Motel  In the Model: no similar name	returns true	return true	P
	3	Checks if the hotel arraylist passed is valid	parameter hotelList = Room room	Error	Error	P
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F

addRoom	1	Checks number of Rooms can still be added	selects add Room numOfRooms = 30 numOfRooms < 51	returns true	return true	P
	2	Checks number of Rooms can still be added	selects add Room numOfRooms = 50 numOfRooms < 51	returns false	return false	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
generateUniqueRoomName	1	Checks if uniqueName variable is formatted properly	basename = Room count = 5	uniqueName = Room 5	uniqueName = Room 5	P
	2	Checks if method returns string properly	method called	returns uniqueName	return uniqueName	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
isRoomTaken	1	Checks if room name exists within the arraylist of rooms	roomName = Room 1  roomArrayList: Room 1 exists	returns true	return true	P
	2	Checks if room name exists within the arraylist of rooms	roomName = Room 0  roomArrayList: Room 0 does not exist	returns false	return false	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
removeRoom	1	Checks if room is found and succcesfully removed	roomName = Room 1  roomArrayList: Room 1 exists	returns true	return true	P
	2	Checks if room is found and succcesfully removed	roomName = Room 0  roomArrayList: Room 0 does not exist	returns false	return false	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
removeReservation	1	Checks if name is found within the reservation	reservationName = Patrick  reservationName is in the reservationArrayList	name is found	name is found	P
	2	Checks if the room parameter passed is valid	parameter room = Room room	Continue with program	Continue with program	P
	3	Checks if the reservation parameter passed is valid	parameter reservation = Room room	Error	Error	P
<b>BookHotelModel</b>						
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
availableRooms	1	Checks if all rooms are available	booleanList are all set to true	returns true	return true	P
	2	Checks if all rooms are available	booleanList are all set to false	returns false	return false	P
	3	Checks if countRoom works	there are 10 false rooms	returns 10	return 10	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
checkAvailability	1	Checks if all days are available	booleanList are all set to true	returns true	return true	P
	2	Checks if all days are available	booleanList are all set to false	returns false	return false	P
	3	Checks if count works	there are 10 false days	returns 10	return 10	P
<b>Method</b>	<b>#</b>	<b>Test Description</b>	<b>Sample Input Data</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>P/F</b>
findRoom	1	Checks if roomName is found	roomName = Room 1  roomArrayList has Room 1	returns index	return index	P

	2	Checks if roomName is found	roomName = Room 1 roomArrayList has no Room 1	returns -1	return -1	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
addReservation	1	Checks if roomName is found and reserved	roomName = Room 1 roomArrayList has Room 1	returns 1	return 1	P
	2	Checks if room is available	room is not available	returns 0	return 0	P
	3	Checks if the reservation parameter passed is valid	parameter reservation = Room room	Error	Error	P
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
checkDiscount	1	Checks if roomName is found and reserved	roomName = Room 1 roomArrayList has Room 1	returns 1	return 1	P
	2	Checks if the reservation parameter passed is valid	parameter reservation = Room room	Error	Error	P
	3	Checks if the hotel parameter passed is valid	parameter hotelList = Room room	Error	Error	P