# Scenario #: Scenario Name

## Scenario Description

* Book a room via the Hotel Application

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 1.0 | 22/09/2018 | Corey Lovett-Hendrey | Initial Version |

## Test Scripts

The following scripts will cover this scenario:

* 1. Existing Guest books an available room
  2. New Guest books an available room
  3. Existing Guest attempts to book an unavailable room, then books another **type** of room
  4. Existing Guest attempts to book an unavailable room, then cancels
  5. Existing Guest credit is refused, then enters a credit card that is authorised
  6. Existing Guest credit is refused, then cancels

## Use Case

* “Hotel Book Room UC” use case. This is outlined in Hotel Book Room UC.doc, written by Dr. James Tulip.

## Test Components/Requirements

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

* Normal and other flows where a booking is successful
* A new booking is created and subsequent attempts to book that room at those times will fail
* The credit card entered is debited by the cost of the booking
* The booking can be found by the hotel using the confirmation number
* If new guest is registered
* Subsequent bookings initiated with the registered phone number will find that guest
* Booking Cancelled
* In all cases where the use case is cancelled, no booking shall be created and no charge against accredit card shall occur

## Script 1: Existing guest books an available room

### Script Description

* An existing guest books an available hotel room

### Testing Requirements

This test script covers the following specific testing requirements:

* A booking is created with the specified parameters

### Setup

* An existing user should be setup
* The existing guest is “Fred”, with an Address “Nurke” and phone number “2”
* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “2” and press return | Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “S” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 8 | Input “1” and press return | The cost of booking a Single room from 01-01-2001 for 1 nights is $100.00  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  displayed | P |
| 9 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 10 | Input “1” and press return | “Enter CCV: “ displayed | P |
| 11 | Input “1” and press return | Single room 101 is booked from 01-01-2001 for 1 nights by Fred.  Visa Credit card number 1 has been debited $100.00  Confirmation Number : 102001101  Hit <enter> to continue  displayed | P |
| 12 | Press return | Booking completed  Hotel Management System  Please select:  B: Book a Room  C: Check In  R: Record Service  D: Check Out    Q: Quit    Selection :  Displayed | P |

### Test Execution

|  |  |  |
| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:25PM | Corey Lovett-Hendrey | Passed |

## Script 2: New guest books an available room

### Script Description

* A new guest books an available hotel room

### Testing Requirements

This test script covers the following specific testing requirements:

* A new guest is registered
* A booking is created with the specified parameters

### Setup

* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “12” and press return | “Enter guest name: “ displayed | P |
|  | Input “TestName” and press return | “Enter guest address: “ displayed | P |
|  | Input “Fake” and press return | Name: TestName, Address: Fake, Phone: 12  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “D” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 8 | Input “1” and press return | The cost of booking a Double room from 01-01-2001 for 1 nights is $200.00  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  displayed | P |
| 9 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 10 | Input “1” and press return | “Enter CCV: “ displayed | P |
| 11 | Input “1” and press return | Double room 201 is booked from 01-01-2001 for 1 nights by TestName.  Visa Credit card number 1 has been debited 200.00  Confirmation Number : 102001201  Hit <enter> to continue  displayed | P |
| 12 | Press return | Booking completed  Hotel Management System  Please select:  B: Book a Room  C: Check In  R: Record Service  D: Check Out    Q: Quit    Selection :  Displayed | P |

### Test Execution

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| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:32PM | Corey Lovett-Hendrey | Passed |

## Script 3: Existing guest books unavailable room type 1

### Script Description

* An existing guest books an unavailable room type, then books another available room type

### Testing Requirements

This test script covers the following specific testing requirements:

* Room is unavailable then the user selects an available room
* A booking is created with the specified parameters

### Setup

* An existing user should be setup
* The existing guest is “Fred”, with an Address “Nurke” and phone number “2”
* A booking should be made with this guest. Single Room, Date 01-01-2001 for a length of 1 day.
* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “2” and press return | Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “S” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
|  | Input “1” and press return | Single room is not available between 2001-01-01 and 2001-01-02  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Displayed | P |
| 8 | Input “D” and press return | “Enter number of occupants:” displayed | P |
| 9 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 10 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 11 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 12 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 13 | Input “1” and press return | The cost of booking a Double room from 01-01-2001 for 1 nights is $200.00  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  displayed | P |
| 14 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 15 | Input “1” and press return | “Enter CCV: “ displayed | P |
| 16 | Input “1” and press return | Double room 201 is booked from 01-01-2001 for 1 nights by Fred.  Visa Credit card number 1 has been debited 200.00  Confirmation Number : 102001201  Hit <enter> to continue  displayed | P |
| 17 | Press return | Booking completed  Hotel Management System  Please select:  B: Book a Room  C: Check In  R: Record Service  D: Check Out    Q: Quit    Selection :  Displayed | P |

### Test Execution

|  |  |  |
| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:40PM | Corey Lovett-Hendrey | Passed |

## Script 4: Existing guest books unavailable room type 2

### Script Description

* An existing guest books an unavailable room type, then cancels their booking

### Testing Requirements

This test script covers the following specific testing requirements:

* Room is unavailable, then user cancels
* No booking is created

### Setup

* An existing user should be setup
* The existing guest is “Fred”, with an Address “Nurke” and phone number “2”
* A booking should be made with this guest. Single Room, Date 01-01-2001 for a length of 1 day.
* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “2” and press return | Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “S” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 8 | Input “1” and press return | Single room is not available between 2001-01-01 and 2001-01-02  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Displayed | P |
| 9 | Press Return | BookingUI: User cancelled at entering room type  Booking cancelled  Hotel Management System  Please select:  B: Book a Room  C: Check In  R: Record Service  D: Check Out    Q: Quit    Selection :  Displayed | P |

### Test Execution

|  |  |  |
| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:45PM | Corey Lovett-Hendrey | Passed |

## Script 5: Existing guest credit declined 1

### Script Description

* An existing guest books a room. Their credit card is declined, then they enter a valid credit card that is accepted.

### Testing Requirements

This test script covers the following specific testing requirements:

* A booking is created with the specified parameters
* Credit card initially declined, then accepted

### Setup

* An existing user should be setup
* The existing guest is “Fred”, with an Address “Nurke” and phone number “2”
* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “2” and press return | Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “S” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 8 | Input “1” and press return | The cost of booking a Single room from 01-01-2001 for 1 nights is $100.00  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  displayed | P |
| 9 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 10 | Input “6” and press return | “Enter CCV: “ displayed | P |
| 11 | Input “1” and press return | Credit Card could not be authorized  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  Displayed | P |
| 12 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 13 | Input “1” and press return | “Enter CCV: “ displayed | P |
| 14 | Input “1” and press return | Single room 101 is booked from 01-01-2001 for 1 nights by Fred.  Visa Credit card number 1 has been debited $100.00  Confirmation Number : 102001101  Hit <enter> to continue  Displayed | P |
| 15 | Press Return | Booking completed  Hotel Management System  Please select:  B: Book a Room  C: Check In  R: Record Service  D: Check Out    Q: Quit    Selection :  Displayed | P |

### Test Execution

|  |  |  |
| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:50PM | Corey Lovett-Hendrey | Passed |

## Script 6: Existing guest credit declined 2

### Script Description

* An existing guest books a room. Their credit card is declined, then they cancel

### Testing Requirements

This test script covers the following specific testing requirements:

* No booking is created
* Credit card initially declined, then the user cancels

### Setup

* An existing user should be setup
* The existing guest is “Fred”, with an Address “Nurke” and phone number “2”
* The program should be running, and “Book a Room” should have been chosen from the menu

### Teardown

* Booking should be removed from the application

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 |  | “Enter phone number:” displayed | P |
| 2 | Input “2” and press return | Name: Fred, Address: Nurke, Phone: 2  S: Single room, 1  D: Double room, 2  T: Twin share, 3  Enter room type selection:  displayed | P |
| 3 | Input “S” and press return | “Enter number of occupants:” displayed | P |
| 4 | Input “1” and press return | “Enter arrival date” “Enter day(dd):” displayed | P |
| 5 | Input “01” and press return | “Enter month (mm):” displayed | P |
| 6 | Input “01” and press return | “Enter year (yyyy):” displayed | P |
| 7 | Input “2001” and press return | “Arrival Date: 01-01-2001” “Enter length of stay:” displayed | P |
| 8 | Input “1” and press return | The cost of booking a Single room from 01-01-2001 for 1 nights is $100.00  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  displayed | P |
| 9 | Input “V” and press return | “Enter credit card number: “ displayed | P |
| 10 | Input “6” and press return | “Enter CCV: “ displayed | P |
| 11 | Input “1” and press return | Credit Card could not be authorized  Enter credit card details  V: Visa  M: MasterCard  Enter credit card type selection:  Displayed | P |
| 12 | Press return | 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    Q: Quit    Selection :  Displayed | P |

### Test Execution

|  |  |  |
| --- | --- | --- |
| Date/Time | Tester | Status |
| 09/22/2018 2:54PM | Corey Lovett-Hendrey | Passed |