

Resolution:

This use case is created after fixing the bugs.

Test Name		Check Out Test		
Use case		Check Out		
Test Description		When guest checks out, all the charges are being charged according to the service they asked for		
Pre- Condition		Main menu should be displayed Customer should have used Record Service		
Post- Condition		Service charge should be the amount of the charge		
Result		Pass		
	Test Step	Expected Result	P	F
1.	Prompt to enter room number	Message should be displayed in the screen	P	
2.	Enter room number	User should be able to enter room number	P	
3.	Display final invoice	Final invoice should be seen on the screen	P	
4.	Prompt to accept charges	Message should be shown on the screen	P	
5.	Accept charges	Program should be able to accept charges	P	
6.	Prompt to enter credit card type	Message should be displayed to enter credit card type	P	
7.	Enter credit card type	User should be able to enter credit card	P	
8.	Prompt for credit card number	Message should be displayed to enter credit card number	P	
9.	Enter service type	User should be able to enter service type	P	
10.	Prompt for ccv	Message should be displayed for ccv	P	
11.	Enter ccv	User should be able to enter ccv	P	
12.	Display checkout debit message	Message should be displayed with the checkout debit balance	P	

Before Debugging (BUG 1)

Booking:

```
eclipse-workspace - a4/src/hotel/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Main.java, Hotel.java, Booking.java, BookingCTL..., CheckoutCTL..., TestRecords...
Main.java
1
<

Problems | Javadoc | Declaration | Search | Console
Main (2) [Java Application] C:\Program Files\Java\jre-10.0.2\bin\javaw.exe (14 Oct. 2018, 7:21:56 pm)
Please select:
B: Book a Room
C: Check In
R: Record Service
D: Check Out
Q: Quit
Selection : B
Booking Room
Enter phone number: 0415470891
Enter guest name: Ashmit Sthapit
Enter guest address: 40 Graham Place
Name: Ashmit Sthapit, Address: 40 Graham Place, Phone: 415470891
S: Single room, 1
D: Double room, 2
T: Twin share, 3
Enter room type selection: S
Enter number of occupants: 1
Enter arrival date
Enter day (dd): 02
Enter month (mm): 02
Enter year (y): 2019
Arrival Date: 02-02-2019
Enter length of stay: 4
The cost of booking a Single room from 02-02-2019 for 4 nights is $400.00
```

After Debugging (BUG 1)

```
eclipse-workspace - a4/src/hotel/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Main.java, Hotel.java, Booking.java, BookingCTL..., CheckoutCTL...
Main.java
1
<

Problems | Javadoc | Declaration | Search | Console
Main (2) [Java Application] C:\Program Files\Java\jre-10.0.2\bin\javaw.exe (15 Oct. 2018, 12:43:57 pm)
Room : 101, SINGLE
Room : 201, DOUBLE
Room : 301, TWIN_SHARE
Hotel Management System
Please select:
B: Book a Room
C: Check In
R: Record Service
D: Check Out
Q: Quit
Selection : B
Booking Room
Enter phone number: 12345687
Enter guest name: Ashmit
Enter guest address: 40 Graham Street
Name: Ashmit, Address: 40 Graham Street, Phone: 12345687
S: Single room, 1
D: Double room, 2
T: Twin share, 3
Enter room type selection: S
Enter number of occupants: 1
Invalid number, please try again
Enter number of occupants: 1
```

```
eclipse-workspace - a4/src/hotel/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Main.java, Hotel.java, Booking.java, BookingCTL..., CheckoutCTL...
Main.java
1
<

Problems | Javadoc | Declaration | Search | Console
Main (2) [Java Application] C:\Program Files\Java\jre-10.0.2\bin\javaw.exe (14 Oct. 2018, 7:21:56 pm)
Enter credit card details
V: Visa
M: MasterCard
Enter credit card type selection: V
Enter credit card number: 1
Enter CCV: 12
Single room 101 is booked from 02-02-2019 for 4 nights by Ashmit Sthapit.
Visa Credit card number 1 has been debited $400.00
Confirmation Number : 212019101
Hit <enter> to continue
Booking completed
```

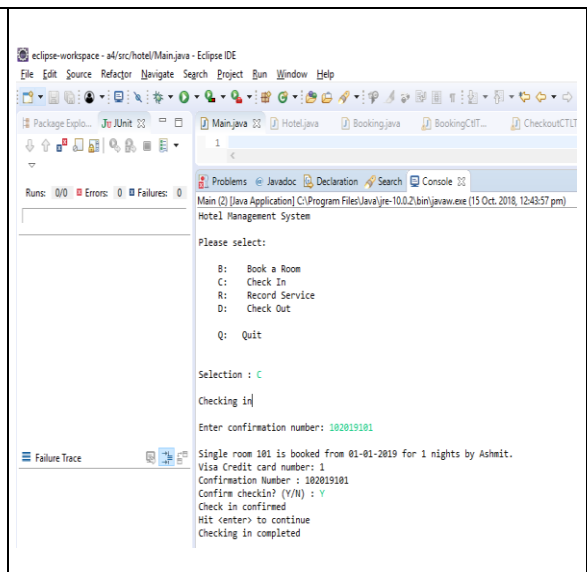
```
eclipse-workspace - a4/src/hotel/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Main.java, Hotel.java, Booking.java, BookingCTL..., CheckoutCTL...
Main.java
1
<

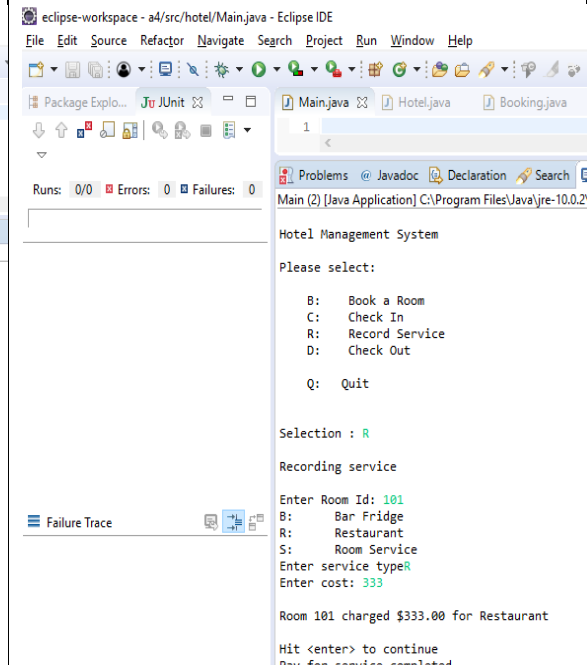
Problems | Javadoc | Declaration | Search | Console
Main (2) [Java Application] C:\Program Files\Java\jre-10.0.2\bin\javaw.exe (15 Oct. 2018, 12:43:57 pm)
Enter arrival date
Enter day (dd): 1
Enter month (mm): 1
Enter year (y): 2019
Arrival Date: 01-01-2019
Enter length of stay: 3
The cost of booking a Single room from 01-01-2019 for 3 nights is $300.00
Enter credit card details
V: Visa
M: MasterCard
Enter credit card type selection: V
Enter credit card number: 1
Enter CCV: 12
Single room 101 is booked from 01-01-2019 for 3 nights by Ashmit.
Visa Credit card number 1 has been debited $300.00
Confirmation Number : 102019101
Hit <enter> to continue
Booking completed
```

Check In:

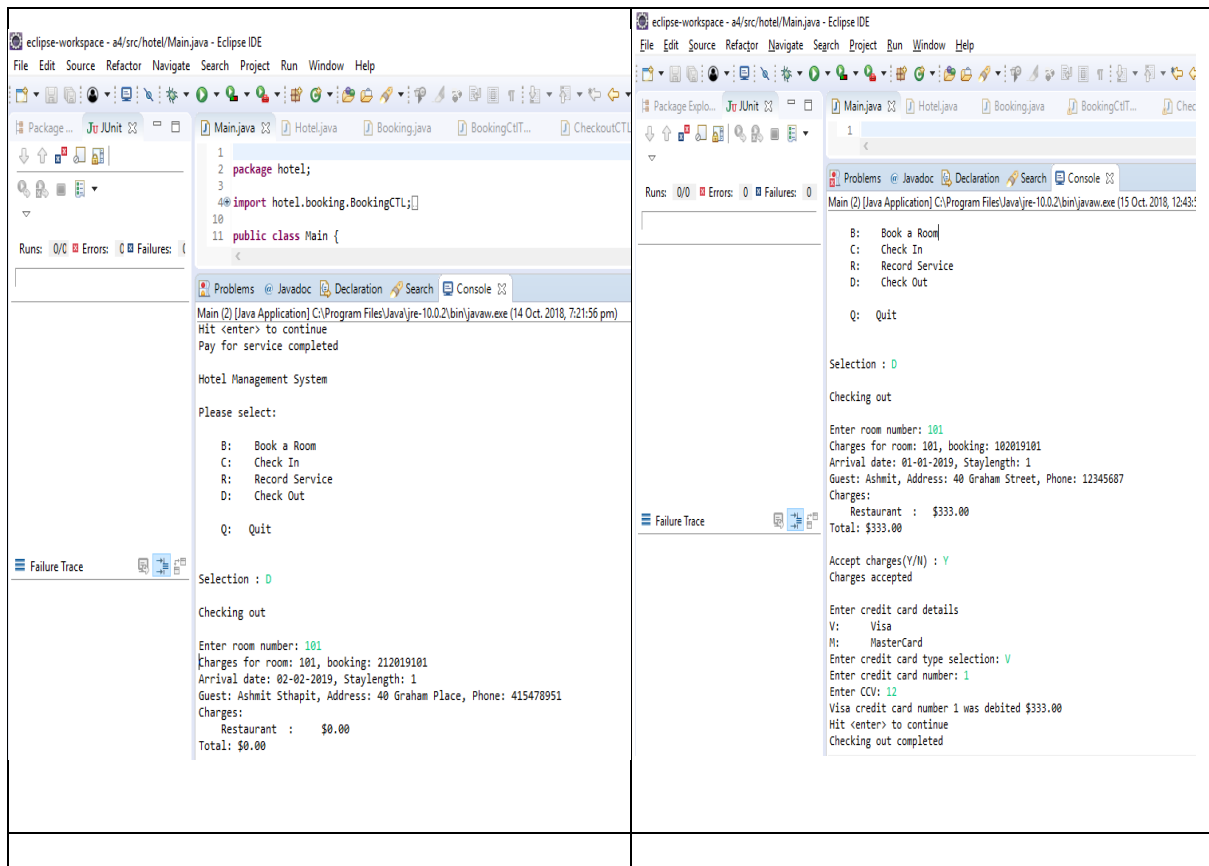
Check In:



Record Service:



Check Out:

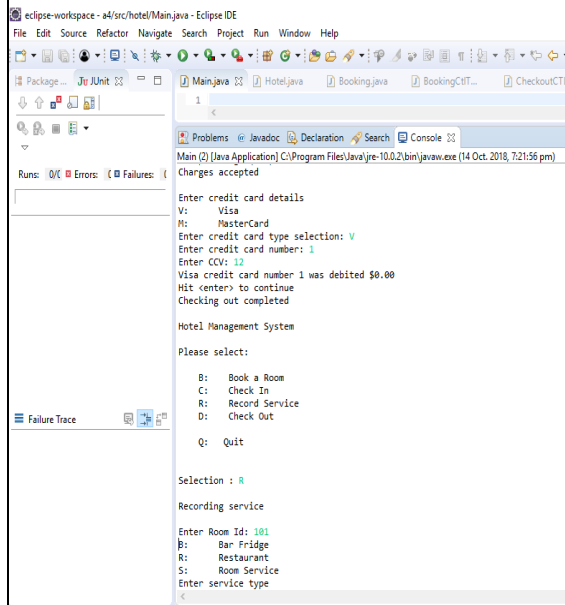


This use case is after fixing the second bug .

Test Name		Check Out Test		
Use case		Check Out		
Test Description		Once the guest has checked out, room cannot be charged again		
Pre- Condition		Main menu should be displayed Customer should have already been checked out once.		
Post- Condition		No charge should be taken after guest has checked out.		
Result		Pass		
	Test Step	Expected Result	P	F
1.	Prompt to enter room number	Message should be displayed in the screen	P	
2.	Enter room number	User should be able to enter room number	P	
3.	Display final invoice	Final invoice should be seen on the screen	P	
4.	Prompt to accept charges	Message should be shown on the screen	P	
5.	Accept charges	Program should be able to accept charges	P	
6.	Prompt to enter credit card type	Message should be displayed to enter credit card type	P	
7.	Enter credit card type	User should be able to enter credit card	P	
8.	Prompt for credit card number	Message should be displayed to enter credit card number	P	
9.	Enter service type	User should be able to enter service type	P	
10.	Prompt for ccv	Message should be displayed for ccv	P	
11.	Enter ccv	User should be able to enter ccv	P	
12.	Display checkout debit message	Message should be displayed with the checkout debit balance	P	
13.	Prompt for room ID	Message should be displayed for room ID	P	
14.	Enter Room ID	User should not be able to enter Room ID	P	
15.	Prompt for cost	Message should be displayed for cost	P	

Before Debug (BUG 2)

Record Service:



After Debug (BUG 2)

