

# **Hotel Management Application Test Description**

**May 21, 2021**

**Prepared for**  
**CPSC 463 Software**  
**Testing**  
**Professor Daniel Rodgers**

**Prepared by**  
**Bradley Vo**  
**Jorge Diaz**  
**Yi Wei Lee**  
**Phillip Presuel**

## TABLE OF CONTENTS

### Contents

1.0	SCOPE	1
1.1	Identification	1
1.2	System Overview	1
1.3	Document Overview	1
2.0	Test Description	1
2.1	Display All Hotel Rooms and Their Status	2
2.1.1	Test Case 1.1: Show All Hotel Rooms	2
2.1.2	Test Case 1.2: Properly display status and type of room	3
2.2	Display Guests Who are Staying	4
2.2.1	Test Case 2.1: Show Guests Who Stay next Week	4
2.2.2	Test Case 2.2: Properly handling rooms that are not booked	4
2.3	Reservation screen	4
2.3.1	Test Case 3.1: Allows reservations to be entered into the system`	5
2.3.2	Test Case 3.2: Current reservations with relevant information are displayed	6
2.4	Housekeeping screen	8
2.4.1	Test Case 4.1: List of dirty rooms is displayed	9
2.4.2	Test Case 4.2: Necessary dirty room information is displayed	10
2.5	Display guest profile screen to show guest information	11
2.5.1	Test Case 5.1: Display guest information	11
2.5.2	Test Case 5.2: Edit guest information	11
2.6	Display Current stay screen showing a guest's information for their current stay	12
2.6.1	Test Case 6.1: Display Current stay screen showing all guests' for their current stay	13
2.6.2	Test Case 6.2: Showing specific guest's information and can edit payment	14
2.7	Search for a Guest Functionality	15
2.7.1	Test Case 7.1: Show Guest(s) with name that was searched	15
2.7.2	Test Case 7.2: Searching a Guest that is not in the system	16
2.8	Daily Report Functionality	16
2.8.1	Test Case 8.1: Correct Information is displayed for daily report	17
2.8.2	Test Case 8.2: Report refreshing	18

## 1.1 SCOPE

### 1.2 Identification

Hotel Management Application 1.0

### 1.3 System Overview

This hotel management application will be a web application which runs by any web browsers such as Firefox, Google Chrome... This web application is created for and is sponsored by Atares Hotel management Company personnel. This web application has three phases:

1. Front-end Design
2. Back-end Design
3. Testing

### 1.4 Document Overview

This document describes all the test preparations, test cases, and test procedures that we have performed qualification testing of our hotel management application.

## 2.0 TEST DESCRIPTIONS

Test cases were developed around the specific capabilities that were assigned to us, based on the project guidelines that were given to us in the outset of this project being assigned. The following sections will primarily focus on test cases that thoroughly test the capabilities based on how the project guidelines dictate the functionalities operate, whether that be testing specific functions that were asked of us and so forth. System requirements are not specifically stated in each test case but are covered by the basic assumption that us as testers were able to access some of the very few tools necessary to run our application and properly perform each test case. General testing across different environments, and similar concepts, are covered by the fact that not every tester used the same internet browser. However, other general testing that isn't covered by similar parameters was not specifically worked with.

### 2.1 Show all rooms and their status

**Capability 1:** The Hotel management application allows a hotel staff to view all the hotel rooms each room has room's number, type, status.

#### 2.1.1 Test Case 1.1: Show all rooms and their status

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-011	<b>Test Item:</b> Show all rooms and their status
<b>Test Case Description:</b> Verify that the application shows a table of all the hotel rooms and room information.	
Prerequisites	
<b>Required Interfaces:</b> A web browser - Firefox.	

<b>Preconditions:</b>			
1. Successful logged in the application with username: Bradley and password: BBed-234-@#we			
2. Hotel dashboard page is successfully rendered.			
3. Room table in the database has been populated with hotel room information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Show All Rooms”	Room table with room number, room type, available, status, rate per day columns is shown. Each row is each room with its information.	P
<b>Results</b>			
PASSED:✓      FAILED:			
<b>Tester’s Name:</b> <i>Bradley Vo</i>		<b>Date/Time:</b> <i>2021-05-07 10:17PM</i>	<b>Actual time to complete:</b> <i>3 minutes</i>
<b>Comments:</b> The search room textfield is needed to highlight a specific room when a staff types in the room number.			

### 2.1.2 Test Case 1.2: Properly displays status and type of room

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-012		Test Item: Room status and type	
Test Case Description: Verify the application is accurately displaying the room status and type, accurate to project specifications. Possible status values can be Available, Unavailable/Occupied, Unavailable/Dirty, or Unavailable/Maintenance. Room type can be King (K), Double Queen (DQ), Double Queen with Kitchen (DQK), or Suite (S).			
Prerequisites			
Required Interfaces: A web browser - Microsoft Edge.			
Preconditions:			
1. Successfully logged in the database application page, to reference what would be correct values.			
2. Hotel dashboard page is successfully rendered.			
3. Room table in the database has been populated with hotel room information.			
4. The application is correctly connected to the database and displaying correct information			
Step #	User Action	Expected Result	Pass = P Fail = X

1.	Click on “Show All Rooms”	Room table with room number, room type, available, status, rate per day columns is shown. Each row is each room with its information.	P
2.	Verify room information displayed	Verify room number, available, and rate per day columns are populated with valid information. Most importantly, is the status and type populated by valid values, valid being defined as in line with project requirements.	P

Results				
PASSED: All      FAILED: None				
Tester's Name: Phillip Presuel		Date/Time: 2021-05-18 11:45AM		Actual time to complete: 5 minutes
Comments: There is currently at least one room displaying every possible type and status, photo shown below.				
Room Number	Room Type	Available	Status	Rate Per Day
A123	King	No	Occupied	\$39.89
A339	Double Queen	No	Dirty	\$55.55
B13	Suite	Yes	Dirty	\$99.99
B2	King	Yes	Available	\$99.99

## 2.2 Display Guests Who are Staying

**Capability 2:** The Hotel management application allows a hotel staff to view hotel rooms scheduled with staying guests for the next 7 days.

### 2.2.1 Test Case 2.1: Show Guests Who Stay next Week

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-021	<b>Test Item:</b> Show Guests Who Stay next Week
<b>Test Case Description:</b> Verify that a room schedule for next week is displayed correctly according to the database.	
Prerequisites	
<b>Required Interfaces:</b> a web browser - Firefox	

<b>Preconditions:</b> <ol style="list-style-type: none"> <li>1. Successful logged in the application with username: Bradley and password: BBed-234-@#we</li> <li>2. Hotel dashboard page is successfully rendered.</li> <li>3. Room table in the database has been populated with all hotel room information.</li> <li>4. Guest table in the database has been populated with guest information.</li> <li>5. Room reservations have been made.</li> </ol>			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Rooms Next 7 Days”	Room schedule for the next 7 days with names of the guests who are staying is shown. Each row has a room number and guest name.	P

Results		
PASSED:✓      FAILED:		
<b>Tester’s Name:</b> <i>Bradley Vo</i>	<b>Date/Time:</b> <i>2021-05-08</i> <i>10:22 AM</i>	<b>Actual time to complete:</b> <i>5 minutes</i>
<b>Comments:</b> The room schedule table is simple but good enough for this task		

### 2.2.2 Test Case 2.2: Properly handling rooms that are not booked

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-022	<b>Test Item:</b> Rooms next 7 days’ reservation handling
<b>Test Case Description:</b> Verify that the application is handling rooms with no reservations, in the “Rooms Next 7 Days” tab, correctly. Handling this correctly would entail that the room row is blank and not populating information, because it is not booked, where appropriate.	
Prerequisites	
<b>Required Interfaces:</b> A web browser - Microsoft Edge.	
<b>Preconditions:</b> <ol style="list-style-type: none"> <li>1. Successfully navigated to the database management page.</li> <li>2. Hotel dashboard page is successfully rendered.</li> <li>3. Room table in the database has been populated with all hotel room information.</li> <li>4. Guest table in the database has been populated with guest information.</li> <li>5. Room reservations have been made.</li> </ol>	

6. Website/Application is connected to the database and displaying the correct information.								
Step #	User Action			Expected Result			Pass = P Fail = X	
1.	Click on “Show All Rooms”			Room table with room number, room type, available, status, rate per day columns is shown. Each row is each room with its information.			P	
2.	Analyze if the application is correctly dealing with rooms with no reservations made			Rooms with no reservations made are blank, when looking at room related information and their respective rows and columns.			P	
Results								
PASSED: All      FAILED: None								
Tester’s Name: <i>Phillip Presuel</i>			Date/Time: <i>2021-05-18 12:04 AM</i>			Actual time to complete: <i>5 minutes</i>		
Comments: There is no unexpected behavior on Rooms Next 7 Days tab, an example is included below.								
Room	Tue	Wed	Thu	Fri	Sat	Sun	Mon	
B13								
B2								
B3								
B30								
B300								
B342	Julie	Julie	Julie	Julie	Julie	Julie	Julie	

## 2.3 Reservation screen

**Capability 3:** A reservation screen to make reservations and showing a list of all reservations currently in the system. There will be fields for the Guest First Name, Guest Last Name, date to check in, date to check out, Room Type, with a button to check availability once the information is entered. A field for daily rate and total charge will show if the room is available. This screen will also have the option to list all reservations in the system with reservation information.

### 2.3.1 Allows reservations to be entered into the system

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-031	<b>Test Item:</b> Reservation screen’s capability to make reservations

<b>Test Case Description:</b> Verify that the application allows the user to input new reservations into the system. This would mean that the database is actively being updated when a user wants to make any changes to reservations. This functionality should also account for the user inputting the necessary reservation information when trying to add a reservation.			
<b>Prerequisites</b>			
<b>Required Interfaces:</b> A web browser - Microsoft Edge.			
<b>Preconditions:</b> <ol style="list-style-type: none"> <li>1. Successfully navigated to the database management page, to confirm the displayed information is accurate.</li> <li>2. Hotel dashboard page is successfully rendered with the Reservations tab selected..</li> <li>3. Database backend work is successfully accessed and up to date.</li> <li>4. A live connection between the application and the database backend is present.</li> </ol>			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on the “Reservations” tab	A webpage with current reservation information is populated. There should also be elements that would enable reservation making, editing, and other necessary functions.	P
2.	Proceed to interact with the elements in effort to make a reservation	Hitting the add reservation button should trigger window, page, or any other user interactable that would allow a user to add a reservation to the system.	X
<b>Results</b>			
PASSED: None FAILED: All			
<b>Tester’s Name:</b> <i>Phillip Presuel</i>		<b>Date/Time:</b> <i>2021-05-18 12:04 AM</i>	<b>Actual time to complete:</b> <i>5 minutes</i>
<b>Comments:</b> The capability is not functional. The user elements are in place but there is no “tangible” functionality to the elements. For example, clicking the add reservation button does not trigger the appropriate response. There is only the shell for the functionality and no working portion on the backend as of yet. A screenshot of the current implementation and the user elements that are implemented is included below.			



# Reservations

Add Reservation

Delete Reservation

Current Reservations:

Guest First Name	Guest Last Name	Reservation Made	Date In	Date Out	Room Type	Room Number	Rate	Amount Paid

### 2.3.2 Current reservations with relevant information are displayed

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-032		Test Item: Reservation screen’s capability to show current reservations in the system	
Test Case Description: Verify that the application displays all current reservations in the system on this page. The list should display all reservations with the appropriate information regarding those reservations as defined in the project specifications. The displayed necessary information should include Guest First Name, Guest Last Name, Date Made, Date Checkin, Date Checkout, Room Type, Rate (\$/Day), and Total Charge.			
Prerequisites			
Required Interfaces: A web browser - Microsoft Edge.			
Preconditions: 1. Successfully navigated to the database management page, to confirm the displayed information is accurate. 2. Hotel dashboard page is successfully rendered with the Reservations tab selected. 3. Database backend work is successfully accessed and up to date. 4. A live connection between the application and the database backend is present.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on the “Reservations” tab	A webpage with current reservation information is populated. There should also be elements that would enable reservation making, editing, and other necessary functions.	P
2.	Proceed to the bottom of the page where there should be access to the current reservations in the system and their necessary information, again, dictated by project guidelines.	There should be some sort of table, graph, or any other user interactable that displays all current reservations in the system. This reservation display should also include all relevant information about the reservation that was laid out in the project specifications.	X
Results			

PASSED: None    FAILED: All								
<b>Tester's Name:</b> <i>Phillip Presuel</i>			<b>Date/Time:</b> <i>2021-05-18 12:30 AM</i>			<b>Actual time to complete:</b> <i>5 minutes</i>		
<b>Comments:</b> Similar to the last test case regarding this capability, the capability is not functioning as expected. There is a table that is being generated with all the appropriate information fields that were asked for in the project specifications. However, the table does not seem to be populating with the information that would be in the database. Similar to the last test case, there seems to be all the superficial elements(front-end elements) working to implement this capability without successful backend implementation. The nature of the page's behavior would suggest that there are errors in the database connections, database queries, or a similar error of this nature. I would tend to think that a successful connection to the database was not able to be made because the table never populated. Again, I will include a screenshot below.								
Current Reservations:								
Guest First Name	Guest Last Name	Reservation Made	Date In	Date Out	Room Type	Room Number	Rate	Amount Paid

## 2.4 Housekeeping screen

**Capability 4:** This screen shows a list of all dirty rooms. This capability should also display the following necessary information for each room: Housekeeper Name, Room number, Room Type, Room Status, Bathroom, Towels, Bed Sheets, Vacuum, Dusting, and Electronics. This information is required as per the project guidelines.

### 2.4.1 Test Case 4.1: List of dirty rooms is displayed

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-041	<b>Test Item:</b> Housekeeping's capability to display all dirty rooms
<b>Test Case Description:</b> Verify that the application allows the user to view all dirty rooms that are currently accounted for in the system. This capability is implemented on the housekeeping screen and does not include any editable elements or so forth. This capability is used simply to display information.	
Prerequisites	
<b>Required Interfaces:</b> A web browser - Microsoft Edge.	
<b>Preconditions:</b> <ol style="list-style-type: none"> <li>1. Successfully navigated to the database management page, to confirm the displayed information is accurate.</li> </ol>	

2. Hotel dashboard page is successfully rendered with the Housekeeping tab selected..
3. Database backend work is successfully accessed and up to date.
4. A live connection between the application and the database backend is present.

Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on the “Housekeeping” tab	A webpage with the current dirty room information should be presented to the user. There should be some sort of user display that allows the user to view all dirty rooms currently in the system.	P
2.	Verify expected behavior is taking place and a list of the dirty rooms is being populated	The webpage should accurately reflect the data for dirty rooms, and housekeeping in general, that is currently in the database. The user should be able to access all the necessary housekeeping information without interruption.	X

### Results

PASSED: None FAILED: All

**Tester’s Name:**

*Phillip Presuel*

**Date/Time:**

*2021-05-18  
1:00 PM*

**Actual time to complete:**

*5 minutes*

**Comments:** Like the last capability, the necessary backend components do not seem to be implemented fully or they appear to be defective. The housekeeping page does build the necessary tables to display the necessary information, as per the revised guidelines, and there is a button to allow editing of the Housekeeping fields. This again being part of the latest project requirements, but there is still no working functionality. Like the previous capability, the table with proper elements is ready but not populating with the correct values. This would suggest another error is being made in connecting the page to the database, querying, or other errors similar in nature. The frontend is implemented but there is no working functionality to use the successful elements. A photo of these elements will be included below.

### Housekeeping

Edit Housekeeping

Current Reservations:

Room Number

Dirty

Clean

Bathroom

Towels

## 2.4.2 Test Case 4.2: Necessary dirty room information is displayed

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-042		Test Item: Housekeeping’s capability to display necessary information of its dirty rooms	
Test Case Description: Verify that the application allows the user to view all dirty rooms and their relevant pieces of information. This capability is implemented on the housekeeping screen and does allow for editing of the respective fields, as per the latest project guidelines given. Thus, the data fields displayed are that of the latest requirements as well. This capability is slightly modified from the original guidelines and requirements.			
Prerequisites			
Required Interfaces: A web browser - Microsoft Edge.			
Preconditions: 1. Successfully navigated to the database management page, to confirm the displayed information is accurate. 2. Hotel dashboard page is successfully rendered with the Housekeeping tab selected.. 3. Database backend work is successfully accessed and up to date. 4. A live connection between the application and the database backend is present.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on the “Housekeeping” tab	A webpage with the current dirty room information should be presented to the user. There should be some sort of user display that allows the user to view all dirty rooms currently in the system.	P
2.	Verify expected behavior is taking place after the list of dirty rooms is populated	The webpage should accurately reflect the data for dirty rooms. The fields should now reflect the latest project guidelines that were modified. Thus, this page should now allow for editing of the housekeeping values and facilitate these actions.	X
Results			
PASSED: None    FAILED: All			
Tester’s Name: Phillip Presuel		Date/Time: 2021-05-18 1:30 PM	Actual time to complete: 5 minutes
Comments: Similar to the latest capabilities, this capability is not fully functional. There appears to be the beginnings of correct implementation, the frontend is there to allow this capability to function properly. There is a button and a table to facilitate the expected behaviors but they are not fully functional. Again, a table is being built but not populated. The necessary data fields are not being			

populated and not accurately reflecting the current data in the database. As mentioned beforehand, because the table is being built but not populated, I believe that there are errors in the page's connection to the database. The page is not successfully reaching, loading, editing, or having any expected behavior with the data in the database. I will include a screenshot for reference below.

Housekeeping

Edit Housekeeping

Current Reservations:

Room Number	Dirty	Clean	Bathroom	Towels
-------------	-------	-------	----------	--------

## 2.5 Display guest profile screen to show guest information

**Capability 5:** The Hotel management application allows a hotel staff to view all the guest information, each information having First name, Last name, phone number, Address, Email, Vehicle License and also can edit the guest information.

### 2.5.1 Test Case 5.1: Display guest information

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-051		Test Item: Display guest information	
Test Case Description: View and verify guest information of a all guest			
Prerequisites			
Required Interfaces: A web browser - Firefox.			
Preconditions:			
1. Successful logged in the application with username: Bradley and password: BBed-234-@#we			
2. Hotel dashboard page is successfully rendered.			
3. The Guest table in the database has been populated with guest information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “guest information”	Table with First name, Last name, phone number, Address, Email, Vehicle License is shown. Each row is each guest with its information	P
Results			
PASSED: 1      FAILED:			

<b>Tester's Name:</b> <i>Yi Wei Lee</i>	<b>Date/Time:</b> <i>2021-05-15</i> <i>7:00 AM</i>	<b>Actual time to complete:</b> <i>5 minutes</i>
<b>Comments:</b> The guest information table is simple but good enough for this task. Also I add		

## Guests Information

First Name	Last Name	phone number	Address	E-mail	State ID	Vehicle License	Edit the information
Julie	Smith	714-999-9999	1122 Dale St, Garden Grove, CA	email@gmail.com	CA1234	SH32314	<a href="#">edit</a>
Bradley	Vo	714-555-5555	1122 Dale St, Garden Grove, ZA	bradleyvo@gmail.com	ZA343	BD2394	<a href="#">edit</a>
Van	Le	714-333-3333	1122 Dale St, Garden Grove, AZA	vananhle@gmail.com	AZ543	CF5334	<a href="#">edit</a>

### 2.5.2 Test Case 5.2: Edit guest information

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-052		Test Item: Edit guest information	
Test Case Description: View and verify guest information and edit guest information.			
Prerequisites			
Required Interfaces: A web browser - Firefox.			
Preconditions:			
1. Successful logged in the application with username: Bradley and password: BBed-234-@#we			
2. Hotel dashboard page is successfully rendered.			
3. The Guest table in the database has been populated with guest information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “guest information”	Table with First name, Last name, phone number, Address, Email, Vehicle License is shown. Each row is each guest with its information	P
2.	Click on “Edit”	Table will make the information become text format and the user can edit different information	P
3.	Click on “Update”	The information that the user changes will update to the database and show in the original page.	X
Results			
PASSED: 1,2      FAILED: 3			
Tester’s Name:		Date/Time:	Actual time to complete:
Yi Wei Lee		2021-05-15	5 minutes

7:10 AM

**Comments:** This capability is not fully functional. The application might work in the correct method, in the front-end page there is an edit button that can click, when clicking on it will connect to a page that can edit guest information, then click update will update the new information to the database. Thus I add a screenshot for reference below.

### Edit Guest information

First Name	Last Name	phone number	Address	E-mail	State ID
Julie	Smith	714-999-9999	1122	email@gmail.com	CA1234
Bradley	Vo	714-555-5555	1122	bradleyvo@gmail.com	ZA343
Van	Le	714-333-3333	1122	vananhle@gmail.com	AZ543
David	Dang	714-222-2222	1122	daviddang@gmail.com	TX765

## 2.6 Display Current stay screen showing a guest's information for their current stay

**Capability 6:** The Hotel management application allows a hotel staff to view all the guest information, each information having Name, Check in day, Check out day, Room type, Room number, Room rate(\$/Day), Total charge, Payments Made, and Balance.

### 2.6.1 Test Case 6.1: Display Current stay screen showing all guests' for their current stay

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-061		Test Item: Display Current stay screen showing a guest’s current stay	
Test Case Description: View and verify guest current stay for all guests.			
Prerequisites			
Required Interfaces: A web browser - Firefox.			
Preconditions:			
1. Successful logged in the application with username: Bradley and password: BBed-234-@#we			
2. Hotel dashboard page is successfully rendered.			
3. The table in the database has been populated with stay information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Guest stay”	Table with Name, Check in day, Check out day, Room type,Room number, Room rate(\$/Day), Total charge, Payments Made, and Balance is shown. Each row is each guest with its information	P
Results			
PASSED: 1      FAILED:			
Tester’s Name: Yi Wei Lee		Date/Time: 2021-05-16 8:00 AM	Actual time to complete: 5 minutes

**Comments:** The current stay table is simple but good enough for this task.

### Guests Stay

Name	Check in day	Check out day	Room Type	Room number	Room Rate (\$/Day)	Total Charge	Payments Made	Balance
Julie Smith	2021-05-17 3:00	2021-06-09 11:00	King	B342	99.99	2299.77	88.56	2211.21
Bradley Vo	2021-05-10 3:00	2021-05-25 11:00	Queen	C22	99.99	1499.85	77.56	1422.29
Van Le	2021-05-25 3:00	2021-06-03 11:00	Suite	B300	99.99	899.91	76.56	823.35
David Dang	2021-05-20 3:00	2021-06-19 11:00	Double Queen	C21	99.99	0	77.56	-77.56

#### 2.6.2 Test Case 6.2: Showing specific guest's information and can edit payment

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-062		Test Item: Click guest name show the table in Capability 5	
Test Case Description: Show all guests current stay and when user clicks specific guest it will show guest’s information			
Prerequisites			
Required Interfaces: A web browser - Firefox.			
Preconditions: 1. Successful logged in the application with username: Bradley and password: BBed-234-@#we 2. Hotel dashboard page is successfully rendered. 3. The table in the database has been populated with stay information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Guest stay”	Table with Name, Check in day, Check out day, Room type,Room number, Room rate(\$/Day), Total charge, Payments Made, and Balance is shown. Each row is each guest with its information	P
2.	Click on guest name	Table will show the guest information from Capability 5, such as, First name, Last name, phone number, Address, Email, Vehicle License	X
Results			
PASSED: 1      FAILED: 2			
Tester’s Name: Yi Wei Lee		Date/Time: 2021-05-16 9:00 AM	Actual time to complete: 5 minutes
Comments: This capability is not fully functional. The application might make the guest name become a button and connect to another page that shows guest information, but I miss up the capability detail, so next time I will double check the requisition that makes sure the capability detail			



is clear.

### 2.6.3 Test Case 6.3: Display Current stay screen and can edit payment

Hotel Management Application Version 0.1.0 Test Case			
Test Case ID: T-063		Test Item: Click edit in the last table that can edit the payment	
Test Case Description: Click the edit in the table that can edit the guest payment and balance			
Prerequisites			
Required Interfaces: A web browser - Firefox.			
Preconditions:			
1. Successful logged in the application with username: Bradley and password: BBed-234-@#we			
2. Hotel dashboard page is successfully rendered.			
3. The table in the database has been populated with stay information.			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Guest stay”	Table with Name, Check in day, Check out day, Room type,Room number, Room rate(\$/Day), Total charge, Payments Made, and Balance is shown. Each row is each guest with its information	P
2.	Click on “Edit”	Table will make the payment and balance part become text format and the user can edit different information.	X
3.	Click on “Update”	The information that the user changes will update to the database and show in the original page	X
Results			
PASSED: 1      FAILED: 2,3,			
Tester’s Name: Yi Wei Lee		Date/Time: 2021-05-16 9:10 AM	Actual time to complete: 5 minutes
Comments: This capability is not fully functional. The application might do just similar with last capability, in the front-end page there is an edit button that can click, when clicking on it will connect to a page that can edit payment, then click update will update the new information to the database.			

### 2.7 Show all rooms and their status

**Capability 7.1:** The Hotel management application allows a hotel staff to search for a guest that is either currently staying or previously stayed.

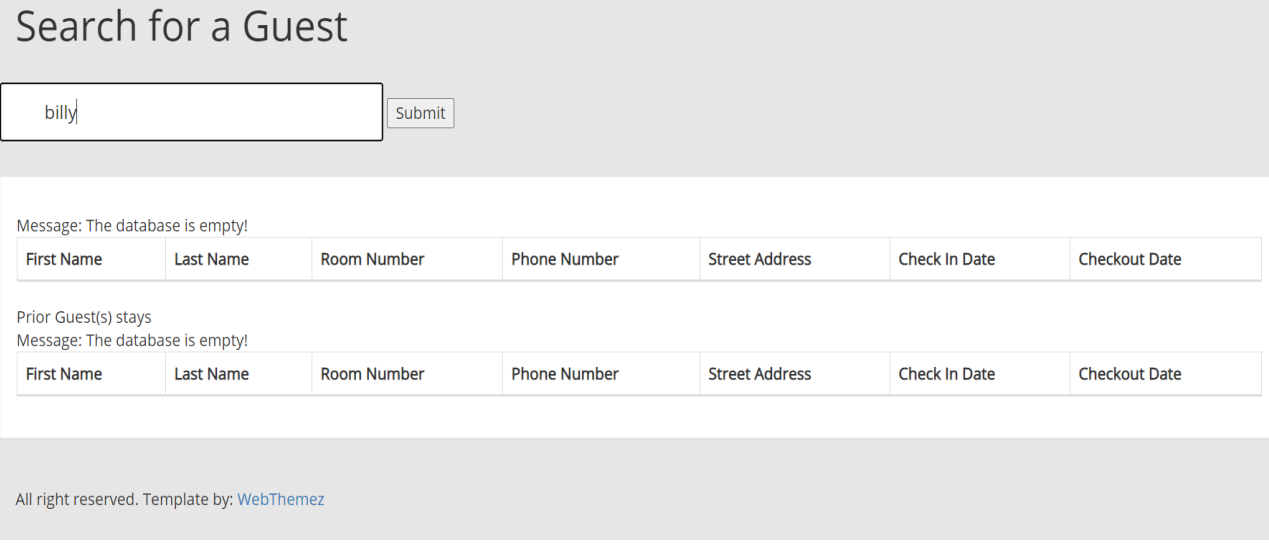
#### 2.7.1 Test Case 7.1: Correct guest appears when searched

Hotel Management Application Version 0.1.0 Test Case
--

<b>Test Case ID:</b> T-071		<b>Test Item:</b> Show Guest(s) with name that was searched																																				
<b>Test Case Description:</b> Verify that the application shows the correct guest with the following information: Guest First Name, Guest Last Name, Room Number, Check-In Date, Checkout Date.																																						
<b>Prerequisites</b>																																						
<b>Required Interfaces:</b> A web browser - Firefox, Google Chrome.																																						
<b>Preconditions:</b> 1. Successful logged in the application with username: Bradley and password: BBed-234-@#we 2. Hotel dashboard page is successfully rendered. 3. Guests table and Prior Guests table in the database have been populated with proper information.																																						
<b>Step #</b>	<b>User Action</b>	<b>Expected Result</b>	<b>Pass = P Fail = X</b>																																			
1.	Click on “Search for a Guest”	A new page will appear with a text box prompting the user to enter a Guest’s first name.	P																																			
2.	Enter name to be searched. Ex. “Julie”	Guest’s information will appear on screen, with all prior stays if applicable.	P																																			
<b>Results</b>																																						
PASSED: All Tests Passed      FAILED: None																																						
<b>Tester’s Name:</b> Jorge Diaz		<b>Date/Time:</b> 2021-05-17 12:14PM	<b>Actual time to complete:</b> 5 minutes																																			
<b>Comments:</b> The search feature only operates correctly with first names only. Issues with HTTP GET/POST when retrieving guest’s full name. Image added below for visual clarification.																																						
<div><div>Search for a Guest</div><div><div><div>Julie</div><div>Submit</div></div><div><table><tr><td>First Name</td><td>Last Name</td><td>Room Number</td><td>Phone Number</td><td>Street Address</td><td>Check In Date</td><td>Checkout Date</td></tr><tr><td>Julie</td><td>Smith</td><td>B342</td><td>714-999-9999</td><td>1122 Dale St, Garden Grove, CA</td><td>2021-05-17</td><td>2021-06-09</td></tr><tr><td>Julie</td><td>Davis</td><td>B42</td><td>714-950-9309</td><td>1842 Dale St, Garden Grove, CA</td><td>2021-05-06</td><td>2021-05-15</td></tr></table><div><div>Prior Guest(s) stays</div><table><tr><td>First Name</td><td>Last Name</td><td>Room Number</td><td>Phone Number</td><td>Street Address</td><td>Check In Date</td><td>Checkout Date</td></tr><tr><td>Julie</td><td>Smith</td><td>B12</td><td>714-999-9999</td><td>1122 Dale St, Garden Grove, CA</td><td>2021-02-09</td><td>2021-02-12</td></tr></table></div></div></div></div> <div>All right reserved. Template by: <a href="#">WebThemez</a></div>				First Name	Last Name	Room Number	Phone Number	Street Address	Check In Date	Checkout Date	Julie	Smith	B342	714-999-9999	1122 Dale St, Garden Grove, CA	2021-05-17	2021-06-09	Julie	Davis	B42	714-950-9309	1842 Dale St, Garden Grove, CA	2021-05-06	2021-05-15	First Name	Last Name	Room Number	Phone Number	Street Address	Check In Date	Checkout Date	Julie	Smith	B12	714-999-9999	1122 Dale St, Garden Grove, CA	2021-02-09	2021-02-12
First Name	Last Name	Room Number	Phone Number	Street Address	Check In Date	Checkout Date																																
Julie	Smith	B342	714-999-9999	1122 Dale St, Garden Grove, CA	2021-05-17	2021-06-09																																
Julie	Davis	B42	714-950-9309	1842 Dale St, Garden Grove, CA	2021-05-06	2021-05-15																																
First Name	Last Name	Room Number	Phone Number	Street Address	Check In Date	Checkout Date																																
Julie	Smith	B12	714-999-9999	1122 Dale St, Garden Grove, CA	2021-02-09	2021-02-12																																

### 2.7.2 Test Case 7.2: Searching a Guest that is not in the system

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-072	<b>Test Item:</b> Searching a Guest that is not in the system
<b>Test Case Description:</b> Verify that the application does not break when a user enters the name of a guest not in the system.	
Prerequisites	





<b>Required Interfaces:</b> A web browser - Firefox, Google Chrome.			
<b>Preconditions:</b> <ol style="list-style-type: none"> <li>1. Successful logged in the application with username: Bradley and password: BBed-234-@#we</li> <li>2. Hotel dashboard page is successfully rendered.</li> <li>3. Guests table and Prior Guests table in the database have been populated with proper information.</li> </ol>			
Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Search for a Guest”	A new page will appear with a text box prompting the user to enter a Guest’s first name.	P
2.	Enter name to be searched. Ex. “Billy”	Guest’s information will not appear and a message will display stating the database is empty, which means the guest’s name is not in the system.	P
<b>Results</b>			
PASSED: All Tests Passed      FAILED: None			
<b>Tester’s Name:</b> <i>Jorge Diaz</i>		<b>Date/Time:</b> <i>2021-05-17 12:24PM</i>	<b>Actual time to complete:</b> <i>5 minutes</i>
<b>Comments:</b> The search feature only operates correctly with first names only. Issues with HTTP GET/POST when retrieving guest’s full name. Image added below for visual clarification.			
			

## 2.8 Daily Report

**Capability 8:** The Hotel management application allows a hotel staff to display the current guests staying, number of rooms available, reservations, dirty rooms and the total money made for the day.

### 2.8.1 Test Case 8.1: Correct Information is displayed

Hotel Management Application Version 0.1.0 Test Case	
<b>Test Case ID:</b> T-081	<b>Test Item:</b> Show correct report for the day

<b>Test Case Description:</b> Verify that the application shows the information which includes rooms rented for the day with the following: Room Number, Guest Name, Date In, Date Out, Amount Paid for the room. At the bottom will be a total of dollars paid for rooms that day.																												
<b>Prerequisites</b>																												
<b>Required Interfaces:</b> A web browser - Firefox.																												
<b>Preconditions:</b> 1. Successful logged in the application with username: Bradley and password: BBed-234-@#we 2. Hotel dashboard page is successfully rendered. 3. All tables in the database have been populated with proper information.																												
<b>Step #</b>	<b>User Action</b>	<b>Expected Result</b>	<b>Pass = P Fail = X</b>																									
1.	Click on “Daily Report”	A new page will appear with the most current Daily report generated.	P																									
<b>Results</b>																												
PASSED: All Tests Passed		FAILED: None																										
<b>Tester’s Name:</b> Jorge Diaz		<b>Date/Time:</b> 2021-05-17 12:33PM	<b>Actual time to complete:</b> 5 minutes																									
<b>Comments:</b> Image added below for visual clarification.																												
<div>Daily Report</div> <div><div><div></div><div>4</div><div>Available Rooms</div></div><div><div></div><div>6</div><div>Number of Guests</div></div><div><div></div><div>2</div><div>Reservations</div></div><div><div></div><div>6</div><div>Dirty Rooms</div></div></div> <table><thead><tr><th>Room Number</th><th>Guest Name</th><th>Date In</th><th>Date Out</th><th>Amount Paid</th></tr></thead><tbody><tr><td>B342</td><td>Julie Smith</td><td>2021-05-17</td><td>2021-06-09</td><td>88.56</td></tr><tr><td>C22</td><td>Bradley Vo</td><td>2021-05-10</td><td>2021-05-25</td><td>77.56</td></tr><tr><td>C20</td><td>Noah Von</td><td>2021-05-16</td><td>2021-05-25</td><td>57.56</td></tr><tr><td>C19</td><td>Noah Tav</td><td>2021-05-06</td><td>2021-05-21</td><td>70.56</td></tr></tbody></table> <div>Total \$ Today</div> <div>294.24</div> <div>Refresh Report</div>				Room Number	Guest Name	Date In	Date Out	Amount Paid	B342	Julie Smith	2021-05-17	2021-06-09	88.56	C22	Bradley Vo	2021-05-10	2021-05-25	77.56	C20	Noah Von	2021-05-16	2021-05-25	57.56	C19	Noah Tav	2021-05-06	2021-05-21	70.56
Room Number	Guest Name	Date In	Date Out	Amount Paid																								
B342	Julie Smith	2021-05-17	2021-06-09	88.56																								
C22	Bradley Vo	2021-05-10	2021-05-25	77.56																								
C20	Noah Von	2021-05-16	2021-05-25	57.56																								
C19	Noah Tav	2021-05-06	2021-05-21	70.56																								

## 2.8.2 Test Case 8.2: Report refreshing

<b>Hotel Management Application Version 0.1.0 Test Case</b>	
<b>Test Case ID:</b> T-082	<b>Test Item:</b> Report is refreshed when button clicked
<b>Test Case Description:</b> Verify that the application generates a new report if new information is inputted into the system.	
<b>Prerequisites</b>	
<b>Required Interfaces:</b> A web browser - Firefox, Google Chrome.	

**Preconditions:**

1. Successful logged in the application with username: Bradley and password: BBed-234-@#we
2. Hotel dashboard page is successfully rendered.
3. All tables in the database have been populated with proper information.

Step #	User Action	Expected Result	Pass = P Fail = X
1.	Click on “Daily Report”.	A new page will appear with the most current Daily report generated.	P
2.	Click the button on the bottom of the screen labeled “Refresh Report”.	A prompt will appear and if new information is in the system the page will update and provide a new report.	P

**Results**

PASSED: All Tests Passed

FAILED: None

**Tester’s Name:***Jorge Diaz***Date/Time:***2021-05-17  
12:40PM***Actual time to complete:***5 minutes***Comments:** Image added below for visual clarification.

ecs.fullerton.edu/~cs431s24/hotel-app/dailyreport.php

Patron Robinhood Coinbase ecs.fullerton.edu says Fetching new report OK

### Daily Report

4 Available Rooms

6 Number of Guests

2 Reservations

6 Dirty Rooms

Room Number	Guest Name	Date In	Date Out	Amount Paid
B342	Julie Smith	2021-05-17	2021-06-09	88.56
C22	Bradley Vo	2021-05-10	2021-05-25	77.56
C20	Noah Von	2021-05-16	2021-05-25	57.56
C19	Noah Tav	2021-05-06	2021-05-21	70.56

**Total \$ Today**  
294.24

Refresh Report