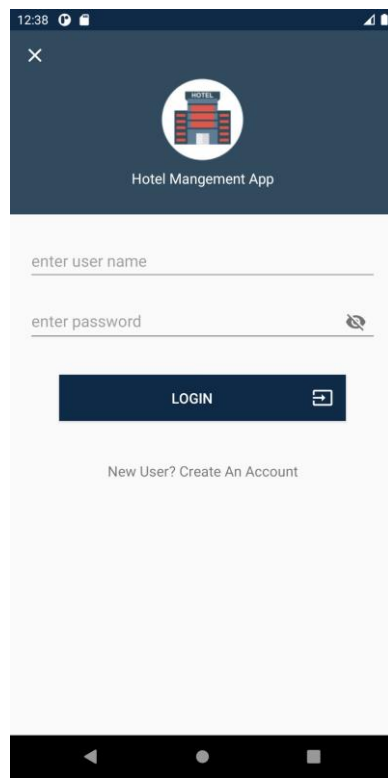


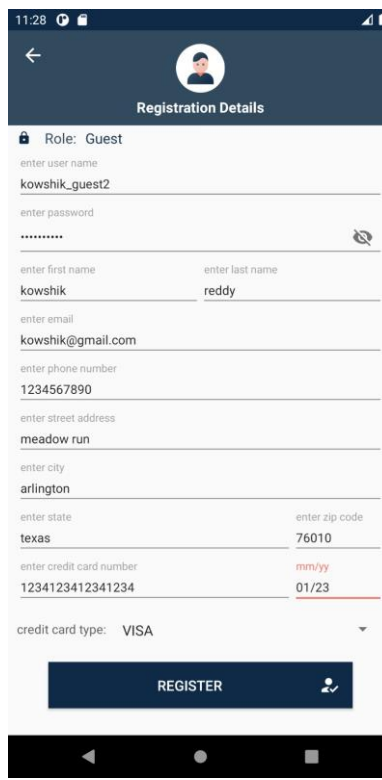
Non-trivial steps are marked with “\*”.

## UC 1: Register

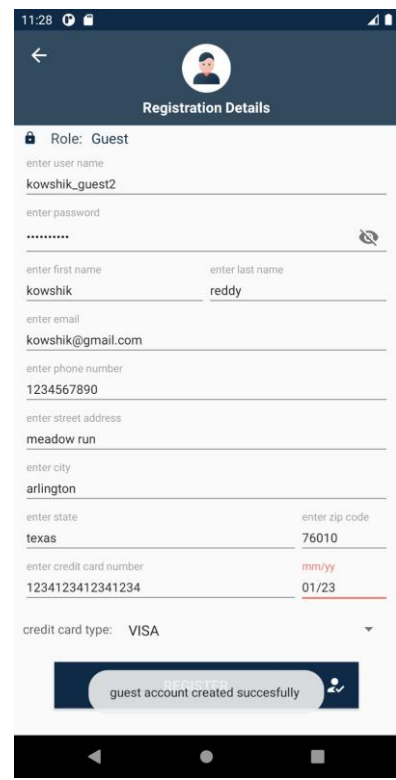
Precondition: The System does not have a registered account for Guest	
Actor : Guest	System : Hotel Management Application
	0. System Displays the Main Screen ( <a href="#">Figure 1.1</a> ).
1. <b>TUCBW</b> The Guest selects the Register function on Main Screen.	2. System Displays the registration form in Registration Details Screen ( <a href="#">Figure 1.2</a> )
3. Guest fills the details and clicks on REGISTER button.	*4. System displays guest account created successfully Message ( <a href="#">Figure 1.3</a> ) and Guest is redirected back to Login page ( <a href="#">Figure 1.4</a> ).
5. <b>TUCEW</b> Guest sees the guest account created successfully Message and sees returns to the Main Screen.	
Post condition: The system creates a new account for Guest	



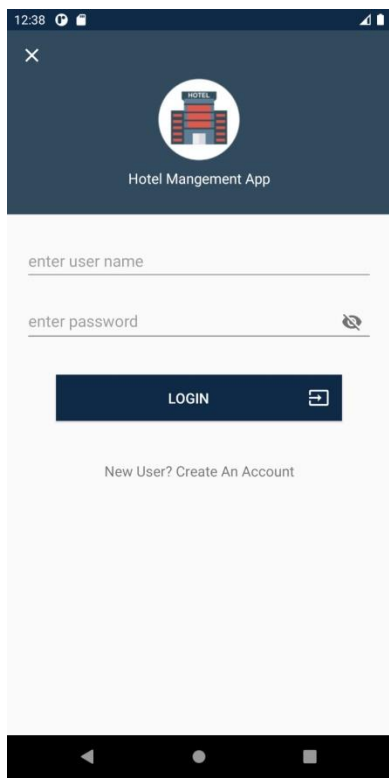
[Figure 1.1](#)



[Figure 1.2](#)



[Figure 1.3](#)



**Figure 1.4**

## UC 2: Login

<b>Precondition: The System has a registered account for the System user</b>	
<b>Actor : System User</b>	<b>System : Hotel Management Application</b>
	0. System Displays the MainScreen ( <a href="#">Figure2.1</a> )
<b>1. TUCBW</b> The System User enters User Name and Password and selects Login function <b>from MainScreen</b> .	<b>*2.</b> System displays Login Successful message ( <a href="#">Figure2.2</a> ).  System Displays different screens in different scenarios:- i) Guest will be shown Guest home Screen ( <a href="#">Figure 2.3</a> ) ii) Hotel Manager will be shown Hotel Manager home Screen ( <a href="#">Figure 2.4</a> ) iii) Admin will be shown Admin home Screen ( <a href="#">Figure 2.5</a> )
<b>3.TUCEW</b> System user sees Login Successful message. System User's can see their respective Function list in their Home Screen.	
<b>Post condition: The system log's in the user and displays respective System User Home Screen's.</b>	

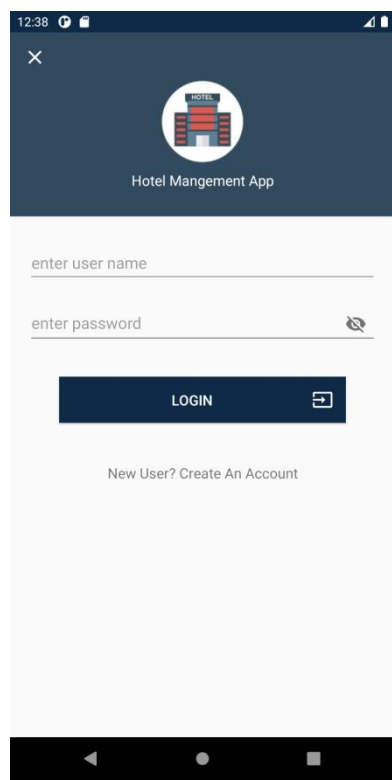


Figure 2.1

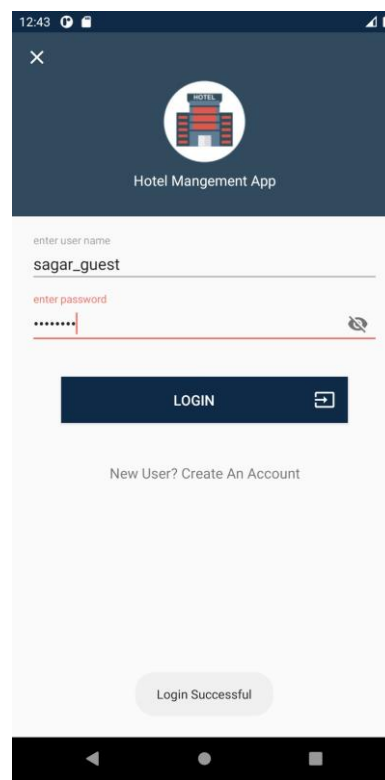


Figure 2.2

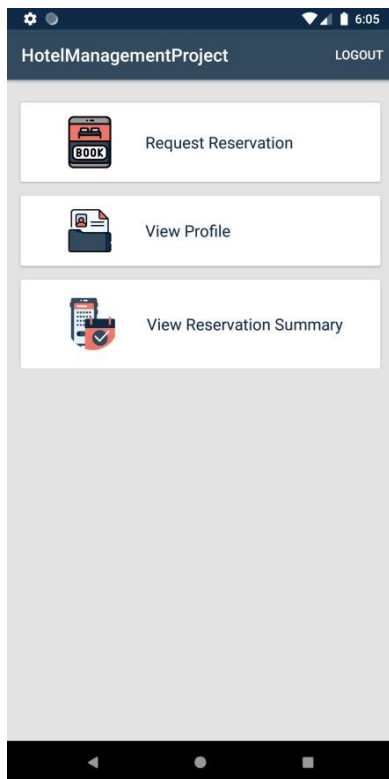


Figure 2.3

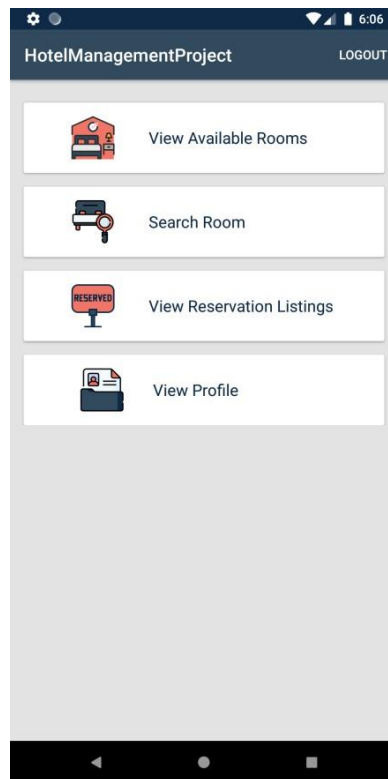


Figure 2.4

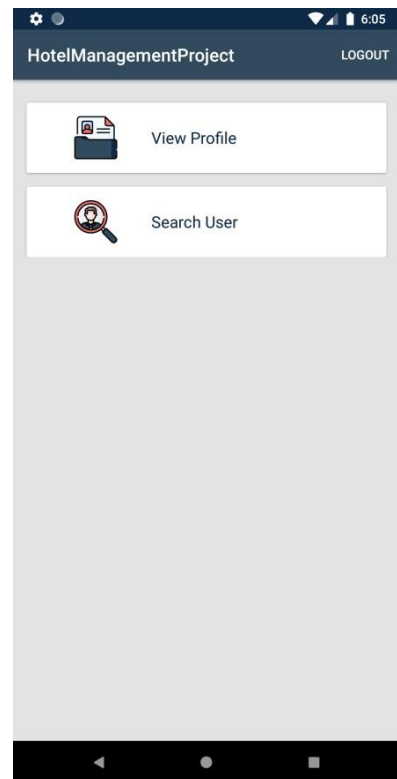


Figure 2.5

## UC 4: View Profile

<b>Precondition: The System should have System User logged into the System.</b>	
<b>Actor : System User</b>	<b>System :Hotel Management Application</b>
	0. System Displays respective System User Home Screen for all System Users <a href="#">Figure4.1</a> (Guest) <a href="#">Figure4.2</a> (Hotel Manager)_ <a href="#">Figure4.3</a> (Admin)
1. TUCBW The System User selects View Profile function from their respective System User Home Screen	<p>* 2. The system displays details of the system user in their respective view profile screens.</p> <p>i) System displays details of the Guest User (<a href="#">Figure 4.4</a>)</p> <p>ii) System displays details of the Hotel Manager User (<a href="#">Figure 4.5</a>)</p> <p>iii) System displays details of the Admin User (<a href="#">Figure 4.6</a>)</p>
5.TUCEW System user sees the user details.	
<b>Post condition: The system provides all the details of logged in user.</b>	

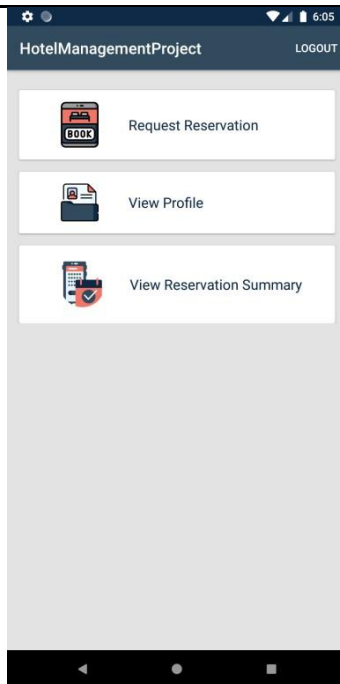


Figure4.1

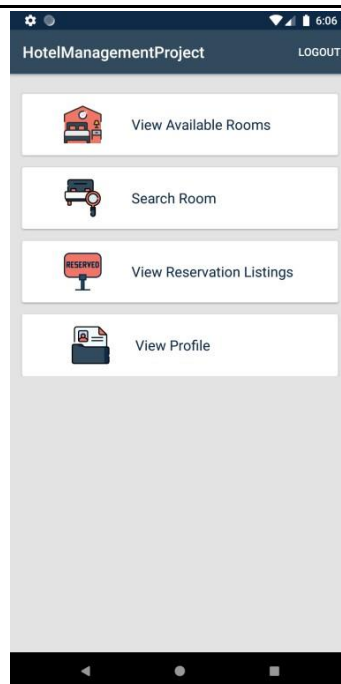


Figure4.2

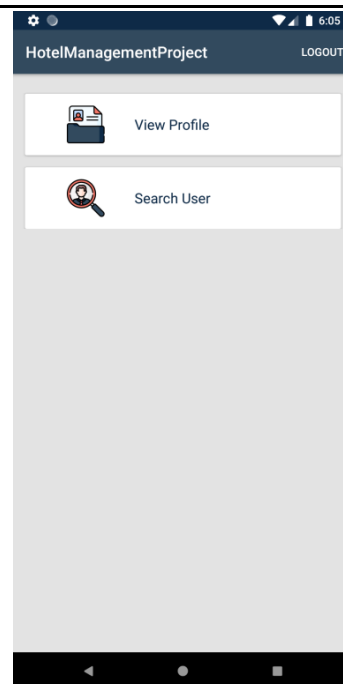


Figure 4.3

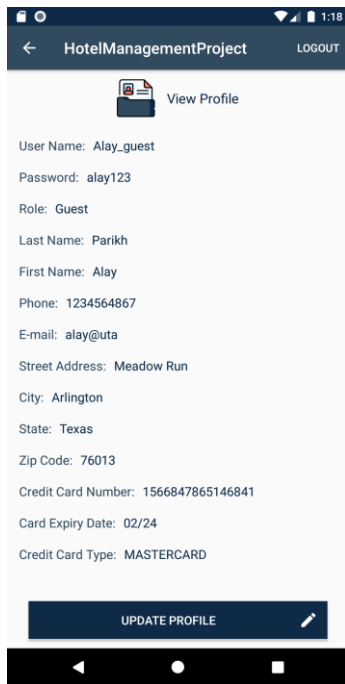


Figure 4.4

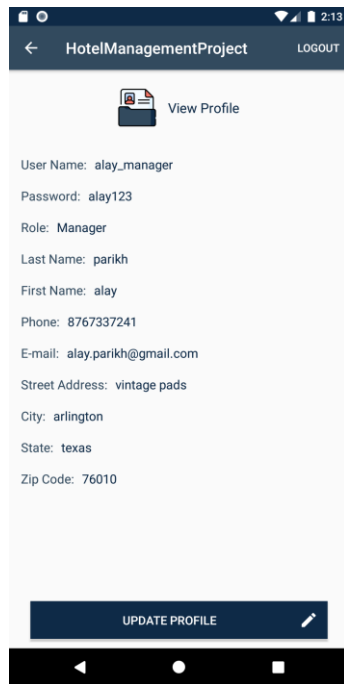


Figure 4.5

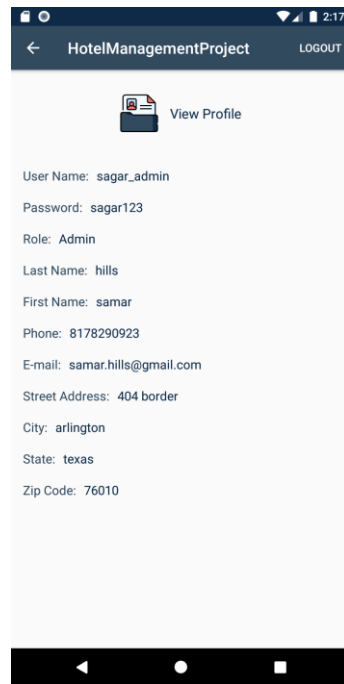


Figure 4.6

## UC 5: Update Profile

<b>Precondition: The system should have Guest and Hotel Manager logged into the system.</b>	
<b>Actor : Guest, Hotel Manager</b>	<b>System :Hotel Management Application</b>
	0. System Displays their respective View Profile Screen for Guest and Hotel Manager ( <a href="#">Figure 4.1</a> and <a href="#">Figure 4.2</a> )
1. <b>TUCBW</b> The Guest and Hotel Manager selects Update Profile function from their respective View Profile Screen.	2. System Displays different screens for Guest and Hotel Manager.  i) System Displays the Guest Update Profile form in Guest Update Profile Screen for Guest ( <a href="#">Figure 4.3</a> )  ii) System Displays the Hotel Manager Update Profile form in Hotel Manager Update Profile Screen for Hotel manager ( <a href="#">Figure 4.4</a> )
3. Guest and Hotel Manager can modify one or more fields and clicks on save changes button.	4. System displays confirmation box for Guest ( <a href="#">Figure 4.5</a> ) and Hotel Manager ( <a href="#">Figure 4.6</a> ).
5. Guest and Hotel Manager can modify by clicking on Yes button to give confirmation.	*6. System updates the Guest and Hotel Manager with new details, displays profile updated successfully! message ( <a href="#">Figure 4.7</a> and <a href="#">Figure 4.8</a> ) and will be redirected to the View Profile Screen with updated details. ( <a href="#">Figure 4.9</a> and <a href="#">Figure 4.10</a> )
7. TUCEW Guest and Hotel Manager sees the profile updated successfully message and also sees the returns to the View Profile screen with the updated details.	
<b>Post condition: The system will update the values of Guest, Hotel Manager.</b>	

HotelManagementProject LOGOUT

View Profile

User Name: sagar\_guest  
 Password: sagar123  
 Role: Guest  
 Last Name: giri  
 First Name: sagar  
 Phone: 9890546081  
 E-mail: sagar.giri@gmail.com  
 Street Address: meadow run  
 City: arlington  
 State: texas  
 Zip Code: 76011  
 Credit Card Number: 4321234512346789  
 Card Expiry Date: 01/22  
 Credit Card Type: MASTERCARD

UPDATE PROFILE

Figure 5.1

HotelManagementProject LOGOUT

View Profile

User Name: sagar\_manager  
 Password: sagar123  
 Role: Manager  
 Last Name: giri  
 First Name: sagar  
 Phone: 8087337241  
 E-mail: sagar.giri1@gmail.com  
 Street Address: 404 border  
 City: arlington  
 State: texas  
 Zip Code: 76010

UPDATE PROFILE

Figure 5.2

HotelManagementProject LOGOUT

Update Profile

Username: sagar\_guest  
 Password: .....  
 Role: Guest  
 LastName: giri FirstName: sagar  
 Phone: 9890546081  
 E-mail: sagar.giri@gmail.com  
 Street Address: meadow run  
 City: arlington  
 State: texas Zip Code: 76011  
 Credit Card Number: 4321234512346789  
 Credit Card Expiry: 01/22  
 Credit Card Type: DISCOVER

SAVE CHANGES

Figure 5.3

HotelManagementProject LOGOUT

Update Profile

Username: sagar\_manager  
 Password: .....  
 Role: Manager  
 LastName: giri FirstName: sagar  
 Phone: 8087337241  
 E-mail: sagar.giri1@gmail.com  
 Street Address: 404 border  
 City: arlington  
 State: texas Zip Code: 76011

SAVE CHANGES

Figure 5.4

HotelManagementProject LOGOUT

Update Profile

Username: sagar\_guest  
 Password: .....  
 Role: Guest  
 LastName: giri FirstName: sagar  
 Phone: 8087337241  
 E-mail: sagar.giri1@gmail.com  
 Street Address: 404 border  
 City: arlington  
 State: texas Zip Code: 76011  
 Credit Card Number: 4321234512346789  
 Credit Card Expiry: 01/22  
 Credit Card Type: DISCOVER

Update Profile!  
 Are you sure you want to update?

NO YES

SAVE CHANGES

Figure 5.5

HotelManagementProject LOGOUT

Update Profile

Username: sagar\_manager  
 Password: .....  
 Role: Manager  
 LastName: giri FirstName: sagar  
 Phone: 8087337241  
 E-mail: sagar.giri1@gmail.com  
 Street Address: 404 border  
 City: arlington  
 State: texas Zip Code: 76010

Update Profile!  
 Are you sure you want to update?

NO YES

SAVE CHANGES

Figure 5.6



HotelManagementProject LOGOUT

Update Profile

Username: sagar\_guest

Password: .....

Role: Guest

LastName: giri FirstName: sagar

Phone: 9890546081

E-mail: sagar.giri@gmail.com

Street Address: meadow run

City: arlington

State: texas Zip Code: 76011

Credit Card Number: 4321234512346789

Credit Card Expiry: 01/22

Credit Card Type: DISCOVER

profile Updated Successfully!

Figure 5.7

HotelManagementProject LOGOUT

Update Profile

Username: sagar\_manager

Password: .....

Role: Manager

LastName: giri FirstName: sagar

Phone: 8087337241

E-mail: sagar.giri1@gmail.com

Street Address: 404 border

City: arlington

State: texas Zip Code: 76010

profile Updated Successfully!

Figure 5.8

HotelManagementProject LOGOUT

View Profile

User Name: sagar\_guest

Password: sagar123

Role: Guest

Last Name: giri

First Name: sagar

Phone: 9890546081

E-mail: sagar.giri@gmail.com

Street Address: meadow run

City: arlington

State: texas

Zip Code: 76011

Credit Card Number: 4321234512346789

Card Expiry Date: 01/22

Credit Card Type: DISCOVER

UPDATE PROFILE

Figure 5.9

HotelManagementProject LOGOUT

View Profile

User Name: sagar\_manager

Password: sagar123

Role: Manager

Last Name: giri

First Name: sagar

Phone: 8087337241

E-mail: sagar.giri1@gmail.com

Street Address: 404 border

City: arlington

State: texas

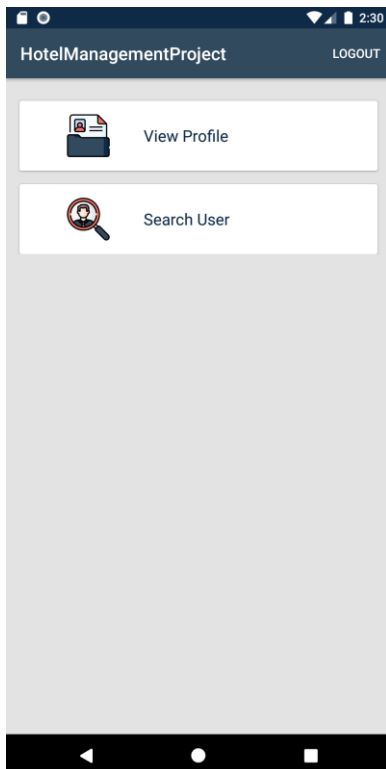
Zip Code: 76010

UPDATE PROFILE

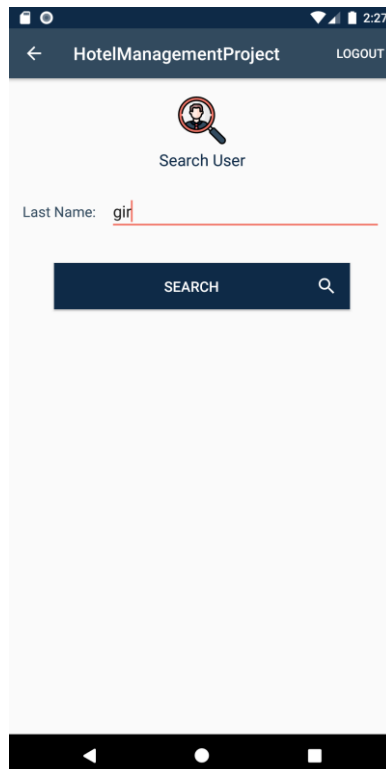
Figure 5.10

## UC 13: Search User

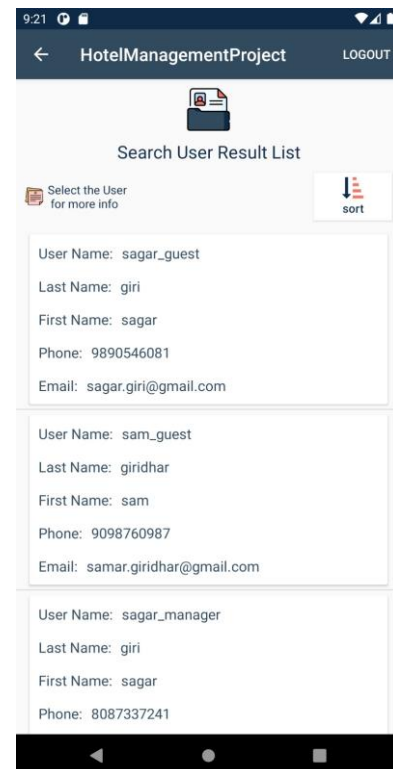
<b>Precondition: The system shows the Admin as logged in.</b>	
<b>Actor : Admin</b>	<b>System : Hotel Management System</b>
	0.System Displays the Admin Home Screen ( <a href="#">Figure 13.1</a> ).
<b>1. TUCBW</b> The Admin selects the Search User function on Admin Home screen.	2. System displays the search user form( <a href="#">Figure 13.2</a> ).
3. Admin fills the details and clicks on Search button.	*4.System displays list of user that matches the search criteria and sorted by Alphabetical order of Last Name on Search User Result List Screen ( <a href="#">Figure 13.3</a> ).
<b>5.TUCEW</b> Admin sees the list of users that matches the search criteria in sorted order on Search User Result List screen.	
<b>Post condition: The system provides list users to Admin</b>	



[Figure 13.1](#)



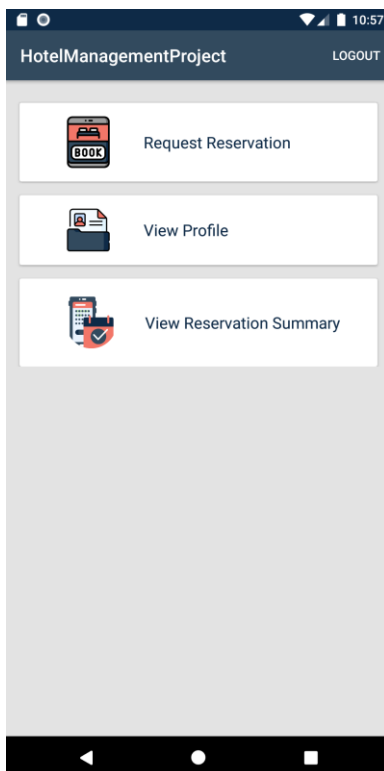
[Figure 13.2](#)



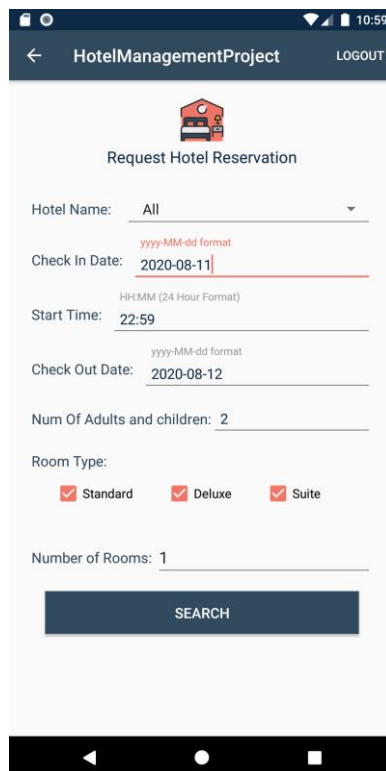
[Figure 13.3](#)

## UC 6: Request Reservation

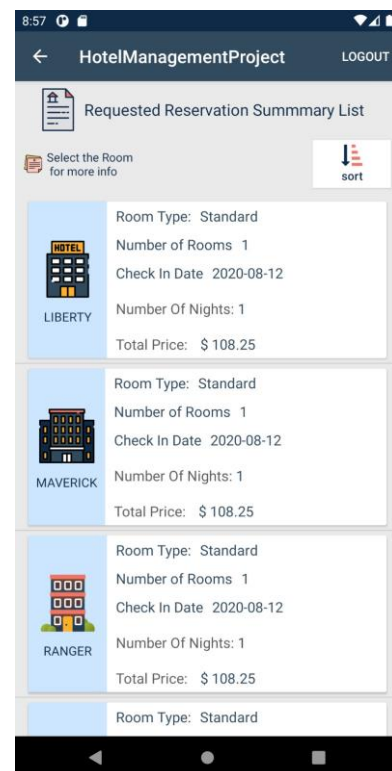
<b>Precondition: The system shows the Guest as logged in.</b>	
<b>Actor : Guest</b>	<b>System : Hotel Management System</b>
	0.System Displays the Guest Home Screen <a href="#">(Figure 6.1).</a>
1. <b>TUCBW</b> The Guest selects the Request Reservation function on Guest Home screen.	2.System Displays the search form in Request Hotel Reservation screen <a href="#">(Figure 6.2).</a>
3. Guest fills the details and clicks on SEARCH button.	*4.System displays list of rooms that matches search criteria and sorted by reservation date/time in chronological order on Requested Reservation Summary List screen <a href="#">(Figure 6.3).</a>
5. <b>TUCEW</b> Guest sees the list of rooms that matches the search criteria in sorted order on Requested Reservation Summary List screen.	
<b>Post condition: The system provides list of rooms to Guest</b>	



[Figure 6.1](#)



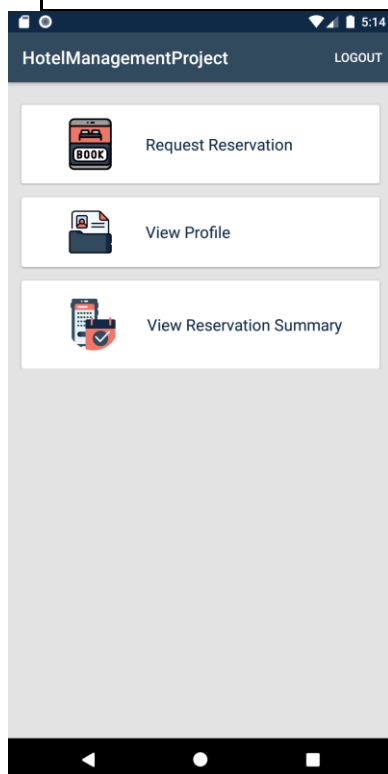
[Figure 6.2](#)



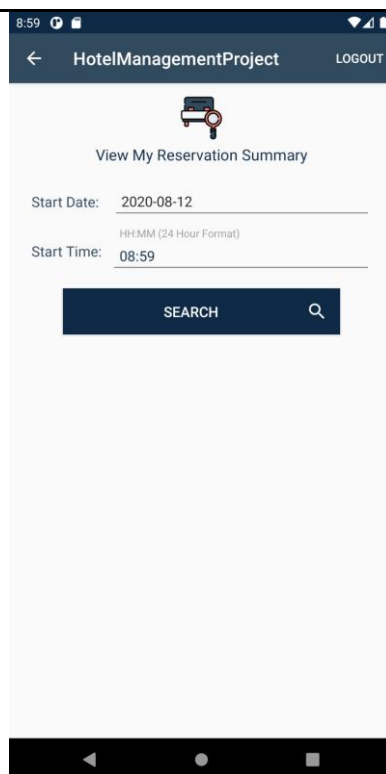
[Figure 6.3](#)

## UC 9: View Reservation Summary

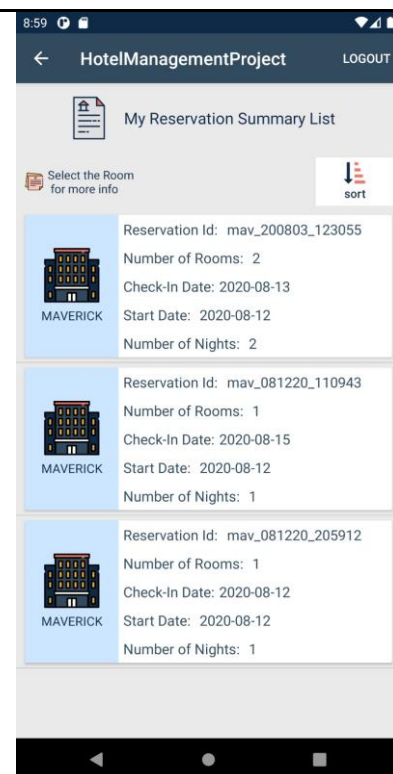
<b>Precondition: The System shows the guest is logged in.</b>	
<b>Actor: Guest</b>	<b>System: Hotel Management System</b>
	0. System Displays Guest Home Screen ( <a href="#">Figure 9.1</a> )
1. <b>TUCBW:</b> Guest selects the View Reservation Summary function on Guest Home Screen	2. System Displays View My Reservation Summary Form ( <a href="#">Figure 9.2</a> ).
3. Guest fills View My Reservation Summary Form & clicks on SEARCH Button	4. System displays the My Reservation Summary List Screen ( <a href="#">Figure 9.3</a> )
5. <b>TUCEW:</b> The Guest sees My Reservation Summary List Screen.	
<b>Postcondition: The System provides the My Reservation Summary list.</b>	



([Figure 9.1](#))



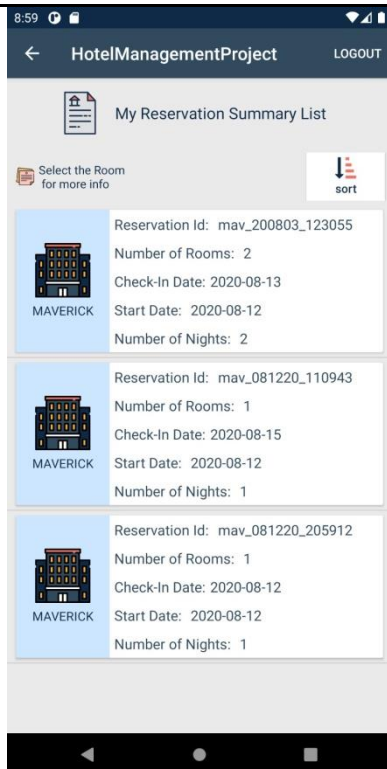
([Figure 9.2](#))



([Figure 9.3](#))

## UC 10: View Selected Reservation Details

<b>Precondition: The System shows Guest is already Logged in.</b>	
<b>Actor: Guest</b>	<b>System: Hotel Management System</b>
	0. System Displays My Reservation Summary List Screen ( <a href="#">Figure 10.1</a> ).
1.TUCBW: The Guest selects Reservation item in My Reservation Summary List Screen	2. System displays My Reservation Details Screen ( <a href="#">Figure10.2</a> ).
3. TUCEW: Guest sees the Selected Reservation's details in My Reservation Details Screen.	
<b>Postcondition: The System provides all the details of the selected reservation.</b>	



([Figure 10.1](#))



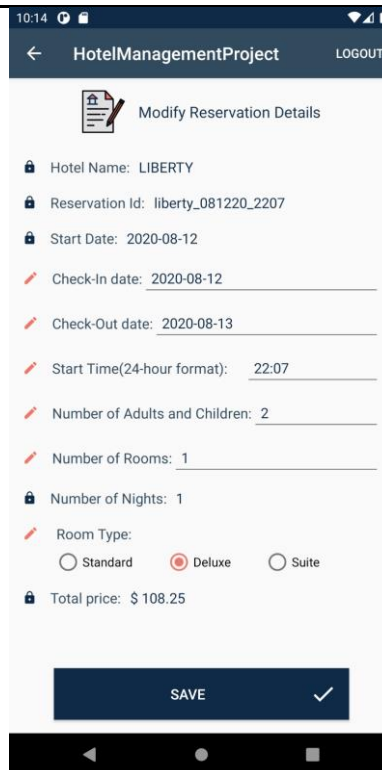
([Figure 10.2](#))

## UC 11: Modify Reservation

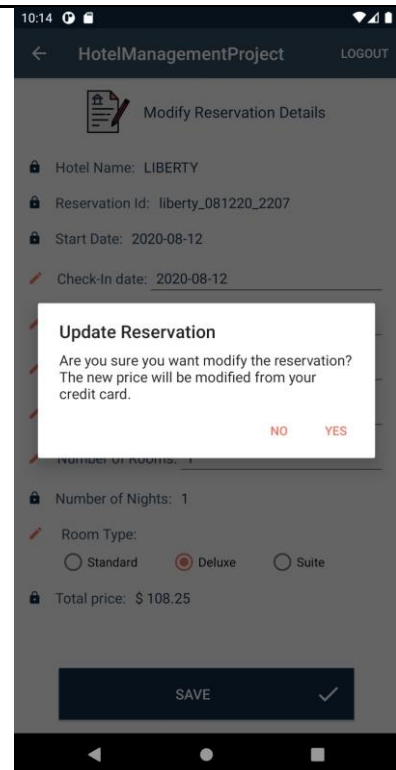
Precondition: The System has already logged in as a Guest.	
Actor: Guest	System: Hotel Management System
	0. System Displays My Reservation Details Screen ( <a href="#">Figure 11.1</a> ).
1.TUCBW: The Guest <b>Selects</b> Modify Reservation function on My Reservation Details Screen	2. System displays Modify Reservation Details Form on Modify Reservation Details Screen ( <a href="#">Figure 11.2</a> ).
3.Guest can modify one or more fields and clicks on SAVE button.	4. The system displays Confirmation box for the guest ( <a href="#">Figure 11.3</a> )
5. Guest clicks on “YES” button for confirmation.	*6. System updates the values; see Reservation Modified Successfully message ( <a href="#">Figure 11.4</a> ) and redirects the user to My Reservation Details Screen ( <a href="#">Figure 11.5</a> ).
7.TUCEW: Guest sees the reservation modified successfully message and sees the return to My Reservation Details screen with updated details.	
Postcondition: The System updates the values of selected Reservation.	



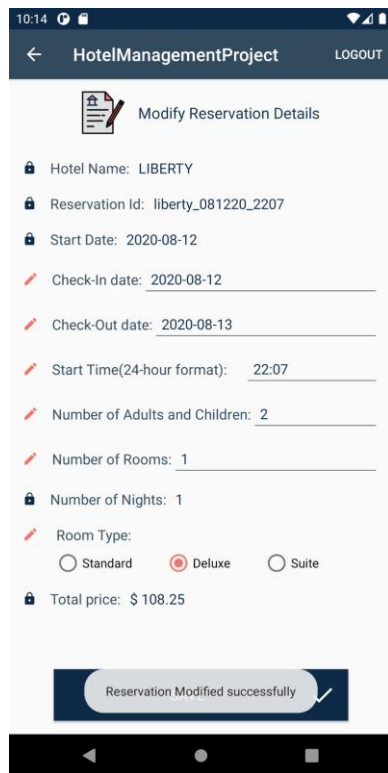
([Figure 11.1](#))



([Figure 11.2](#))



([Figure 11.3](#))



(Figure 11.4)



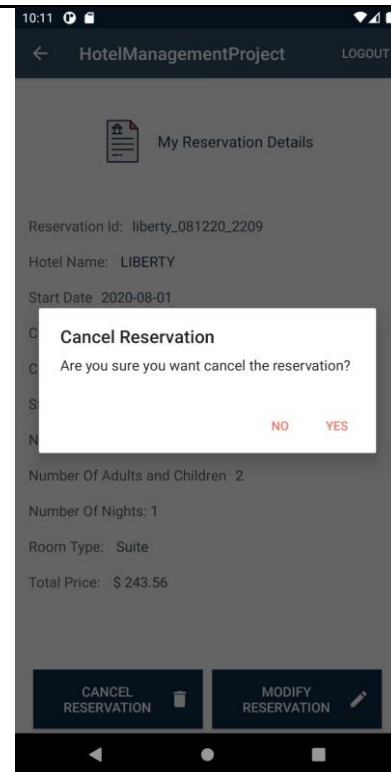
(Figure 11.5)

## UC 12: Cancel Reservation

Precondition: The System has already logged in as a Guest.	
Actor: Guest	System: Hotel Management System
	0. System Displays My Reservation Details Screen ( <a href="#">Figure 12.1</a> ).
1.TUCBW: The Guest <b>Selects</b> Cancel Reservation function on My Reservation Details Screen.	2. System displays a Confirmation Box for Guest ( <a href="#">Figure 12.2</a> ).
3.Guest clicks on Yes button for confirmation	*4. The System removes the selected reservation; Displays Reservation Cancelled Successfully message ( <a href="#">Figure 12.3</a> ) and redirects the Guest to the My Reservation Summary List Screen ( <a href="#">Figure 12.4</a> ).
5.TUCEW: Guest see the Reservation cancelled Successfully message and then sees the return to My Reservation Summary List Screen also sees removal of the previously selected reservation in My Reservation Summary List Screen.	
Postcondition: The System Removes the Selected Reservation.	



([Figure 12.1](#))

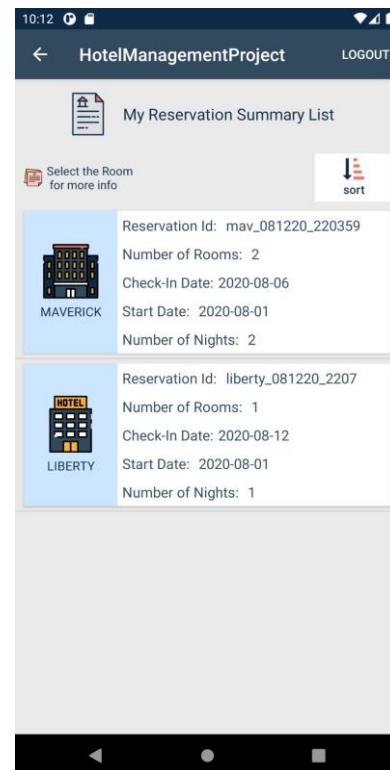


([Figure 12.2](#))





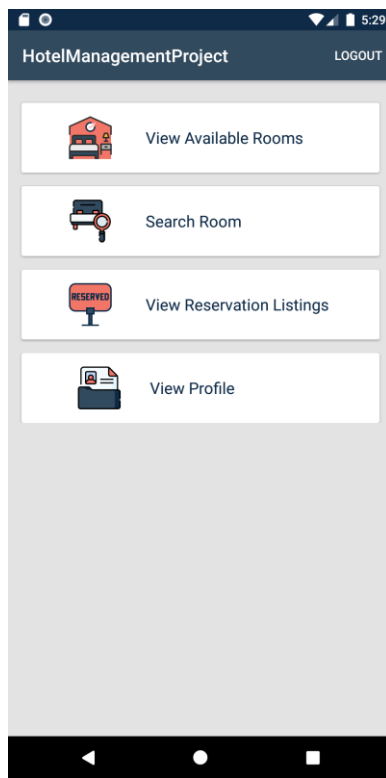
(Figure 12.3)



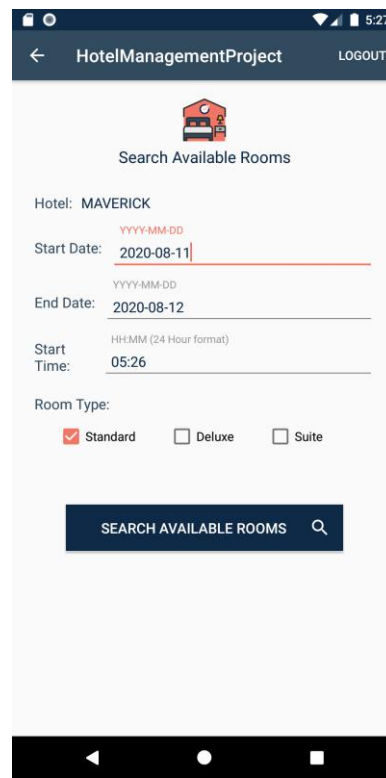
(Figure 12.4)

## UC 19: View Available Rooms

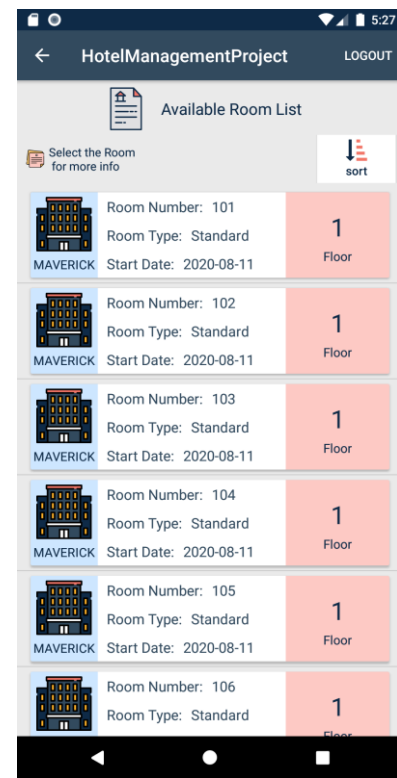
<b>Precondition: The system shows the Manager as logged in.</b>	
<b>Actor : Manager</b>	<b>System : Hotel Management System</b>
	0.System Displays the Manager Home Screen( <a href="#">Figure 19.1</a> ).
<b>1. TUCBW</b> The Manager selects the View Available Rooms function on Manager Home screen.	2. System displays the Search Available Rooms form( <a href="#">Figure 19.2</a> ).
3. Manager fills the details and clicks on Search Available Rooms button.	*4.System displays list of available rooms that matches the search criteria and sorted by check-in date in chronological order of Available Room List Screen( <a href="#">Figure 19.3</a> ).
<b>5.TUCEW</b> Manager sees the list of available rooms that matches the search criteria in sorted order on Available Room List screen	
<b>Post condition: The system provides list of available rooms to Manager.</b>	



[Figure 19.1](#)



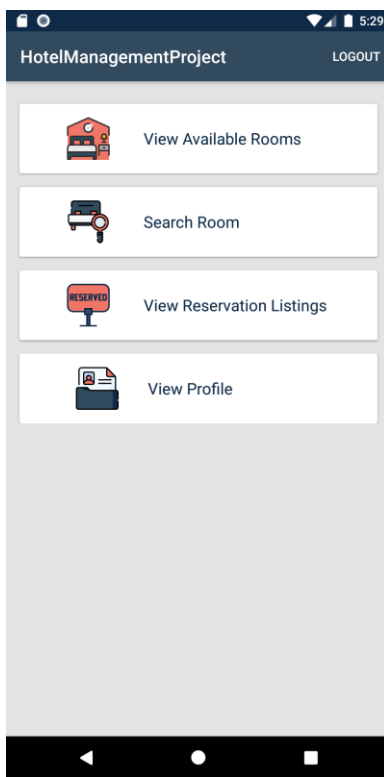
[Figure 19.2](#)



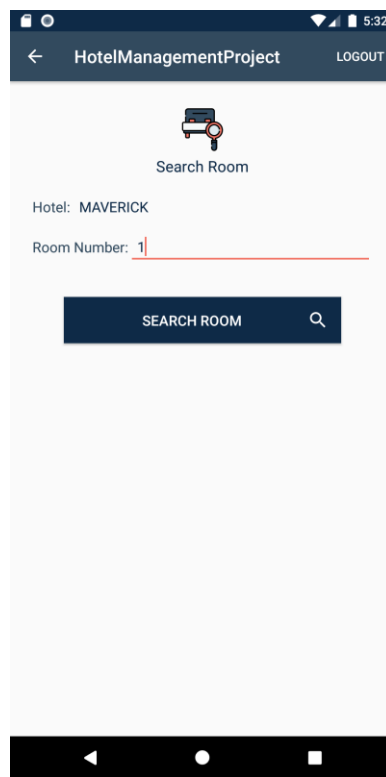
[Figure 19.3](#)

## UC 20: Search Room

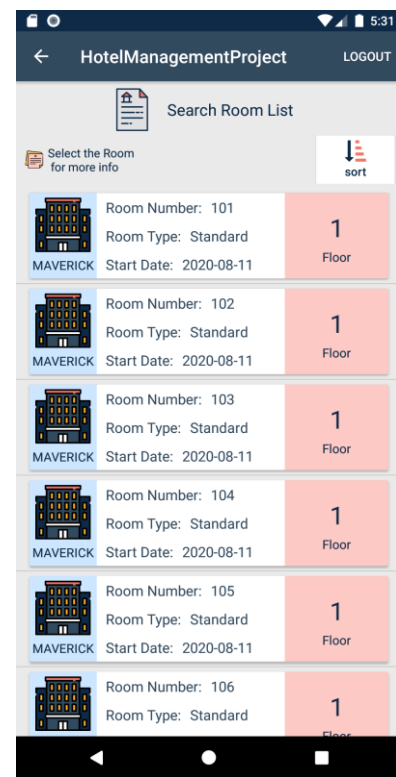
<b>Precondition: The system shows the Manager as logged in.</b>	
<b>Actor : Manager</b>	<b>System : Hotel Management System</b>
	0.System Displays the Manager Home Screen( <a href="#">Figure 20.1</a> ).
1. <b>TUCBW</b> The Manager selects the Search Room function in Manager Home screen.	2.System Displays the Search Room form in Search Room screen( <a href="#">Figure 20.2</a> ).
3. Manager fills the details and clicks on Search Room button.	*4.System displays list of rooms that matches search criteria and sorted by room number in Search Room List Screen( <a href="#">Figure 20.3</a> ).
5. <b>TUCEW</b> Manager sees the list of rooms that matches the search criteria in sorted order on Search Room List screen.	
<b>Post condition: The system provides list of rooms to Manager</b>	



[Figure 20.1](#)



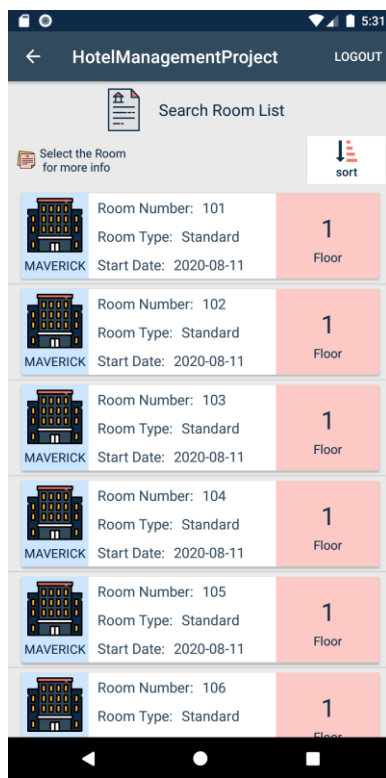
[Figure 20.2](#)



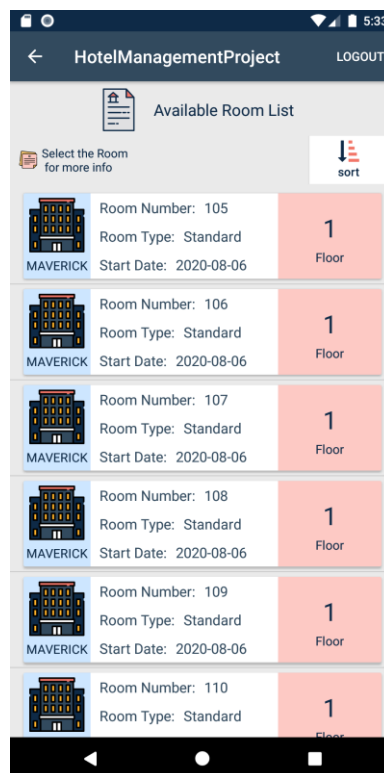
[Figure 20.3](#)

## UC 21: View Room Details

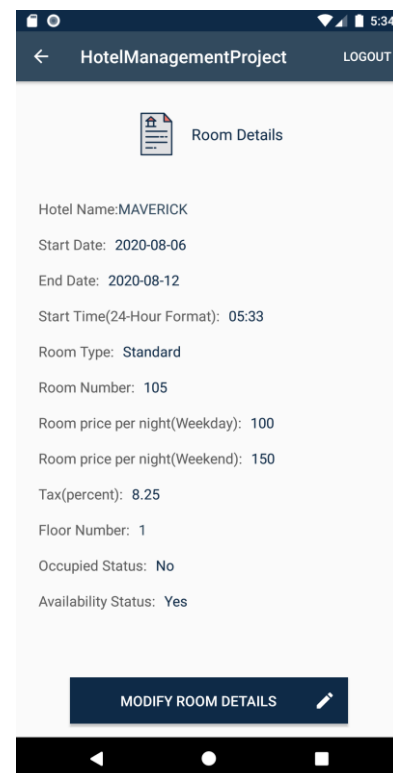
<b>Precondition: The system shows the Manager as logged in.</b>	
<b>Actor : Manager</b>	<b>System : Hotel Management System</b>
	0.System Displays the Search Room List Screen ( <a href="#">Figure 21.1</a> ) or Available Room List Screen( <a href="#">Figure 21.2</a> ).
1. <b>1. TUCBW</b> The Manager selects a room item from the list on Search Room List Screen or on Available Room List Screen.	*2.System shows the selected room's complete details on Room Details Screen ( <a href="#">Figure 21.3</a> ).
<b>3.TUCEW</b> Manager sees the complete details of the selected Room from Room Details screen.	
<b>Post condition: The system provides selected room's complete details to the Manager</b>	



[Figure 21.1](#)



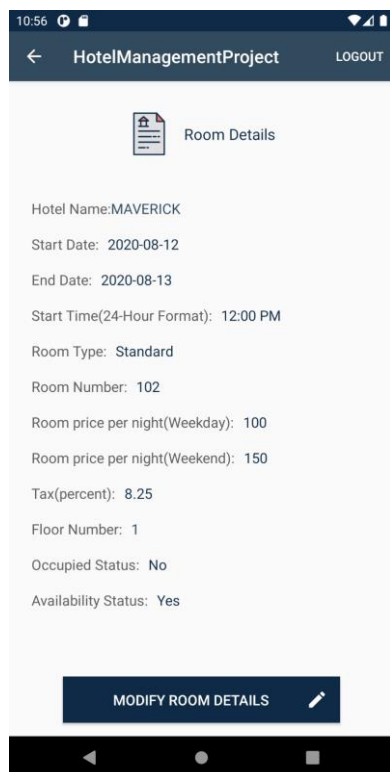
[Figure 21.2](#)



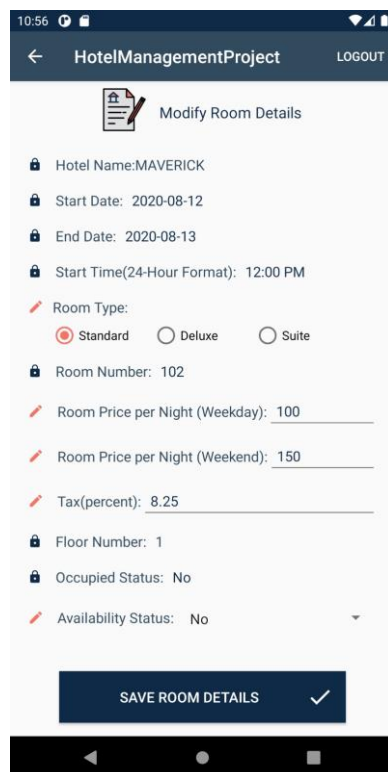
[Figure 21.3](#)

## UC 22: Modify Room Details

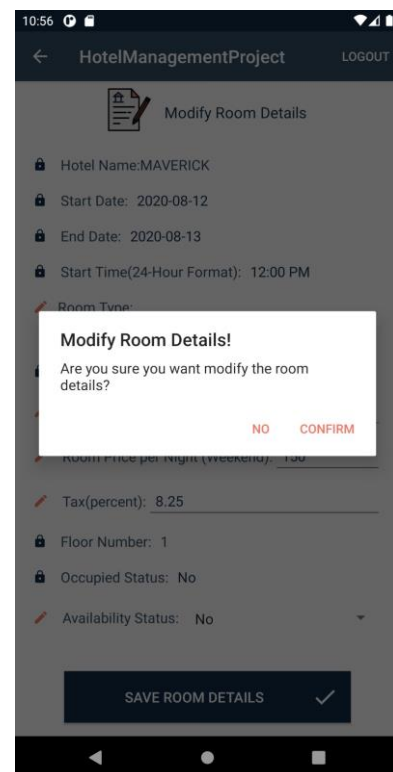
<b>Precondition: The system shows the Manager as logged in.</b>	
<b>Actor : Manager</b>	<b>System : Hotel Management System</b>
	0.System Displays the Room Details Screen ( <a href="#">Figure 22.1</a> ).
1. <b>TUCBW</b> The Manager selects Modify Room Details Function on Room Details Screen.	2. System displays the Modify Room Details form ( <a href="#">Figure 22.2</a> ).
3. The Manager can Modify one or more fields and clicks on Save Room Details button.	4. System displays confirmation box for the Manager( <a href="#">Figure 22.3</a> )
5. The Manager clicks on CONFIRM button to give the confirmation.	*6. System updates the selected room's fields with new values; displays Room Details Modified Successfully message ( <a href="#">Figure 22.4</a> ) and redirects Manager back to the Room Details Screen( <a href="#">Figure 22.5</a> ).
7. <b>TUCEW</b> Manager sees the Room Details Modified Successfully message and also sees the returns to the Room Details Screen with the updated details.	
<b>Post condition: The system updates values of the selected room's details.</b>	



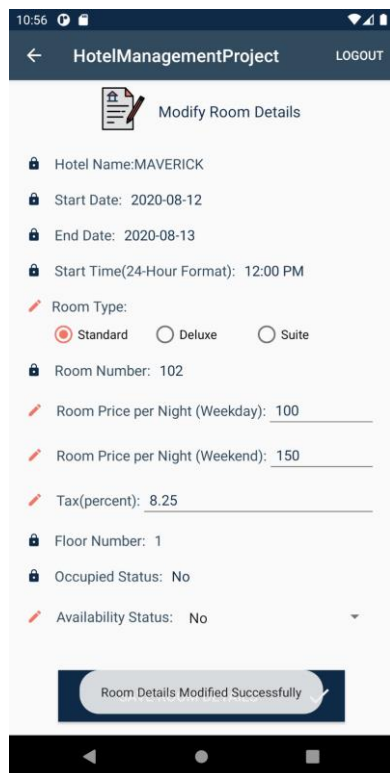
[Figure 22.1](#)



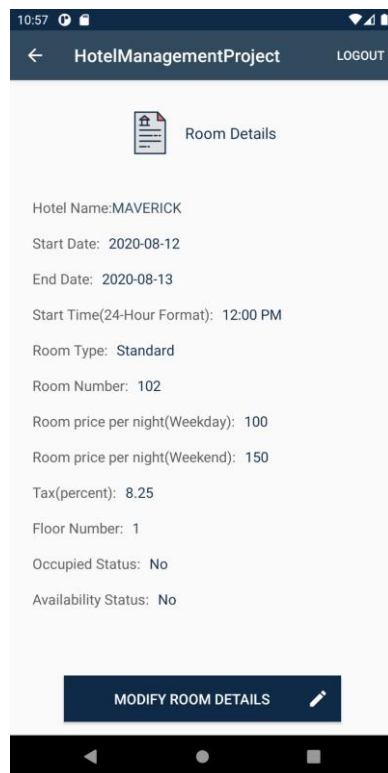
[Figure 22.2](#)



[Figure 22.3](#)



[Figure 22.4](#)



[Figure 22.5](#)