1. Replication

1.1 Bug 1(All Service charges are reported as 0.00 when checking out)

Test Name	All Service charges are reported as 0.00 when checking out
Use Case Tested	Record Service and Check out
Test Description	This test is carried out to check the service charges during checking out.
Pre-Conditions	As this test is done after Booking and check in must carried out first.
Post-Conditions	It is the final step of the use case.
Notes:	The booking and check in must be done before recording service. And service charges are applied during check out.
Result (Pass/Fail/Warning/Incomplete)	

As pre-conditions specify to test services reported as 0.00 when checking out, it must be first carried out booking and checked in, so booking and checking are not included in the following test steps.

	TEST STEP	EXPECTED TEST RESULTS		P/F
1.	Record Service for room.	Prompts user to input already checked in room id and after entering correct room id it must show service type menu and prompt to enter service type.	``` Please select: B: Book a Room C: Check In R: Record Service D: Check Out Q: Quit Selection : r Recording service Enter Room Id: 101 B: Bar Fridge R: Restaurant S: Room Service Enter service type ```	P
2.	Enter service type.	After entering service type, it must prompt to enter service cost. (Here I have recorded Bar Fridge.)	``` Enter Room Id: 101 B: Bar Fridge R: Restaurant S: Room Service Enter service type B Enter cost: ```	P

	TEST STEP	EXPECTED TEST RESULTS		P /F
| 3. | Enter service cost. Then service record is done. | After entering service cost, service record finishes and it shows room id, charged service and amount. | ```
Enter Room Id: 101
B:      Bar Fridge
R:      Restaurant
S:      Room Service
Enter service type B
Enter cost: 100

Room 101 charged $100.00 for Bar Fridge

Hit <enter> to continue
``` | P |
| 4. | Select Check out option. | From the main menu, select check out option by typing letter "D". Then, it will prompt to enter room id that need to be checked out. | ```
Please select:

    B:      Book a Room
    C:      Check In
    R:      Record Service
    D:      Check Out

    Q:      Quit


Selection : D

Checking out

Enter room number:
``` | P |
| 5. | Enter room id. | After entering room id, it have to show the services we used and cost. It shows the services we used but it shows the cost 0.00 instead of 100. (In this case we had entered cost 100). | ```
Selection : D

Checking out

Enter room number: 101
Charges for room: 101, booking: 102019101
Arrival date: 01-01-2019, Staylength: 1
Guest: sanil, Address: pookhara, Phone: 12
Charges:
    Bar Fridge  :      $0.00
Total: $0.00

Accept charges(Y/N) :
``` | F |
| 6. | Pay from card | After pay entering the card details, it shows 0.00 amount was deducted. | ```
Accept charges(Y/N) : y
Charges accepted

Enter credit card details
V:      Visa
M:      MasterCard
Enter credit card type selection: v
Enter credit card number: 1
Enter CCV: 11
Visa credit card number 1 was debited $0.00
Hit <enter> to continue
``` | |

1.2 Bug 2 (It is possible to charge a room for service after the guest has checked out)

Test Name	After the guest has checked out from the room, still it is possible to charge a room for service.
Use Case Tested	First checkout and then Record Service.
Test Description	This test is carried out to check the service charges during checking out.

Pre-Conditions	This test must be carried out after the guest has checked out. So, the room must be first checked out.
Post-Conditions	After checked out, the room must not be charged for service.
Notes:	Once guest has checked out, all the charges must be charged and must not be able to record service which the guest has recently checked out.
Result (Pass/Fail/Warning/Incomplete)	

This test is continued soon after the first test is done. As the room number during the first test was 101, we will test for the room number 101 which we checked out in previous test.

	TEST STEP	EXPECTED TEST RESULTS		P/F

1.	Choose record option from the main menu.	After choosing record service option from the main menu, it has to prompt user to enter room id.	Hotel Management System
			
			Please select:
			
			    B: Book a Room
			    C: Check In
			    R: Record Service
			    D: Check Out
			
			    Q: Quit
			
			Selection : r
			
			Recording service
			
			Enter Room Id: |
				P

2.	Enter room id.	After entering room id 101 that has been already checked out, it has to alert that this room has been checked out. But it prompts user to enter service type.	Please select:
			
			    B: Book a Room
			    C: Check In
			    R: Record Service
			    D: Check Out
			
			    Q: Quit
			
			Selection : r
			
			Recording service
			
			Enter Room Id: 101
			B: Bar Fridge
			R: Restaurant
			S: Room Service
			Enter service type|
				F

	TEST STEP	EXPECTED TEST RESULTS		P /F
3.	Enter service type.	After entering service type, it must prompt to enter service cost. (Here I have recorded Restaurant.)	Recording service Enter Room Id: 101 B: Bar Fridge R: Restaurant S: Room Service Enter service typer Enter cost: |	P
4.	Enter service cost. Then service record is done.	After entering service cost, service record finishes and it shows room id, charged service and amount.	Enter Room Id: 101 B: Bar Fridge R: Restaurant S: Room Service Enter service typer Enter cost: 120 Room 101 charged $120.00 for Restaurant Hit <enter> to continue	P