

Class: ManageHotel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
addRooms	1	Normal Input	DLSU, LS, 123	Room 1 of DLSU: LS123	Room 1 of DLSU: LS123	P
	2	Floor is an integer	DLSU, 17, 23	Room 1 of DLSU: 1723	Room 1 of DLSU: 1723	P
	3	Number is non-int	DLSU, LS, AG	Re-input the number	Re-input the number	P
removeRooms	1	Normal Input, at least 2 rooms (LS113, GK302)	Remove LS113	GK302 left	GK302 left	P
	2	Only 1 room in hotel	Remove AG1707	Cannot remove room	Cannot remove room	P
	3	Room not found	A room not in hotel	Hotel not found	Hotel not found	P
roomsMatch	1	Room A and Room B match	V204	True	True	P
	2	Floors match, but numbers don't	V502, V305	False	False	P
	3	Floors don't match, but numbers do	LS311, Y311	False	False	P
changeHotelName	1	Change name of hotel normally (Original hotel name: Ryan)	Sunny	Name changed to Sunny	Name changed to Sunny	P
	2	Change name to a number	351	Name changed to 351	Name changed to 351	P
	3	Change name to the same name	Ryan	This is already the hotel's name!	This is already the hotel's name!	P
updateBasePrice	1	Change from default to 500	500	Base price changed to 500	Base price changed to 500	P
	2	Change from default to less than 100	35	Cannot change base price	Cannot change base price	P
	3	Change while there are currently reservations	350	Cannot change base price	Cannot change base price	P
addReservation	1	Reserving a room with no reservations	DLSU, 5, 10, Gemal, Ryan	Added Ryan's reservation to DLSU	Added Ryan's reservation to DLSU	P
	2	Reserving an occupied room within occupied dates (5-10)	DLSU, 6, 8, Gemal, Ryan	Your room is occupied during these dates, please try again.	Your room is occupied during these dates, please try again.	P
	3	Reserving an occupied room containing occupied dates (5-10)	DLSU, 1, 15, Gemal, Ryan	Your room is occupied during these dates, please try again.	Your room is occupied during these dates, please try again.	P
	4	Reserving a room with a reservation that does not contain/is within	DLSU, 16, 17, Gemal, Ryan	Added Ryan's reservation to DLSU	Added Ryan's reservation to DLSU	P

		occupied dates (5-10)				
removeReservation	1	Input within 1 to hotel.getClientCount() (client count: 3, clients: Ryan, Sunny, Sir Lu)	2	Ryan and Sir Lu left	Ryan and Sir Lu left	P
	2	Hotel has no reservations	Hotel with no reservations	There are no reservations in this hotel.	There are no reservations in this hotel.	P
	3	Input is a boundary	4	Try again	Try again	P
	4	Input completely out of bounds	50	Re-input the number	Re-input the number	P
	5	Input is a negative number	-9	Re-input the number	Re-input the number	P
	6	Input is a string	ABC	Try again	Try again	P

Class: Utilities						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
isBookedDatesValid	1	Normal dates	5, 7	True	True	P
	2	Same day reservation	5, 5	False	False	P
	3	Check in day on 31	31, 31	False	False	P
	4	Check out day on 1	1, 1	False	False	P
	5	Check in day after check out day	15, 9	False	False	P
	6	Room has a reservation within selected dates (7-10)	1, 8	False	False	P
	7	Room has a reservation outside selected dates (7-10)	15, 21	True	True	P
isRoomOccupied(hotel: Hotel, bookedRoom: Room, checkInDay: int, checkOutDay: int)	1	Room has no reservations	5, 7	False	False	P
	2	Reserving an occupied room within occupied dates (5-10)	6, 8	True	True	P
	3	Reserving an occupied room containing occupied dates (5-10)	1, 11	True	True	P
	4	Reserving a room with a reservation that does not contain/is within occupied dates (5-10)	16, 21	False	False	P
isRoomOccupied(hotel: Hotel, bookedRoom: Room, date: int)	1	Room has no reservations	7	False	False	P
	2	Room has a reservation on the selected date (5-10)	7	True	True	P

	3	Room has a reservation outside the selected date (5-10)	15	False	False	P
isDayBooked	1	Booked dates contain the specified day	Dates: 20-25, Day: 22	True	True	P
	2	Booked dates start with the specified day	Dates: 17-22, Day: 17	True	True	P
	3	Booked dates end with the specified day	Dates: 1-12, Day: 12	False	False	P
isPaydayDay	1	Booked dates contain either 15 or 30	14-16	True	True	P
	2	Booked dates start with either 15 or 30	30-31	True	True	P
	3	Booked dates end with either 15 or 30	7-15	False	False	P

Class: ChangeRoomTypeController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	Selected type is already room type	Current room type: Standard, changing to: standard	Room type is already Standard	Room type is already Standard	P
	2	Selected type is not the room type	Current room type: Deluxe, changing to: Standard	Successfully changed to Standard	Successfully changed to Standard	P
	3	User exits the popup window prompt	User clicks cancel or exit	Back to manage hotel screen	Back to manage hotel screen	P

Class: ChooseHotelController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	Choosing a hotel normally (Hotels: Ryan, Sunny)	Ryan	View hotel screen with Ryan's info	View hotel screen with Ryan's info	P
	2	User exits the popup window prompt, ChooseHotel instance comes from View Hotel	User clicks cancel or exit	Back to main menu screen (the button is located in the main menu)	Back to main menu screen	P
	3	User exits the popup window prompt, ChooseHotel instance comes from a Manage Hotel option	User clicks cancel or exit	Back to manage hotel screen	Back to manage hotel screen	P

Class: CreateReservationController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
createClient	1	Reserving a room with no reservations	DLSU, 5, 10, Gemal, Ryan	Added Ryan's reservation to DLSU	Added Ryan's reservation to DLSU	P
	2	Reserving an occupied room within occupied dates (5-10)	DLSU, 6, 8, Gemal, Ryan	Your room is occupied during these dates, please try again.	Your room is occupied during these dates, please try again.	P
	3	Reserving an occupied room	DLSU, 1, 15, Gemal,	Your room is occupied	Your room is occupied	P

		containing occupied dates (5-10)	Ryan	during these dates, please try again.	during these dates, please try again.	
	4	Reserving a room with a reservation that does not contain/is within occupied dates (5-10)	DLSU, 16, 17, Gemal, Ryan	Added Ryan's reservation to DLSU	Added Ryan's reservation to DLSU	P

Class: CreateRoomController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
createRoom	1	Normal Input	DLSU, LS, 123	Room 1 of DLSU: LS123	Room 1 of DLSU: LS123	P
	2	Floor is an integer	DLSU, 17, 23	Room 1 of DLSU: 1723	Room 1 of DLSU: 1723	P
	3	Number is non-int	DLSU, LS, AG	Re-input the number	Re-input the number	P

Class: EnterHotelNameController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	Instance from create hotel, user inputs name	Ryan	Hotel Ryan created	Hotel Ryan created	P
	2	Instance from create hotel, user exits popup	Popup exited	View switches to main menu	View switches to main menu	P
	3	Instance from rename hotel, Change name of hotel normally (Original hotel name: Ryan)	Sunny	Name changed to Sunny	Name changed to Sunny	P
	4	Instance from rename hotel, Change name to a number	351	Name changed to 351	Name changed to 351	P
	5	Instance from rename hotel, Change name to the same name	Ryan	This is already the hotel's name!	This is already the hotel's name!	P
	6	Instance from rename hotel, user exits popup	Popup exited	View switches to manage hotel	View switches to manage hotel	P

Class: DPMController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
createDPM	1	Normal inputs, user selects one day	10% off on 20th, one day	DPM of hotel has all 1.0	DPM of hotel has all 1.0	P

		DPM	DPM selected, start day: 20, multiplier: 0.9	multipliers on other days, 0.9 multiplier on 20th	multipliers on other days, 0.9 multiplier on 20th	
	2	Normal inputs, user selects range DPM	10% off on last week of the month, range DPM selected, range: 25-31, multiplier: 0.9	DPM of hotel has all 1.0 multipliers on other days, 0.9 multiplier on 25-31	DPM of hotel has all 1.0 multipliers on other days, 0.9 multiplier on 25-31	P
	3	User inputs non-float for DPM multiplier	fgh	Discount multiplier is not a floating point number.	Discount multiplier is not a floating point number.	P

Class: RemoveHotelController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	User clicks cancel delete	Cancel clicked	View switched to manage hotel	View switched to manage hotel	P
	2	User clicks yes	Hotel Ryan	Hotel Ryan deleted	Hotel Ryan deleted	P
	3	User clicks no	Hotel Ryan	View switched to choose hotel with remove hotel source	View switched to choose hotel with remove hotel source	P

Class: RemoveReservationController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	No clients in the hotel	{}	No clients available.	No clients available	P
	2	User cancels choosing a client	Exit/cancel clicked	View switched to manage hotel	View switched to manage hotel	P
	3	User chooses a client to delete	Ryan Gemal	Ryan Gemal deleted	Ryan Gemal deleted	P

Class: RemoveRoomController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	Normal Input, at least 2 rooms (LS113, GK302)	Remove LS113	GK302 left	GK302 left	P
	2	Only 1 room in hotel	Remove AG1707	Cannot remove room	Cannot remove room	P
	3	User clicks cancel delete	Cancel clicked	View switched to	View switched to	P

				manage hotel	manage hotel	
	4	Deleting a room with a reservation, rooms present: LS113, GK302, GK302 has one reservation	Remove GK302	You cannot remove this room because there is currently a reservation!	You cannot remove this room because there is currently a reservation!	P

Class: UpdateBasePriceController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
promptUser	1	User clicks cancel	Cancel clicked	View switched to manage hotel	View switched to manage hotel	P
	2	User inputs less than 100	95	Base price must be at least \$100.	Base price must be at least \$100.	P
	3	User inputs the current base price	1299	Base price is already \$1299	Base price is already \$1299	P
	4	User inputs non-float	hjk	Please enter a number.	Please enter a number.	P
	5	User inputs expected input	999	Successfully updated base price to 999	Successfully updated base price to 999	P

Class: ViewHotelController						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
viewDate	1	User clicks cancel	Cancel clicked	View hotel screen	View hotel screen	P
	2	Within the boundary selected	14	Shows details for 14th	Shows details for 14th	P
	3	Beyond the boundary selected	99	Shows details for 1st	Shows details for 1st	P
promptReservation	1	User clicks cancel	Cancel clicked	View hotel screen	View hotel screen	P
	2	No reservations exist in the hotel	{}	No clients available.	No clients available.	P
	3	A client is chosen	Ryan Gemal	Ryan's information is displayed	Ryan's information is displayed	P