

4. Resolution

4.1 Bug 1

Automated Test Result

Tests passed: 100.00 %

The test passed. (0.062 s)

- hotel.test.Bug1Test passed
 - testZeroServiceCharge passed (0.0 s)

```
*****booking start*****
*****booking end*****
*****checkin start*****

Single room 1 is booked from 14-10-2018 for 1 nights by namel.
Visa Credit card number: 1
Confirmation Number : 14920181
Check in confirmed
*****checkin end*****
*****record service start*****
State before method call: SERVICE

Room 1 charged $20.00 for Room Service

State after method call: COMPLETED
*****record service end*****
*****check out start*****
Charges for room: 1, booking: 14920181
Arrival date: 14-10-2018, Staylength: 1
Guest: namel, Address: address1, Phone: 1123456
Charges:
    Room Service:    $20.00
Total: $20.00

Actual Total cost for service: 20.0
System returned cost for service: 20.0
Checking out completed
*****check out finished*****
```

UAT Test

- Record Service

```
Selection : r

Recording service

Enter Room Id: 101
B:      Bar Fridge
R:      Restaurant
S:      Room Service
Enter service typeb
Enter cost: 75

Room 101 charged $75.00 for Bar Fridge

Hit <enter> to continue
```

- Checkout

```
Please select:

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

Q:      Quit

Selection : d

Checking out

Enter room number: 101
Charges for room: 101, booking: 102019101
Arrival date: 01-01-2019, Staylength: 1
Guest: sanil, Address: nepal, Phone: 123
Charges:
    Bar Fridge   :    $75.00
Total: $75.00
```

- Charges accepted

```
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: 1
Visa credit card number 1 was debited $75.00
Hit <enter> to continue
```

4.2 Bug 2

Automated Test Result

Tests passed: 100.00 %

The test passed. (0.062 s)

- ✓ hotel.test.Bug2Test passed
- ✓ testReEnterServiceAfterCheckedOut passed (0.015 s)

```
Test All Service charges are reported as 0.00 when checking out.
*****booking start*****
*****booking end*****
*****checkin start*****
```

```
Single room 1 is booked from 14-10-2018 for 1 nights by namel.
Visa Credit card number: 1
Confirmation Number : 14920181
Check in confirmed
*****checkin end*****
*****check out start*****
Charges for room: 1, booking: 14920181
Arrival date: 14-10-2018, Staylength: 1
Guest: namel, Address: address1, Phone: 1123456
Charges:
Total: $0.00
```

```
Checking out completed
*****check out finished*****
*****record service after checkout start*****
No active booking for room id: 1
State before method call later: ROOM
Expected Result: "PayForServiceCTL: serviceDetailsEntered : bad state : ROOM"
System Result: "PayForServiceCTL: serviceDetailsEntered : bad state : ROOM"
```

UAT Test

- Check out completed

```
Enter credit card details
V:      Visa
M:      MasterCard
Enter credit card type selection: v
Enter credit card number: 1
Enter CCV: 1
Visa credit card number 1 was debited $75.00
Hit <enter> to continue
Checking out completed
```

Hotel Management System

Please select:

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

```
Q:      Quit
```

```
Selection : |
```

- Record service for checked out room

```
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: |
```