Corrected Test Code

public void serviceDetailsEntered(ServiceType serviceType, double cost) {

if (state != State.SERVICE) {

String mesg = String.format("PayForServiceCTL: serviceDetailsEntered : bad state : %s", state);

throw new RuntimeException(mesg);

}

hotel.addServiceCharge(roomNumber, serviceType, cost);

System.out.println("serviceDetailsEntered: "+cost);

recordServiceUI.displayServiceChargeMessage(roomNumber, cost, serviceType.getDescription());

state = State.COMPLETED;

recordServiceUI.setState(RecordServiceUI.State.COMPLETED);

}

public void addServiceCharge(int roomId, ServiceType serviceType, double cost) {

Booking booking = activeBookingsByRoomId.get(roomId);

if (booking == null) {

String mesg = String.format("Hotel: addServiceCharge: no booking present for room id : %d", roomId);

throw new RuntimeException(mesg);

}

booking.addServiceCharge(serviceType, cost);

System.out.println("Hodtel Add Serivce Charge: "+cost);

}

public void addServiceCharge(ServiceType serviceType, double cost) {

charges.add(new ServiceCharge(serviceType, cost));

System.out.println("Booking Add Serivce Charge: "+cost);

}