

ITC205 - Professional Programming Practice

Assessment Three UAT script

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# Scenario: Make Booking

## Scenario Description

- Test all scenarios related to the 'Make Booking' use case

## Test Scripts

The following scripts will cover this scenario:

- New Guest books an available room.
- Registered Guest credit is refused, then enters a credit card that is authorised.
- Registered Guest attempts to book an unavailable room , then books another type of room.
- Registered Guest attempts to book an unavailable room , then cancels.
- Registered Guest credit is refused, then cancels.

## Use Case

- Make Booking

## Test Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- A room can be booked by a new guest.
- A room can be booked by a registered guest when a new credit card is entered after first credit card is not authorized.
- An available room can be booked by a registered guest after attempted booking of an unavailable room type
- When a room is unavailable, booking can be cancelled.
- When credit is refused, payment can be cancelled.

## User Groups

- Guest

## Script 1: Room booking, unregistered guest

### Script Description

- New Guest books an available room.

### Testing Requirements

This test script covers the following specific testing requirements:

- A "single" room is available in the hotel.

### Setup

- Hotel created with HotelHelper class.

### Teardown

- None.

### Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	Program launched	Selection screen displayed	P
2	input "b"	Display: "Booking Room  Enter phone number:"	P
3	input "1"	Display: "Enter guest name: "	P
4	input "bill"	Display: "Enter guest address: "	P
5	input "fake st"	Display: "Name: bill, Address: fake st, Phone: 1  S:      Single room, 1 D:      Double room, 2 T:      Twin share, 3 Enter room type selection: "	P
6	input "S"	Display: "Enter number of occupants: "	P
7	input "1"	Display: "Enter arrival date  Enter day (dd): "	

8	input "25"	Display: "Enter month (mm): "	P
9	input "11"	Display: "Enter year (yyyy): "	P
10	input "2018"	Display: "Arrival Date: 25-11-2018 Enter length of stay:"	P
11	input "1"	Display: "The cost of booking a Single room from 25-11-2018 for 1 nights is \$100.00  Enter credit card details V:     Visa M:     MasterCard Enter credit card type selection:	F
12	input "v"	Display: "Enter credit card number: "	F
13	input "4"	Display: "Enter CCV:"	P
14	input "4"	Display: "Single room 101 is booked from 25-11-2018 for 1 nights by bill. Visa Credit card number 4 has been debited \$100.00 Confirmation Number : 25102018101 Hit <enter> to continue"	P
15	input "<enter>"	Display: "Booking completed  Hotel Management System  Please select:  B:   Book a Room C:   Check In R:   Record Service D:   Check Out	P

		Q: Quit	
		Selection : "	

### **Test Failures**

Step	Reason for failure	Expected	Actual
11	Display message incorrect	<p>The cost of booking a Single room from 25-11-2018 for 1 nights is \$100.00</p> <p>Enter credit card details</p> <p>V:     Visa</p> <p>M:     MasterCard</p> <p>Enter hotel.credit card type selection:</p>	<p>The cost of hotel.booking a Single room from 25-11-2018 for 1 nights is \$100.00</p> <p>Enter hotel.credit card details</p> <p>V:     Visa</p> <p>M:     MasterCard</p> <p>Enter credit card type selection:</p>
12	Display message incorrect	Enter hotel.credit card number:	Enter credit card number:

## Script 2: Registered Guest, credit is refused, then enters a credit card that is authorised

### Script Description

- Registered guest books an available double room.
- Credit not authorized.
- New Credit card entered that is accepted.

### Testing Requirements

This test script covers the following specific testing requirements:

- A "double" room is available in the hotel.
- A guest with the phone number 2 is registered with the hotel.

### Setup

- Hotel created with HotelHelper class.

### Teardown

- None

### Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	Program launched	Selection screen displayed	P
2	input "b"	Display: "Enter phone number: "	P
3	input "2"	Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1 D: Double room, 2 T: Twin share, 3 Enter room type selection:	P
4	input "D"	Display: "Enter number of occupants: "	P
5	input "1"	Display: "Enter arrival date Enter day (dd): "	
6	input "11"	Display: "Enter month (mm): "	P
7	input "11"	Display: "Enter year (yyyy): "	P

8	input "2018"	Display: "Arrival Date: 25-11-2018 Enter length of stay:"	P
9	input "1"	Display: "The cost of booking a Double room from 11-11-2018 for 1 nights is \$200.00  Enter credit card details V:      Visa M:      MasterCard Enter credit card type selection:	F
10	input "v"	Display: "Enter credit card number: "	F
11	input "6"	Display: "Enter CCV:"	P
12	input "4"	Display: "Credit Not Authorized  Enter hotel.credit card details V: Visa M: MasterCard Enter credit card type selection:	F
13	input "v"	Display: "Enter credit card number: "	F
14	input "4"	Display: "Enter CCV:"	P
15	input "4"	Display: "Double room 201 is booked from 11-11-2018 for 1 nights by Fred. Visa Credit card number 4 has been debited \$200.00 Confirmation Number : 11102018201 Hit <enter> to continue"	P
16	input "<enter>"	Display: "Booking completed	P

		<p>Hotel Management System</p> <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 : "</p>	
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### **Test Failures**

Step	Reason for failure	Expected	Actual
9 and 12	Display message incorrect	<p>The cost of booking a Double room from 11-11-2018 for 1 nights is \$200.00</p> <p>Enter credit card details</p> <p>V: Visa</p> <p>M: MasterCard</p> <p>Enter hotel.credit card type selection:</p>	<p>The cost of hotel.booking a Double room from 11-11-2018 for 1 nights is \$200.00</p> <p>Enter hotel.credit card details</p> <p>V: Visa</p> <p>M: MasterCard</p> <p>Enter credit card type selection:</p>
10	Display message incorrect	Enter hotel.credit card number:	Enter credit card number:



## Script 3: Registered Guest, books unavailable room , then books another type of room

### Script Description

- Registered guest books an unavailable twin room.
- Then books another type of room (double).

### Testing Requirements

This test script covers the following specific testing requirements:

- A "double" room is available in the hotel.
- A "twin" room is unavailable in the hotel.
- A guest with the phone number 2 is registered with the hotel.

### Setup

- Hotel created with HotelHelper class.

### Teardown

- None

### Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	Program launched	Selection screen displayed	P
2	input "b"	Display: "Enter phone number: "	P
3	input "2"	Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1 D: Double room, 2 T: Twin share, 3 Enter room type selection:	P
4	input "T"	Display: "Enter number of occupants: "	P
5	input "1"	Display: "Enter arrival date Enter day (dd): "	
6	input "1"	Display: "Enter month (mm): "	P
7	input "1"	Display: "Enter year (yyyy): "	P

8	input "0001"	Display: "Arrival Date: 01-01-0001 Enter length of stay: "	P
9	input "1"	Display: "Twin share is not available between 01-01-0001 and 02-01-0001  Enter arrival date Enter day (dd): "	P
12	input "7"	Display: "Enter month (mm): "	P
13	input "1"	Display: "Enter year (yyyy): "	P
14	input "0001"	Display: "Arrival Date: 01-01-0001 Enter length of stay:"	P
15	input "1"	Display: "The cost of booking a Twin share from 07-01-0001 for 1 nights is \$300.00  Enter credit card details V:     Visa M:     MasterCard Enter credit card type selection:	F
19	input "v"	Display: "Enter credit card number: "	P
20	input "4"	Display: "Enter CCV:"	P
21	input "4"	Display: "Twin share 301 is booked from 07-01-0001 for 1 nights by Fred.  Visa Credit card number 4 has been debited \$300.00  Confirmation Number : 701301 Hit <enter> to continue"	F
22	input "<enter>"	Display: "Booking completed	P

		<p>Hotel Management System</p> <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 : "</p>	
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### ***Test Failures***

Step	Reason for failure	Expected	Actual
9	Incorrect format for confirmation number	<p>Twin share 301 is booked from 07-01-0001 for 1 nights by Fred.</p> <p>Visa Credit card number 4 has been debited \$300.00</p> <p>Confirmation Number : 07000001301</p> <p>Hit &lt;enter&gt; to continue</p>	<p>Twin share 301 is booked from 07-01-0001 for 1 nights by Fred.</p> <p>Visa Credit card number 4 has been debited \$300.00</p> <p>Confirmation Number : 701301</p> <p>Hit &lt;enter&gt; to continue</p>

## Script 4: Registered Guest, books unavailable room , then cancels

### Script Description

- Registered guest books an unavailable twin room.
- Booking is then cancelled.

### Testing Requirements

This test script covers the following specific testing requirements:

- A "twin" room is unavailable in the hotel.
- A guest with the phone number 2 is registered with the hotel.

### Setup

- Hotel created with HotelHelper class.

### Teardown

- None

### Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	Program launched	Selection screen displayed	P
2	input "b"	Display: "Enter phone number: "	P
3	input "2"	Display: "Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1 D: Double room, 2 T: Twin share, 3 Enter room type selection: "	P
4	input "T"	Display: "Enter number of occupants: "	P
5	input "1"	Display: "Enter arrival date Enter day (dd): "	
6	input "1"	Display: "Enter month (mm): "	P
7	input "1"	Display: "Enter year (yyyy): "	P

8	input "0001"	Display: "Arrival Date: 01-01-0001 Enter length of stay: "	P
9	input "1"	Display: "Twin share is not available between 01-01-0001 and 02-01-0001  Enter arrival date Enter day (dd): "	p
11	input ""	Display: "User reset at enter arrival day BookingUI: User cancelled at entering arrival date Booking cancelled  Hotel Management System  Please select:  B:      Book a Room C:      Check In R:      Record Service D:      Check Out  Q: Quit  Selection : "	P

### **Test Failures**

Step	Reason for failure	Expected	Actual

## Script 5: Registered Guest, credit is refused, booking is then cancelled.

### ***Script Description***

- Registered guest books an available double room.
- Credit not authorized.
- Booking Cancelled.

### ***Testing Requirements***

This test script covers the following specific testing requirements:

- A "double" room is available in the hotel.
- A guest with the phone number 2 is registered with the hotel.

### ***Setup***

- Hotel created with HotelHelper class.

### ***Teardown***

- None

### ***Script Steps***

Step #	Test Action	Expected Results	Pass / Fail
1	Program launched	Selection screen displayed	P
2	input "b"	Display: "Enter phone number: "	P
3	input "2"	Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1 D: Double room, 2 T: Twin share, 3 Enter room type selection:	P
4	input "D"	Display: "Enter number of occupants: "	P
5	input "1"	Display: "Enter arrival date Enter day (dd): "	
6	input "11"	Display: "Enter month (mm): "	P
7	input "11"	Display: "Enter year (yyyy): "	P

8	input "2018"	Display: "Arrival Date: 25-11-2018 Enter length of stay:"	P
9	input "1"	Display: "The cost of booking a Double room from 11-11-2018 for 1 nights is \$200.00  Enter credit card details V:      Visa M:      MasterCard Enter credit card type selection:	F
10	input "v"	Display: "Enter credit card number: "	F
11	input "6"	Display: "Enter CCV:"	P
12	input "4"	Display: "Credit Not Authorized  Enter credit card details V: Visa M: MasterCard Enter credit card type selection:	F
13	input ""	Display: "BookingUI: User cancelled at enter credit card type Booking cancelled  Hotel Management System  Please select:  B:      Book a Room C:      Check In R:      Record Service D:      Check Out	F

		Q: Quit	
		Selection : "	

### **Test Failures**

Step	Reason for failure	Expected	Actual
9	Display message incorrect	<p>The cost of booking a Double room from 11-11-2018 for 1 nights is \$200.00</p> <p>Enter credit card details</p> <p>V: Visa</p> <p>M: MasterCard</p> <p>Enter hotel.credit card type selection:</p>	<p>The cost of hotel.booking a Double room from 11-11-2018 for 1 nights is \$200.00</p> <p>Enter hotel.credit card details</p> <p>V: Visa</p> <p>M: MasterCard</p> <p>Enter credit card type selection:</p>
10	Display message incorrect	Enter hotel.credit card number:	Enter credit card number:
13	Display message incorrect	<p>BookingUI: User cancelled at enter credit card type</p> <p>Booking cancelled</p> <p>Hotel Management System</p> <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>BookingUI: User cancelled at enter hotel.credit card type</p> <p>Booking cancelled</p> <p>Hotel Management System</p> <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>



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