Resolution: Automated Test

It is possible to charge a room for service after the guest has checked out

Package : hotel.service	
Classname: RecordServiceCTL	Method: roomIdEntered
Description: this test is to verify the reported bugs is fixed	
Test Case: RecordServiceCTLTest	
S/No.	Implementation

1

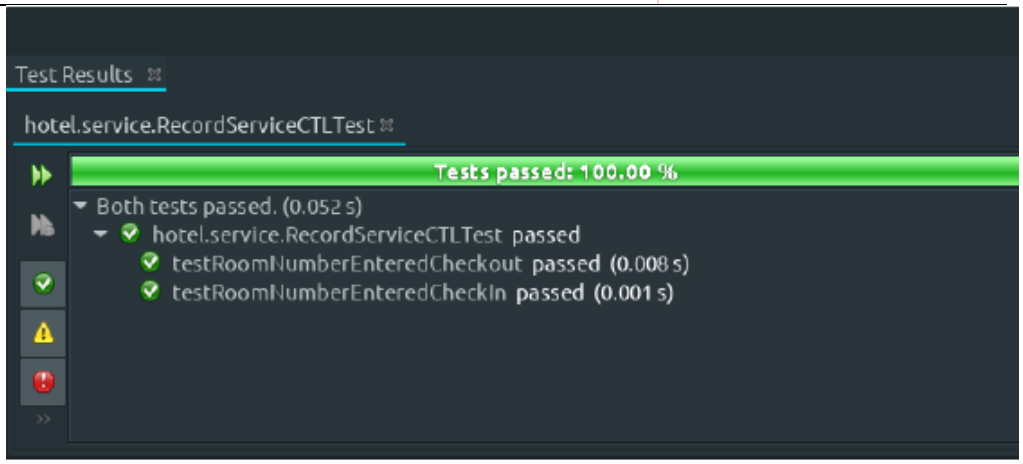
```
/**
 * Test of roomNumberEntered method, of class RecordServiceCTL.
 * @throws java.lang.Exception
 */
@Test
public void testRoomNumberEntered() throws Exception {
    int roomNumber = 201;
    String expectedOutput = String.format("No active booking for room id: %d", roomNumbe
    Hotel hotel = HotelHelper.loadHotel();
    hotel.checkout(roomNumber);
    RecordServiceCTL instance = new RecordServiceCTL(hotel);
    instance.roomNumberEntered(roomNumber);
    String actualOutput = outContent.toString();
    assertTrue(actualOutput.contains(expectedOutput));

}
```

2

```
/**
 * Test of run method, of class RecordServiceCTL.
 * @throws java.lang.Exception
 */
@Test
public void testRoomNumberEnteredCheckIn() throws Exception {
    int roomNumber = 201;
    double cost = 50.00;
    ServiceType serviceType = ServiceType.BAR_FRIDGE;
    String excpeted = String.format("Room %d charged $%.2f for %s", roomNumber, cost, serviceType.getDescription()

    Hotel hotel = HotelHelper.loadHotel();
    RecordServiceCTL instance = new RecordServiceCTL(hotel);
    instance.roomNumberEntered(roomNumber);
    instance.serviceDetailsEntered(serviceType, cost);
    String actualOutput = outContent.toString();

    assertTrue(actualOutput.contains(excpeted));
}
```

Screenshot