








Automated testing:

Test Name	Normal Flow
Use Case Tested:	The use case begins when customer selects check in and out option on the main
Test Description:	This test is using to test the check out part of the hotel.java file.
Pre-conditions	The booking should be made in initial so that the check in option can be activate check in cannot be done no the checkout
Post-conditions	There are no post conditions
Notes:	The booking should be done by the user before the check in can be done. If the k user cannot check in to the system. The sample of prior booking looks like the fo
Result (Pass/Fail/Warning/Incomplete)	


Testing Checkout:

	TEST STEP	EXPECTED TEST RESULTS	Screenshot
1.	Prompt to enter room number	After choosing the checkout option, the program should prompt for the room number	<p>Please select:</p> <p>B: Book a Room</p> <p>C: Check In</p> <p>R: Record Service</p> <p>D: Check Out</p> <p>Q: Quit</p> <p>Selection : D</p> <p>Checking out</p> <p>Enter room number: </p>
2.	Enter room number	Room Number set to 101	<p>Selection : D</p> <p>Checking out</p> <p>Enter room number: 101 </p>
3.	Display final invoice	<p>After entering the room number, the final invoice should be shown with all the correct charges.</p> <p>The charge should be</p> <p>Bar Fridge: 20.00</p> <p>Restaurant: 50.00</p> <p>Room Service: 40.00</p>	<p>Checking out</p> <p>Enter room number: 101</p> <p>Charges for room: 101, booking: 12</p> <p>Arrival date: 12-12-2022, Staylen</p> <p>Guest: Sam, Address: King st, Phon</p> <p>Charges:</p> <p>Bar Fridge : \$20.00</p> <p>Restaurant : \$50.00</p> <p>Room Service: \$40.00</p> <p>Total: \$110.00 </p>
4.	Prompt to accept charges	The program should prompt for the yes or no option for charges	

	TEST STEP	EXPECTED TEST RESULTS	Screenshot
			Guest: Sam, Address: King St, Pho Charges: Bar Fridge :      \$0.00 Restaurant :      \$0.00 Room Service:      \$0.00 Total: \$0.00 Accept charges(Y/N) :   
5.	Accept charges	The user enters yes	Charges: Bar Fridge :      \$0.00 Restaurant :      \$0.00 Room Service:      \$0.00 Total: \$0.00 Accept charges(Y/N) : y  
6.	Prompt to enter credit card type	The program should then prompt for the credit card type	Accept charges(Y/N) : y Charges accepted Enter credit card details V:      Visa M:      MasterCard Enter credit card type selection:
7.	Enter credit card type	The user should then enter the credit card number. Here M is chosen as option	 Enter credit card details V:      Visa M:      MasterCard Enter credit card type selection:
8.	Prompt for credit card number	The credit card number should be shown	Enter credit card details V:      Visa M:      MasterCard Enter credit card type selection: 1 Enter credit card number: 1  
9.	Prompt for ccv	It should then prompt for CVV number which is 1 here	Enter credit card type selection: Enter credit card number: 1 Enter CCV: 2 

	TEST STEP	EXPECTED TEST RESULTS	Screenshot
	10. Display checkout debit message	<p>The checkout message should pop up with the amount.</p> <p>The amount should be 110.00</p>	<pre> M:      MasterCard Enter credit card type selection: Enter credit card number: 1 Enter CCV: 2 MasterCard credit card number 1 w Hit &lt;enter&gt; to continue  </pre>

Alternative Flow:

Test Name	Test Purpose	Expected Output	Result Output	Test Status	Screenshots
Room Number Not Found	To check if no booking message is prompt when room ID is not found	No active booking should pop up	No active booking should pop up	P	<pre> Enter room number: 111 No active booking found for room id 111 Enter room number:   </pre>
Charges Not Accepted	To check whether system display	The system displays a charge s not	The system displays a charge s not	P	<pre> Accept charges (Y/N) : n Charges not accepted </pre> 

	s a charge s not accept ed messa ge or not	accept ed messa ge	accept ed messa ge		
Charge s Not Accept ed	To check wheth er the system display s a checko ut cancell ed messa ge or not	The system display s a checko ut cancell ed messa ge	The system display s a checko ut cancell ed messa ge	P	<pre>Accept charges(Y/N) : n Charges not accepted Checking out cancelled</pre>
User Cancel s	To check wheth er the system display s a cancell ed messa ge or not	The system display s a cancell ed messa ge	The system display s a cancell ed messa ge	P	<pre> Enter room number: CheckoutUI: User cancelled at input ro Checking out cancelled</pre>

Check if it is possible to charge a room for service after the guest has checked out  
The check out was successfully done.

Checking out

Enter room number: 101

Charges for room: 101, booking: 12112022101

Arrival date: 12-12-2022, Staylength: 1

Guest: Sam, Address: King st, Phone: 987654

Charges:

Bar Fridge : \$20.00

Restaurant : \$50.00

Room Service: \$40.00

Total: \$110.00

Accept charges(Y/N) : y

Charges accepted

Enter credit card details

V: Visa

M: MasterCard

Enter credit card type selection: M

Enter credit card number: 1

Enter CCV: 2

MasterCard credit card number 1 was debited \$110.00

Hit <enter> to continue

Checking out completed



Check if the user is able to add any additional charges after log out:

Checking out completed

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: 101

No active booking for room id: 101 

Enter Room Id: |

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User is not able to add any service charges after checking out.