TEST CASE

4.1 User Interface Test Cases  
These cases are designed for interactive testing of the BBMS through the user interface (UI), and require  
a testing team to verify.  
4.1.1 Specification ID: BBMS-UI-01  
Objective: The objective of this test case is to provide a black-box test for the Calendar portion of the  
user interface as required by section 3.1.1 of the SRS.  
Test Items: This test will emulate a manager utilizing the Calendar, Room Vacancy Status and Make  
Reservation capabilities in the CalendarLookup Entity.  
Input Specifications1. Click on a day within the calendar view  
2. Click on the arrow on the upper left-hand side of the calendar view  
3. Click on the arrow on the upper right-hand side of the calendar view  
4. Click on the button on the lower left-hand side of the calendar view  
5. Enter 1 July 2015  
6. Click on the button on the lower right-hand side of the calendar view  
7. Enter 10 July 2015  
8. Click on 4 July 2015  
9. Click on each Room option available in the upper right-hand panel  
10. Click Make Reservation button  
Output Specifications1. Calendar view highlights day selected  
2. Calendar displays previous month view  
3. Calendar displays the next month view  
4. Starting date option menu appears  
5. Calendar view begins with 1 July 2015  
6. Ending date option menu appears  
7. Calendar view ends with 10 July 2015  
8. Calendar view highlights 4 July 2015  
9. Panel highlights each Room as it is chosen  
10. Panel button reflects graphical response to action and initiates Room Reservation UI  
Environmental Needs1. Sufficient hard disk space to store increasing amounts of data.  
2. Working computer with a processor capable of executing multiple simultaneous commands.  
3. Mouse  
4. Keyboard  
5. Monitor  
6. Operating system with BBMS installed.  
Special Procedural RequirementsBBMS services will require manager's permissions starting in the CalendarLookup Entity.  
Inter-case DependenciesNone

4.1.1 Specification ID: BBMS-UI-01

**Objective:**

The objective of this test case is to provide a black-box test for the user to add information for a new guest.

**Test Items:**

This test will emulate the user adding a guest’s information to their database utilizing the newGuest, and newCardSwipe method.

**Input Specifications:**

1. Guest Information is selected
2. The Add button is selected
3. Click on first name to add first name
4. Client first name is entered
5. Click on last name to add last name
6. Client last name is entered
7. Click on address to add address
8. Client address is entered
9. Click on phone to add phone number
10. Client phone number is entered
11. Click on COF to add card number
12. Client card number is entered
13. Client swipes new credit card
14. Update Information is selected

**Output Specifications:**

1. Guest Information page is opened
2. Guest Information shows blanks
3. Keyboard appears
4. Client first name is saved
5. Keyboard appears
6. Client last name is saved
7. Keyboard appears
8. Client address is saved
9. Keyboard appears
10. Client phone number is saved
11. Keyboard appears
12. Client card number is saved
13. Client card number is saved
14. All client information is saved to database

**Environmental Needs:**

1. iPad with BnBAS installed
2. Square Stand with iPad attached
3. Power for Square Stand
4. Phone service for receiving calls
5. Wifi for iPad and Square Stand

4.1.2 Specification ID: BBMS-UI-02

**Objective:**

The objective of this test case is to provide a black-box test for the Make Reservation portion of the software.

**Test Items:**

This test will emulate the user setting up a new reservation with a new guest utilizing the checkAvailability, and setReservation methods.

**Input Specifications:**

1. Make Reservation/Hold is selected
2. Room number, start/end dates are added
3. Adjustment to cost is added (such as discounts)
4. If hold is requested, Days to Hold is filled, then Make Hold is selected
5. Payment has been made
6. If reservation is requested, Make Reservation is selected
7. See Calendar is selected

**Output Specifications:**

1. Selected guest information is populated, and Make Reservation screen appears
2. If the days and room are available, the Vacancy Available indicator will brighten. Cost to reserve and cost to hold are filled.
3. Cost to reserve/hold is updated
4. Goes to payment screen
5. Calendar fills a hold for those dates in that room
6. Goes to payment screen
7. Calendar fills a reservation for those dates in that room
8. Shows the calendar page

**Environmental Needs:**

1. iPad with BnBAS installed
2. Square Stand with iPad attached
3. Power for Square Stand
4. Phone service for receiving calls
5. Wifi for iPad and Square Stand

4.1.3 Specification ID: BBMS-UI-03

**Objective:**

The objective of this test case is to provide a black-box test for cancelling a reservation with the software.

**Test Items:**

This test will emulate the user cancelling a reservation utilizing the cancelReservation method.

**Input Specifications:**

1. Calendar is selected

2. The reservation that is to be cancelled has its cancel button pressed

3. Yes, is selected in confirmation page

**Output Specifications:**

1. Shows the calendar page

2. A confirmation prompt shows

3. The reservation is cancelled

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand

4.1.4 Specification ID: BBMS-UI-04

**Objective:**

The objective of this test case is to provide a black-box test for finding a returning guest with the software.

**Test Items:**

This test will emulate the user finding a guest utilizing the recallGuest method

**Input Specifications:**

1. Guest Information is selected

2. Search button is pressed

3. Name is entered

**Output Specifications:**

1. Shows the Guest Look-up page

2. Keyboard shows

3. Guest information is populated for the rest of the transaction showing previous reservations

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand

4.1.5 Specification ID: BBMS-UI-05

**Objective:**

The objective of this test case is to provide a black-box test for making a payment with the card on file

**Test Items:**

This test will emulate the user making a payment with the card on fileutilizing the recallGuest, and guestPayment methods.

**Input Specifications:**

1. Payment is selected

2. The reservation number is entered or auto-filled based on if new reservation is being made

3. Charge Amount is entered

4. Use Card on File is selected

**Output Specifications:**

1. Shows the payments page

2. Reservation # and Total Due are auto filled

3. If left blank, the full amount will be charged

4. Guest’s card on file is charged the Charge Amount

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand

4.1.6 Specification ID: BBMS-UI-06

**Objective:**

The objective of this test case is to provide a black-box test for making a payment with a new card swipe

**Test Items:**

This test will emulate the user making a payment with the card on fileutilizing the newCardSwipe using the integrated Square Stand.

**Input Specifications:**

1. Payment is selected

2. The reservation number is entered or auto-filled based on if new reservation is being made

3. Charge Amount is entered

4. Pay By Swipe is selected

**Output Specifications:**

1. Shows the payments page

2. Reservation # and Total Due are auto filled

3. If left blank, the full amount will be charged

4. Guest swipes card

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand

4.1.7 Specification ID: BBMS-UI-07

**Objective:**

The objective of this test case is to provide a black-box test for a guest checking out with the software.

**Test Items:**

This test will emulate the user checking a guest out utilizing the roomNeedsCleaning, guestExtraCharge, and checkout methods.

**Input Specifications:**

1. Checkout is selected

2. Name is entered

3. Extra Charge Amount is entered for any other charges

4. Complete Checkout is pressed

**Output Specifications:**

1. Shows the checkout page

2. Populates Reservation # and Total Due

3. If entered, Use Card on File and Pay by Swipe buttons become available

4. Guest is charged if Extra Charge Amount is not zero, the room from the reservation’s status changes to Room Needs Clean

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand

4.1.8 Specification ID: BBMS-UI-08

**Objective:**

The objective of this test case is to provide a black-box test seeing the room information within the software.

**Test Items:**

This test will emulate the user checking the room cleanliness and adding the cost to refresh room. This will utilize the roomExtraCharges, roomNeedsCleaned, and expenseForRoom methods

**Input Specifications:**

1. Room Information is selected

2. Cost to clean/restock is entered

3. Room cleaned/Restocked is pressed

**Output Specifications:**

1. Shows the room information page

2. Accepts the cost and adds to expenses database

3. Room is Clean illuminates, and the room can be allowed for a new reservation

**Environmental Needs:**

1. iPad with BnBAS installed

2. Square Stand with iPad attached

3. Power for Square Stand

4. Phone service for receiving calls

5. Wifi for iPad and Square Stand