| **Test Name** | | | TestConfirmationNumber | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Check in - Hotel | | | |
| **Test Description:** | | | This test will demonstrate the possibilities of failing/passing of the conditions to ConfirmationNumber | | | |
| **Pre-conditions** | | | * Main Menu will be displayed * A Prompt should be appeared for the user to enter a keyboard input | | | |
| **Post-conditions** | | | * Confirmation successfully saved to a Long variable | | | |
| **Notes:** | | **First Test** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Prompt user to enter confirmation Number: xxxxx | | | An Error message should be displayed if the entered string is Empty | X |  |
|  | Prompt user to enter confirmation Number: xxxxx  Validate the number entered is a numerical or < 0 | | | An Error message should be displayed if not numerical | X |  |

| **Test Name** | | | Test ConfirmationNumberEntered | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Check in - Hotel | | | |
| **Test Description:** | | | Before going further, a test should be done to identify the current state the program in | | | |
| **Pre-conditions** | | | * Confirmation Number should successfully have entered without any errors. | | | |
| **Post-conditions** | | | * Program step in to the next condition after this test done. | | | |
| **Notes:** | | **Second Test** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Check whether the state is equals to CHECKIN.  *Ex: state! = state.CHECKIN{*  *}* | | | If true, Program continues properly. And if not show a runtime Exception | X |  |

| **Test Name** | | | Test findBookingByConfirmationNumber | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Check in - Hotel | | | |
| **Test Description:** | | | Get booking details using the entered ConfirmationNumber. | | | |
| **Pre-conditions** | | | * First two tests should be completed. | | | |
| **Post-conditions** | | | * If any booking details regarding the given confirmationNumber is stored in the system, should retrieve them back successfully. | | | |
| **Notes:** | | **Third Test** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | If no booking has found to the given ConfirmationNumber | | | Should give an error and the state remain as CHECKIN | X |  |
|  | If booking details have been found:  Check whether the booking is ‘IsPending’ or ‘IsCheckedOut’ | | | Display a message saying ‘Booking has already been checked in’ or ‘Booking’ has already been checked out"’ | X |  |
|  | Check whether the booked room is *VacantDirty* or Not;  And if not; check if the room is *VacantClean* or *InspectionRequired* room by a supervisor | | | If *VacantDirty* should give an error message  If *VacantClean* program continues with checkin details  If *InspectionRequired* should give a Warning Message | X  X | X |
|  | If the booked room is ready | | | All the details should retrieve:  Ex: Room Description/ Room Id/ ArrivalDate/ StayLength, Guest details and Card Details | X |  |
|  | Ask a confirmation question before submitting fully.  “Are you sure you want to checkin?” | | | If type ‘Y’ for yes, the program saves the booking as a checkin and if typed ‘N’ as No, an error message will be displayed. | X |  |
|  | Check the current State | | | If state = ‘CHECKING’ it should change to ‘CONFIRMING’ | X |  |
|  | Test particular room’s status after successfully checkin. | | | Room’s status should be changed to ‘OCCUPIED |  | X |

| **Test Name** | | | Test checkInConfirmed | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Check in - Hotel | | | |
| **Test Description:** | | | To test confirmation of the check in use case. | | | |
| **Pre-conditions** | | | * State should be changed to ‘CONFIRMING’ state. * All the booking details should be saved and booked room should be removed from the available room list (Available vacant clean room list) | | | |
| **Post-conditions** | | | * Checkin successfully completed and Room state should be updated to OCCUPIED. * Booking states changed to ‘CHECKED\_IN’ | | | |
| **Notes:** | | **Forth Test** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Test the current state of the project | | | If state = ‘CHECKED\_IN then continue with the rest of the application and, display a message | X |  |

| **Test Name** | | | Test checkInConfirmed | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Check in - Hotel | | | |
| **Test Description:** | | | To test confirmation of the check in use case. | | | |
| **Pre-conditions** | | | * State should be changed to ‘CONFIRMING’ state. * All the booking details should be saved and booked room should be removed from the available room list (Available vacant clean room list) | | | |
| **Post-conditions** | | | * Checkin successfully completed and Room state should be updated to OCCUPIED. * Booking states changed to ‘CHECKED\_IN’ | | | |
| **Notes:** | | **Forth Test** | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Test the current state of the project | | | If state = ‘CHECKED\_IN then continue with the rest of the application and, display a message | X |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| Test 1 | null | null | 123456789: PASS | - | - |
| Test 2 | sdsasd | Sdsasd1234 | -8764 | 123456789: PASS | - |
| Test 3: State Value = | PENDING | FINISH | COMPLETED | CHECKED\_OUT | CHECKIN: PASS |
| Test 4: | Invalid No | Invalid No | Invalid No | Invalid No | Valid No: PASS |
| Test 5: Check booking | IsBook | IsPending: PASS | IsCheckedOut: PASS | - | - |
| Test 6 & 7: Room condition | VacantDirty: PASS | VacantClean: PASS | Other | - | - |
| Test 8 | X | T | YES | Y: PASS | N: PASS |
| Test 9: Check state | PENDING | COMPLETED | CHECKED\_OUT | BOOKING: PASS | BOOKING: PASS |
| Test 10: Room Status | OCCUPIED: PASS | - | - | - | - |