Brookstone B&B V3 Unit and System Test Report

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Unit Test Repo	Unit Test Report						
Unit	Test Cases	Expected	Returned	Solution			
searchRooms	Standard, Queen, 18-01-	roomList built and call to					
	2016, 19-01-2016	bookRoom()					
initializeRooms	no configuration file	Error message and	as	works			
		program exit	expected				
initializeRooms	valid configuration file	roomList initialized	as	works			
		properly	expected				
saveReservations	rooms in roomList	new reservations.txt file	as	works			
		saved	expected				
loadReservations	no reservation file	roomList remains empty	as	works			
			expected				
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loadReservations	valid reservation file	roomList loaded properly	as	works			
			expected				
System Test Re	port						
Function	Test Cases	Expected	Returned	Solution			
Find Room	standard room, queen	Find 6 available rooms	6 available	Works			
	bed, today's date,		rooms				
	· · · · · · · · · · · · · · · · · · ·						
	tomorrow's date						
	tomorrow's date						
Book Room	Select room 101 and	New dialog pops up,	new	works			
Book Room		asking for guest	new dialog	works			
Book Room	Select room 101 and			works			
Book Room	Select room 101 and	asking for guest		works			
Book Room Book Room	Select room 101 and	asking for guest		works			
	Select room 101 and click Book Room	asking for guest information	dialog				
	Select room 101 and click Book Room Enter name, phone number, credit card and meal type (credit card	asking for guest information Message to user - room	dialog				
	Select room 101 and click Book Room Enter name, phone number, credit card and	asking for guest information Message to user - room booked	dialog message as				
	Select room 101 and click Book Room Enter name, phone number, credit card and meal type (credit card numeric only) and	asking for guest information Message to user - room booked	dialog message as				
Book Room	Select room 101 and click Book Room Enter name, phone number, credit card and meal type (credit card numeric only) and click "OK"	asking for guest information Message to user - room booked successfully	message as expected	works			
	Select room 101 and click Book Room Enter name, phone number, credit card and meal type (credit card numeric only) and	asking for guest information Message to user - room booked	dialog message as				

Guest List	Click on "Guest List"	One guest in Room 101 - name should	table as expected	works
		match		
Prepare Breakfast	Click on "Prepare Breakfast"	Table with guest name	table as	works
	Breakiast	and meal type as entered previously	expected	
		as entered previously		
Find Room	standard room, queen	Error message - must	Error	works as
	bed, today's date,	check out after	message	expected
	today's date	check in		
Book Room in	standard room, queen	Find 6 available rooms	6 available	Works
future	bed, date next week,		rooms	
	date the week after			
Book Room	Select room 102 and	New dialog pops up,	new	works
DOOK NOOTH	click Book Room	asking for guest	dialog	WOIKS
		information	8	
Book Room	Enter name, phone	Message to user - room	message	works
	number, credit card and	booked	as	
	meal type (credit card	successfully	expected	
	numeric only) and			
	click "OK"			
View Status	Click "View Status"	All rooms shown, with	table as	works
	Chek Trew Status	one guest in	expected	Works
		room 101 and no guest in	'	
		room 102		
		(because they're not in		
		the hotel)		
View Status	Change computer date	All rooms shown, with	table as	works
view status	to a date in the range	one guest in	expected	WOIKS
	of guest in room 102,	room 102	3	
	then select "View			
	Status"			
Book Room	Do previous Find Room	Error message - invalid	error	works
	steps and then:	credit card	message	
	Enter name, phone		as expected	
	number, credit card and		CAPCCICA	

	meal type (credit card			
	with non numerics) and			
	click "OK"			
Find Room	standard room, queen	Find 6 available rooms	Shows 6	works
	bed, 31-12-16 as		rooms	
	check in and 02-01-17 as			
	check out			
Book Room	Enter name, phone	Message to user - room	meccage	works
BOOK KOOM	number, credit card and	booked	message as	WOIKS
	meal type (credit card	successfully	expected	
	numeric only) and	Successiony	Схрестей	
	click "OK"			
View Status	Change computer date	all rooms shown, with	No guests	BUG -
	to a 01-01-17 and select	one guest in	shown	needs
	to a 01-01-17 and select	one guest in	SHOWII	fixing
	"View Status"	room from previous step		HAITIS
Load	Start program, book 3	all rooms shown, with 3	table as	works
	guests into 3 rooms and	recently added	expected	
	then exit program. Start	guests		
	program again and			
	click "View Status"			

Errors

When a guest tries to book a room across the New Year's holiday, the system will tell the receptionist that the room was booked, but the roomList object will not be updated properly. A temporary workaround is to make two reservations. One until December 31st and the second from January 1st onwards. This will be fixed in a future version.