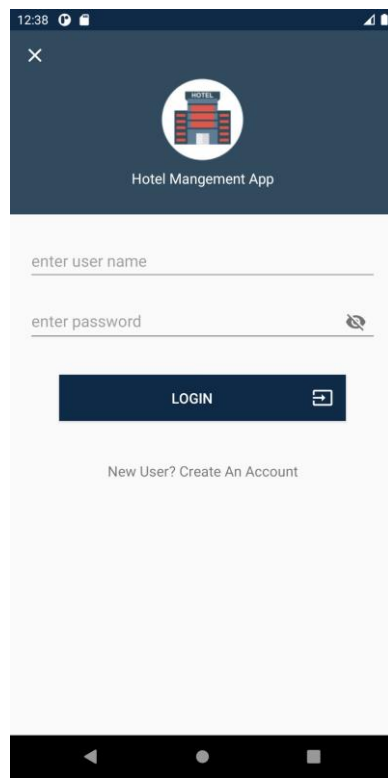


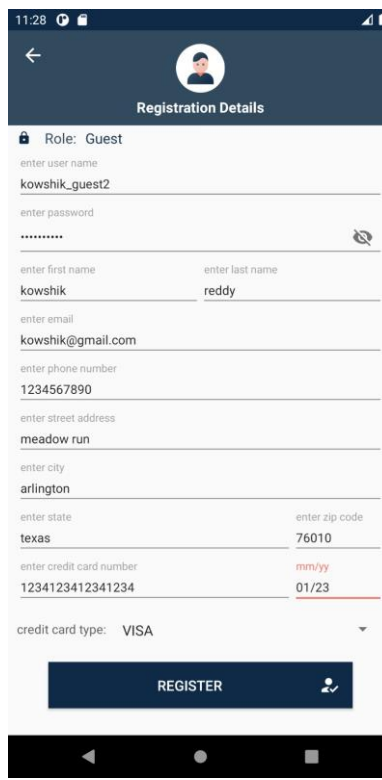
Non-trivial steps are marked with “*”.

UC 1: Register

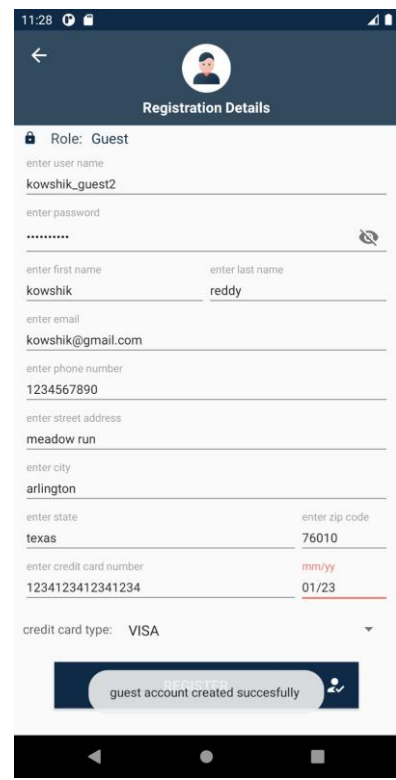
Precondition: The System does not have a registered account for Guest	
Actor : Guest	System : Hotel Management Application
	0. System Displays the Main Screen (Figure 1.1).
1. TUCBW The Guest selects the Register function on Main Screen.	2. System Displays the registration form in Registration Details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

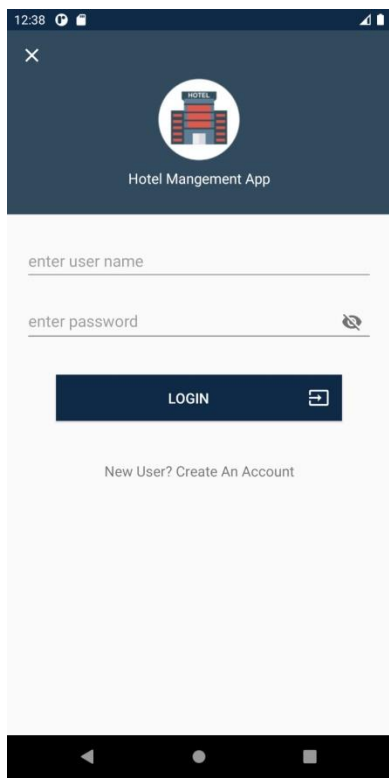


Figure 1.4

UC 2: Login

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

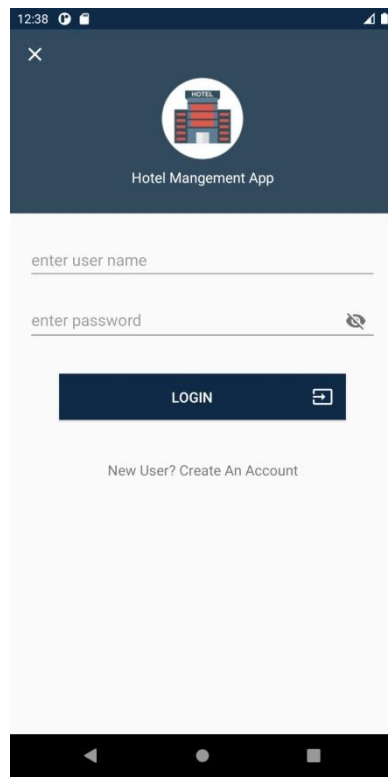


Figure 2.1

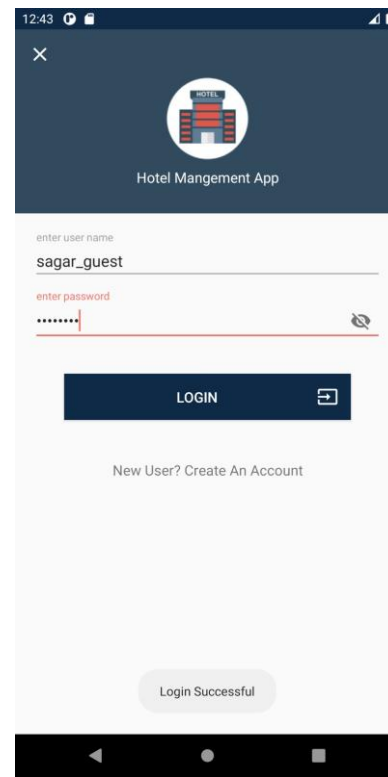


Figure 2.2

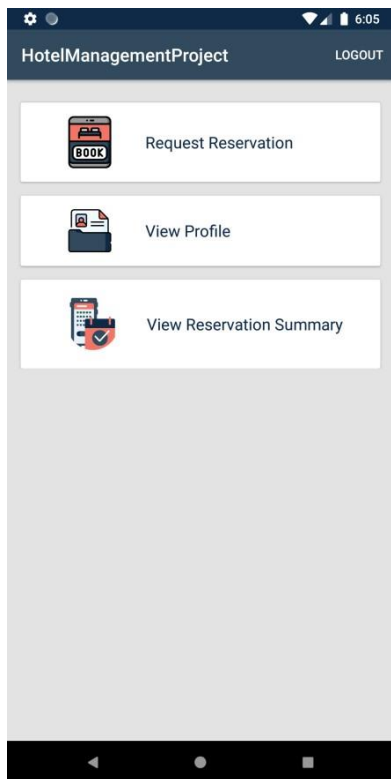


Figure 2.3

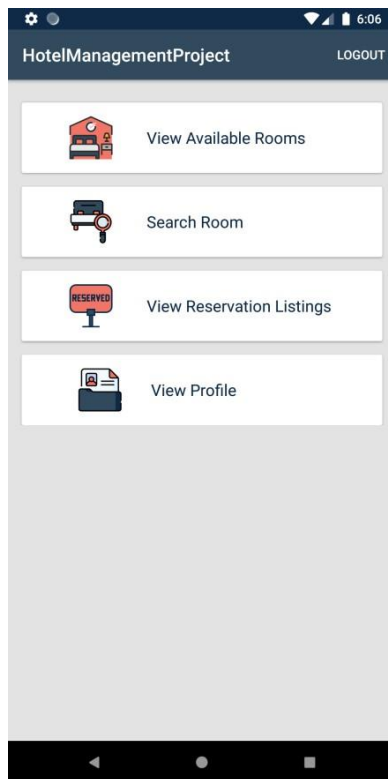


Figure 2.4

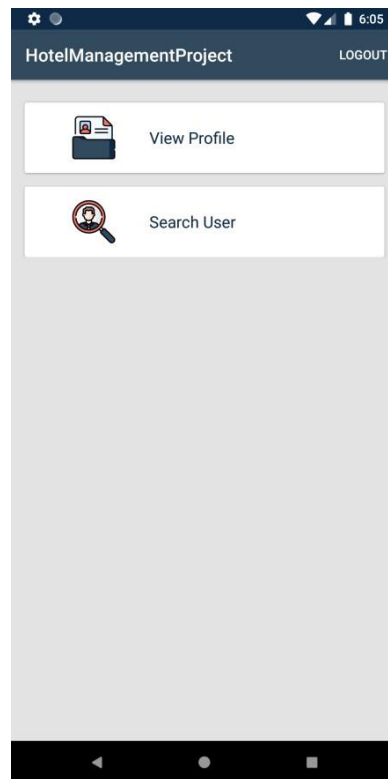


Figure 2.5

UC 4: View Profile

Precondition: The System should have System User logged into the System.	
Actor : System User	System :Hotel Management Application
	0. System Displays respective System User Home Screen for all System Users Figure4.1 (Guest) Figure4.2 (Hotel Manager)_ Figure4.3 (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 (Figure 4.4)</p> <p>ii) System displays details of the Hotel Manager User (Figure 4.5)</p> <p>iii) System displays details of the Admin User (Figure 4.6)</p>
5.TUCEW System user sees the user details.	
Post condition: The system provides all the details of logged in user.	

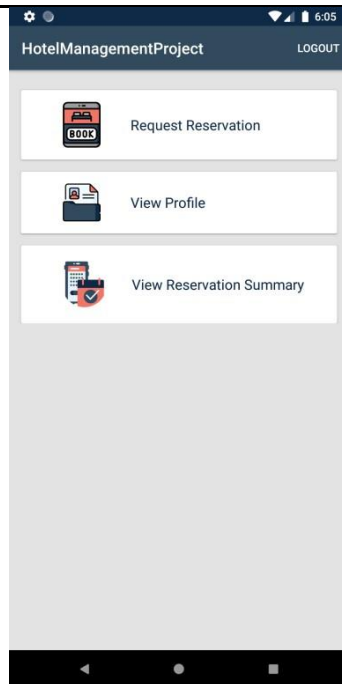


Figure4.1

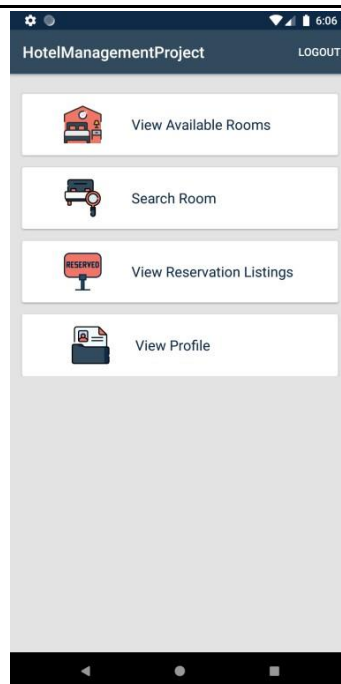


Figure4.2

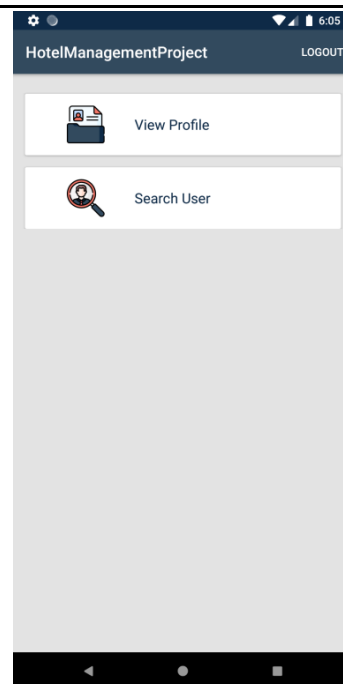


Figure 4.3

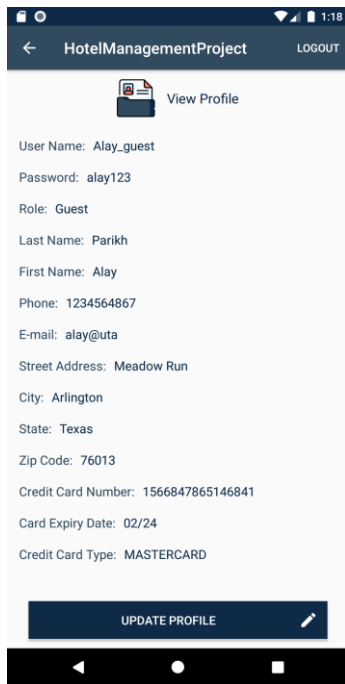


Figure 4.4

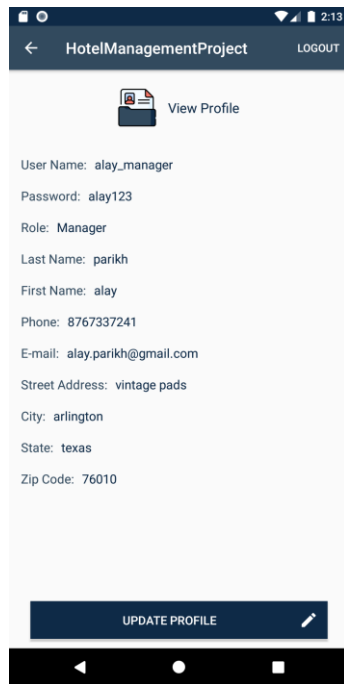


Figure 4.5

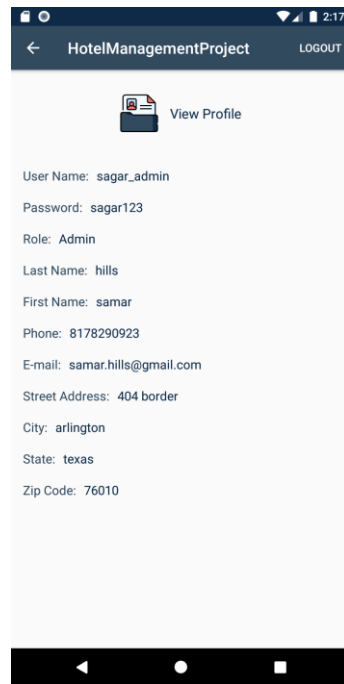


Figure 4.6

UC 5: Update Profile

Precondition: The system should have Guest and Hotel Manager logged into the system.	
Actor : Guest, Hotel Manager	System :Hotel Management Application
	0. System Displays their respective View Profile Screen for Guest and Hotel Manager (Figure 4.1 and Figure 4.2)
1. TUCBW 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 (Figure 4.3) ii) System Displays the Hotel Manager Update Profile form in Hotel Manager Update Profile Screen for Hotel manager (Figure 4.4)
3. Guest and Hotel Manager can modify one or more fields and clicks on save changes button.	4. System displays confirmation box for Guest (Figure 4.5) and Hotel Manager (Figure 4.6).
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 (Figure 4.7 and Figure 4.8) and will be redirected to the View Profile Screen with updated details. (Figure 4.9 and Figure 4.10)
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.	
Post condition: The system will update the values of Guest, Hotel Manager.	

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

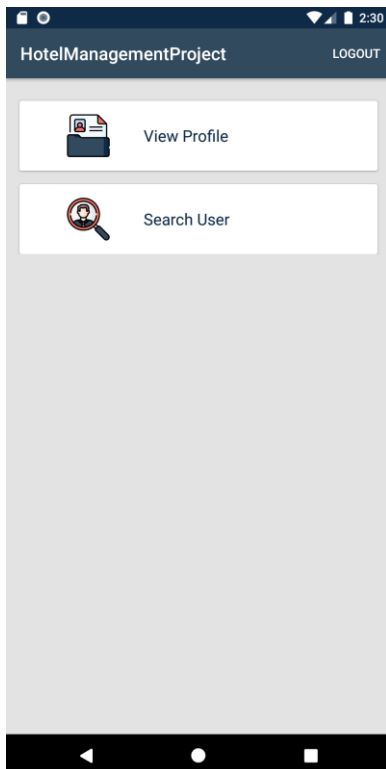
Zip Code: 76010

UPDATE PROFILE

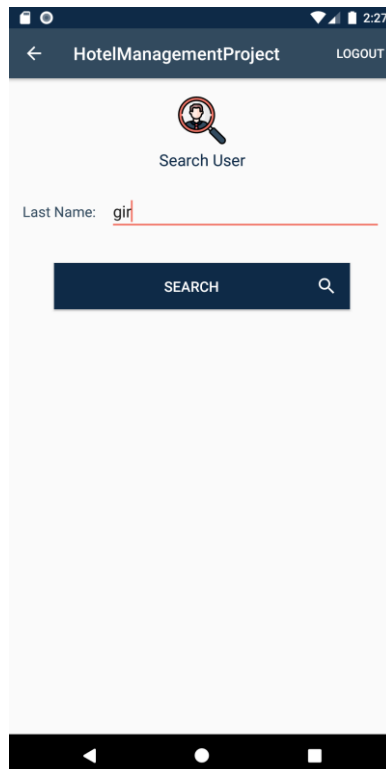
Figure 5.10

UC 13: Search User

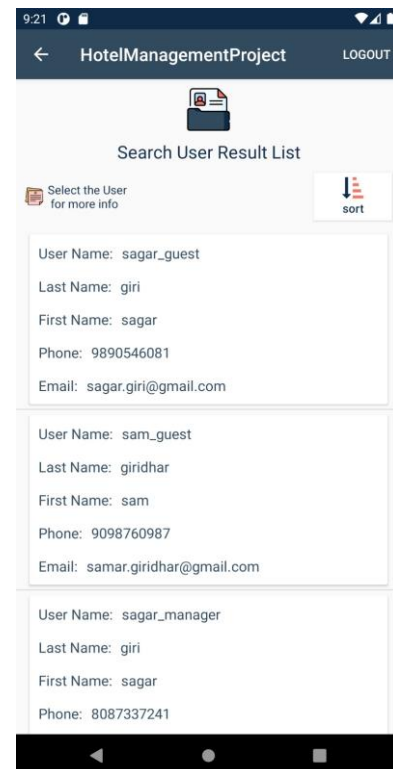
Precondition: The system shows the Admin as logged in.	
Actor : Admin	System : Hotel Management System
	0.System Displays the Admin Home Screen (Figure 13.1).
1. TUCBW The Admin selects the Search User function on Admin Home screen.	2. System displays the search user form(Figure 13.2).
3. Admin fills 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 (Figure 13.3).
5.TUCEW Admin sees the list of users that matches the search criteria in sorted order on Search User Result List screen.	
Post condition: The system provides list users to Admin	



[Figure 13.1](#)



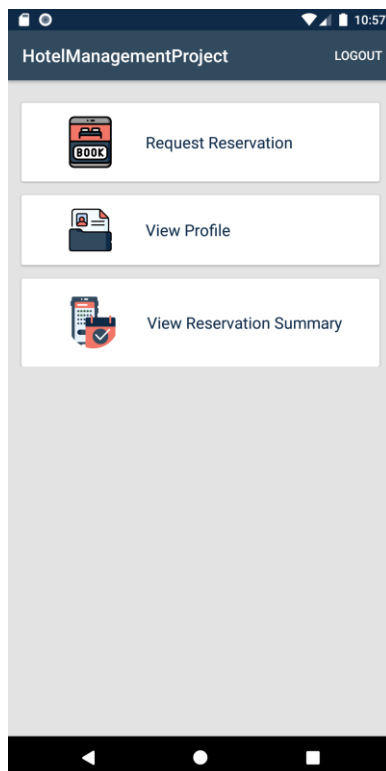
[Figure 13.2](#)



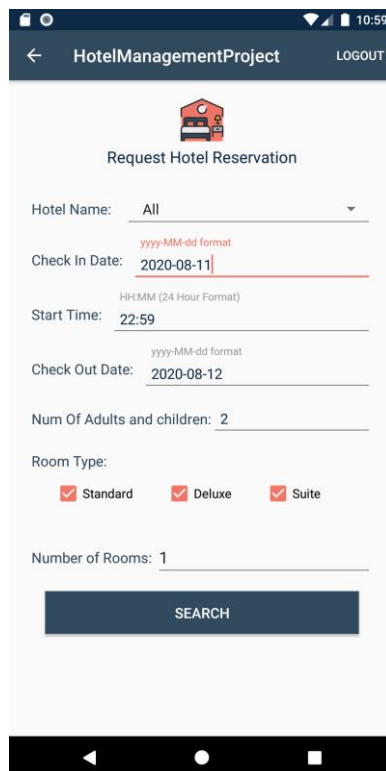
[Figure 13.3](#)

UC 6: Request Reservation

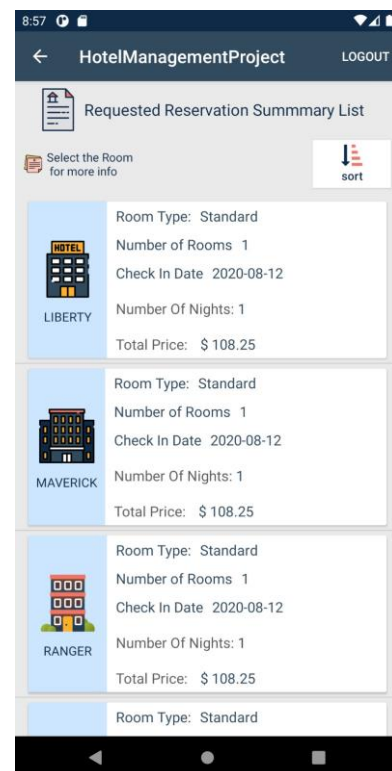
Precondition: The system shows the Guest as logged in.	
Actor : Guest	System : Hotel Management System
	0.System Displays the Guest Home Screen (Figure 6.1).
1. TUCBW The Guest selects the Request Reservation function on Guest Home screen.	2.System Displays the search form in Request Hotel Reservation screen (Figure 6.2).
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 (Figure 6.3).
5.TUCEW Guest sees the list of rooms that matches the search criteria in sorted order on Requested Reservation Summary List screen.	
Post condition: The system provides list of rooms to Guest	



[Figure 6.1](#)



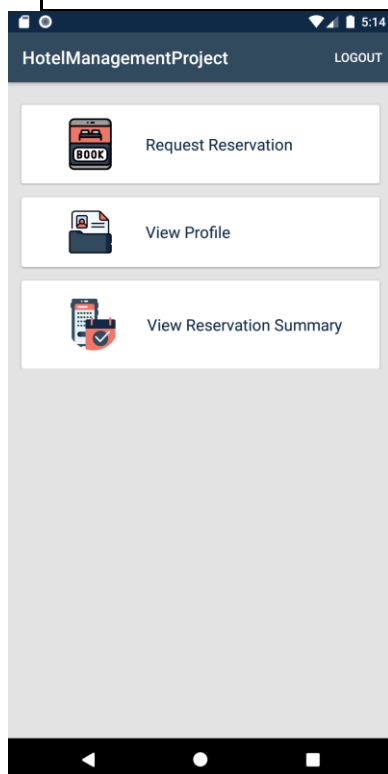
[Figure 6.2](#)



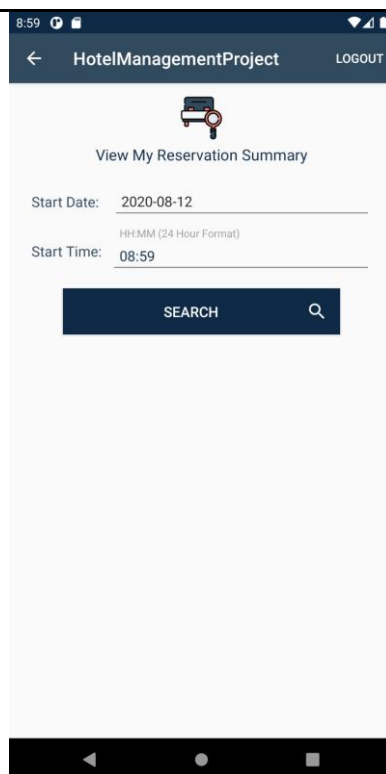
[Figure 6.3](#)

UC 9: View Reservation Summary

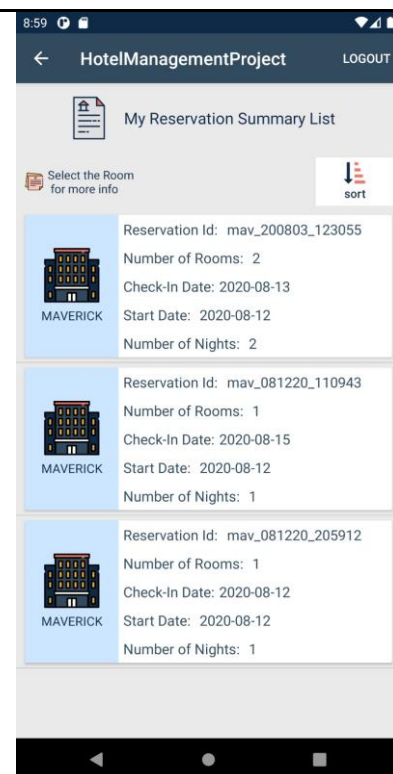
Precondition: The System shows the guest is logged in.	
Actor: Guest	System: Hotel Management System
	0. System Displays Guest Home Screen (Figure 9.1)
1. TUCBW: Guest selects the View Reservation Summary function on Guest Home Screen	2. System Displays View My Reservation Summary Form (Figure 9.2).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



([Figure 9.1](#))



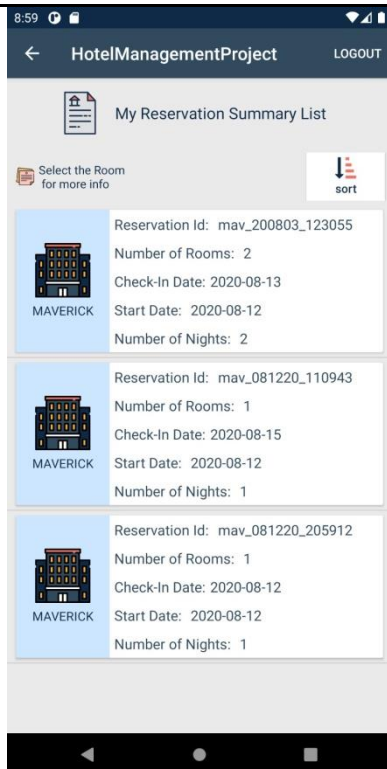
([Figure 9.2](#))



([Figure 9.3](#))

UC 10: View Selected Reservation Details

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



([Figure 10.1](#))



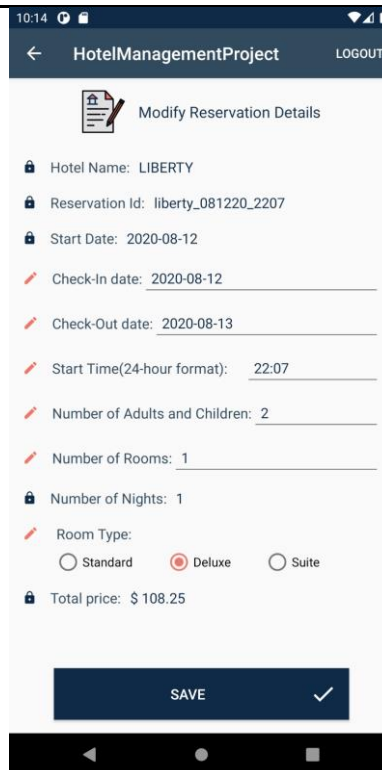
([Figure 10.2](#))

UC 11: Modify Reservation

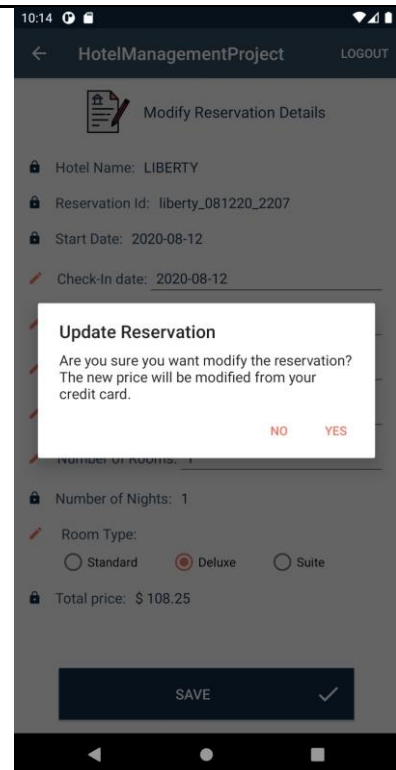
Precondition: The System has already logged in as a Guest.	
Actor: Guest	System: Hotel Management System
	0. System Displays My Reservation Details Screen (Figure 11.1).
1.TUCBW: The Guest Selects Modify Reservation function on My Reservation Details Screen	2. System displays Modify Reservation Details Form on Modify Reservation Details Screen (Figure 11.2).
3.Guest can modify one or more fields and clicks on SAVE button.	4. The system displays Confirmation box for the guest (Figure 11.3)
5. Guest clicks on “YES” button for confirmation.	*6. System updates the values; see Reservation Modified Successfully message (Figure 11.4) and redirects the user to My Reservation Details Screen (Figure 11.5).
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.	



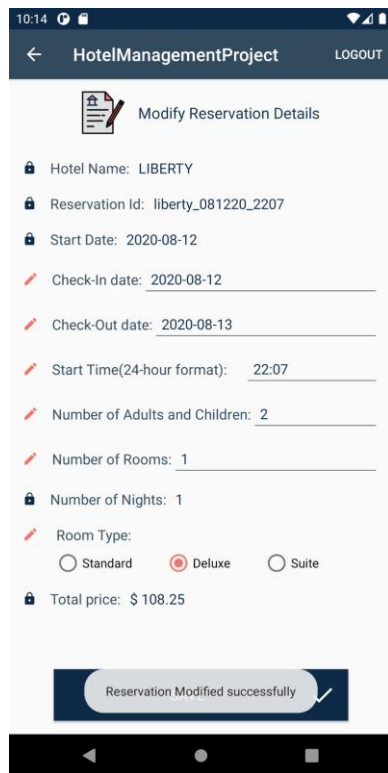
([Figure 11.1](#))



([Figure 11.2](#))



([Figure 11.3](#))



(Figure 11.4)



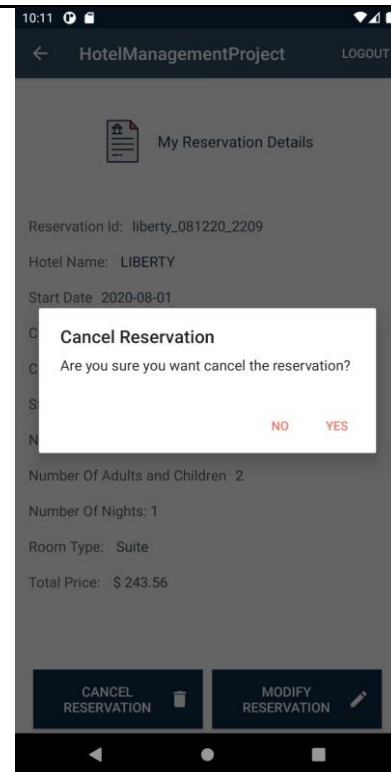
(Figure 11.5)

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 (Figure 12.1).
1.TUCBW: The Guest Selects Cancel Reservation function on My Reservation Details Screen.	2. System displays a Confirmation Box for Guest (Figure 12.2).
3.Guest clicks on Yes button for confirmation	*4. The System removes the selected reservation; Displays Reservation Cancelled Successfully message (Figure 12.3) and redirects the Guest to the My Reservation Summary List Screen (Figure 12.4).
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.	



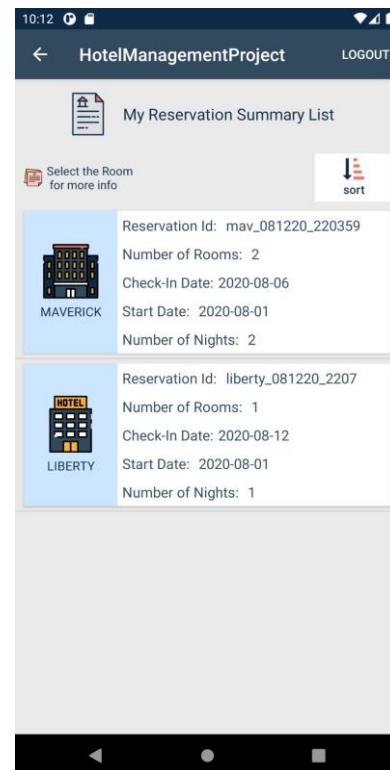
([Figure 12.1](#))



([Figure 12.2](#))



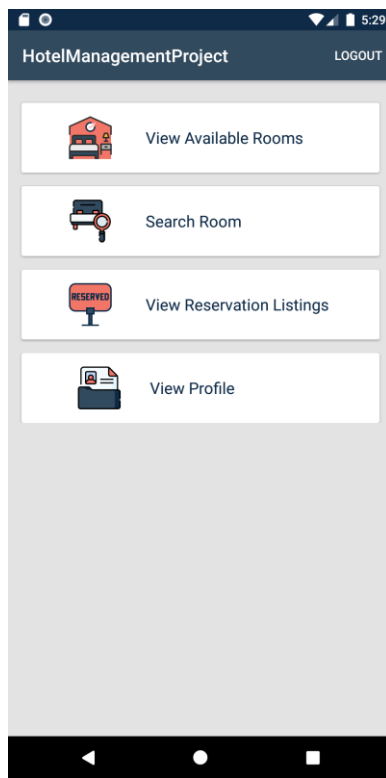
(Figure 12.3)



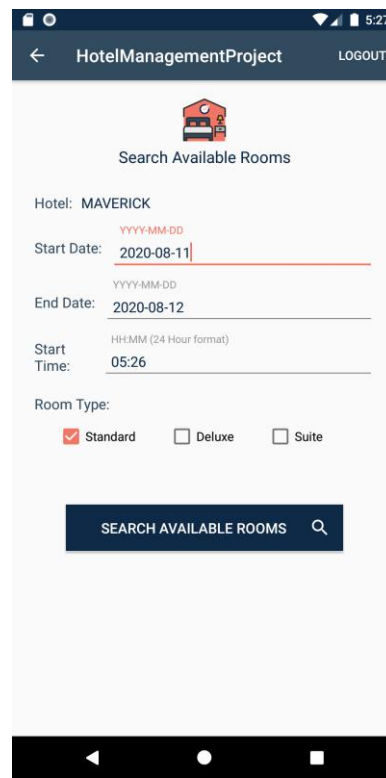
(Figure 12.4)

UC 19: View Available Rooms

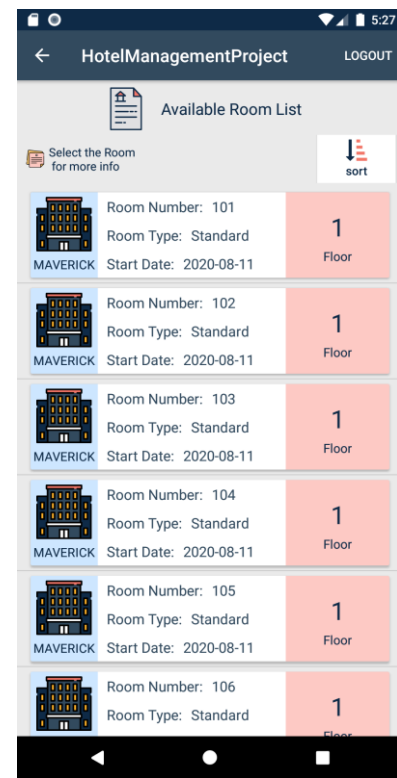
Precondition: The system shows the Manager as logged in.	
Actor : Manager	System : Hotel Management System
	0.System Displays the Manager Home Screen(Figure 19.1).
1. TUCBW The Manager selects the View Available Rooms function on Manager Home screen.	2. System displays the Search Available Rooms form(Figure 19.2).
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(Figure 19.3).
5. TUCEW Manager sees the list of available rooms that matches the search criteria in sorted order on Available Room List screen	
Post condition: The system provides list of available rooms to Manager.	



[Figure 19.1](#)



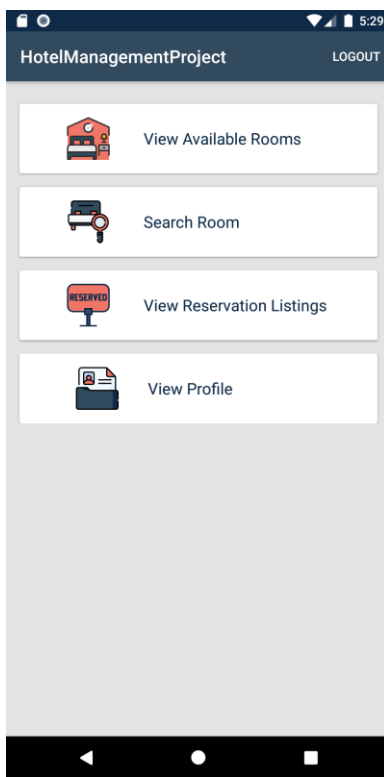
[Figure 19.2](#)



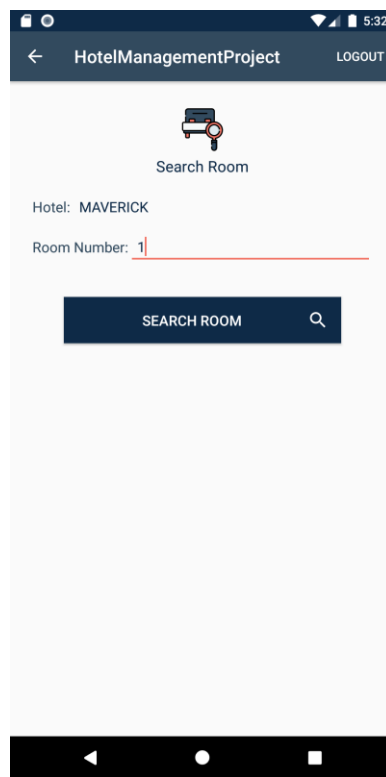
[Figure 19.3](#)

UC 20: Search Room

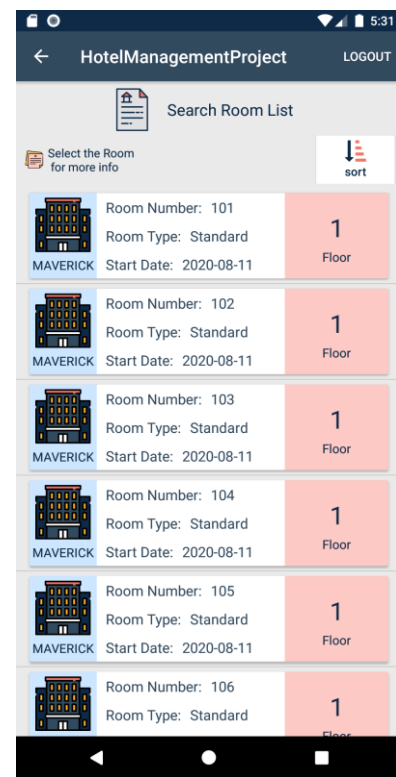
Precondition: The system shows the Manager as logged in.	
Actor : Manager	System : Hotel Management System
	0.System Displays the Manager Home Screen(Figure 20.1).
1. TUCBW The Manager selects the Search Room function in Manager Home screen.	2.System Displays the Search Room form in Search Room screen(Figure 20.2).
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(Figure 20.3).
5. TUCEW Manager sees the list of rooms that matches the search criteria in sorted order on Search Room List screen.	
Post condition: The system provides list of rooms to Manager	



[Figure 20.1](#)



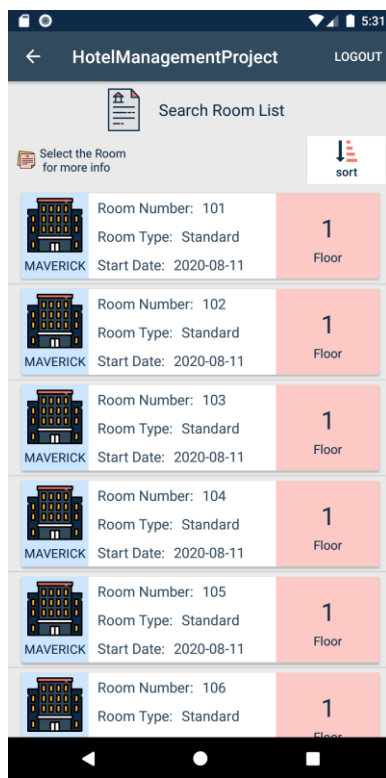
[Figure 20.2](#)



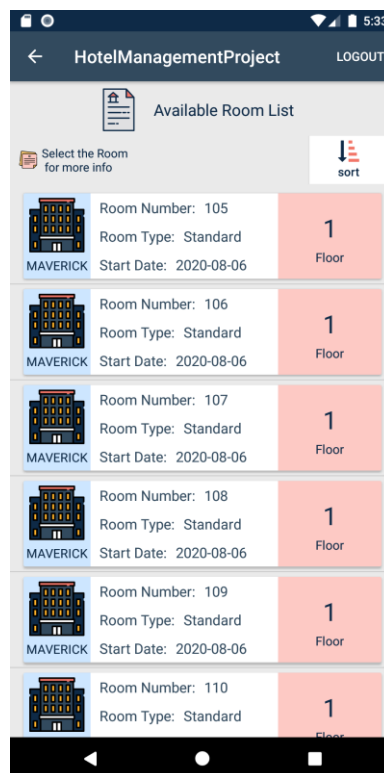
[Figure 20.3](#)

UC 21: View Room Details

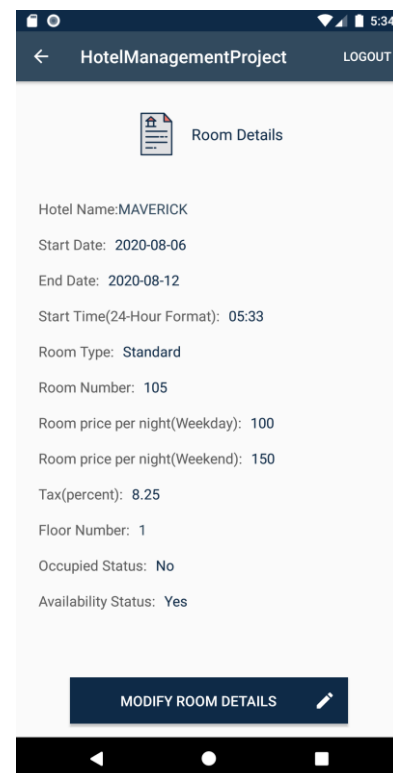
Precondition: The system shows the Manager as logged in.	
Actor : Manager	System : Hotel Management System
	0.System Displays the Search Room List Screen (Figure 21.1) or Available Room List Screen(Figure 21.2).
1. 1. TUCBW The Manager selects a room item from the list on Search Room List Screen or on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



[Figure 21.1](#)



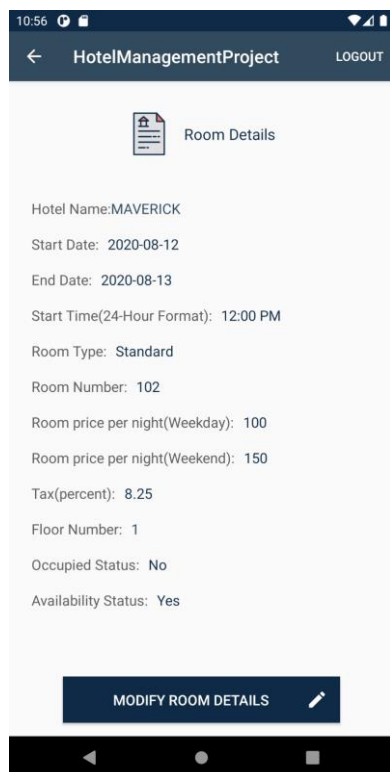
[Figure 21.2](#)



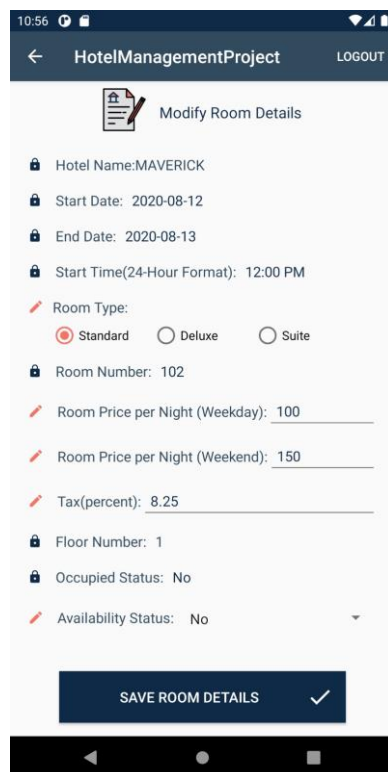
[Figure 21.3](#)

UC 22: Modify Room Details

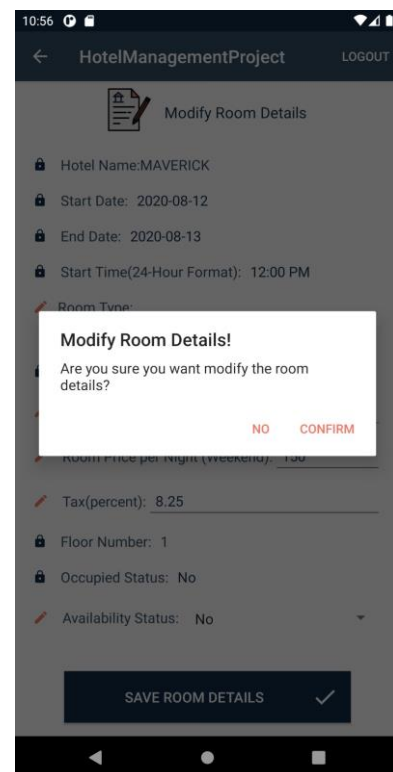
Precondition: The system shows the Manager as logged in.	
Actor : Manager	System : Hotel Management System
	0.System Displays the Room Details Screen (Figure 22.1).
1. TUCBW The Manager selects Modify Room Details Function on Room Details Screen.	2. System displays the Modify Room Details form (Figure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



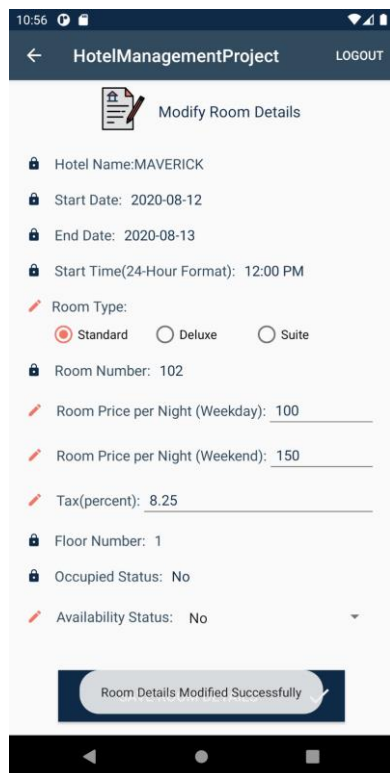
[Figure 22.1](#)



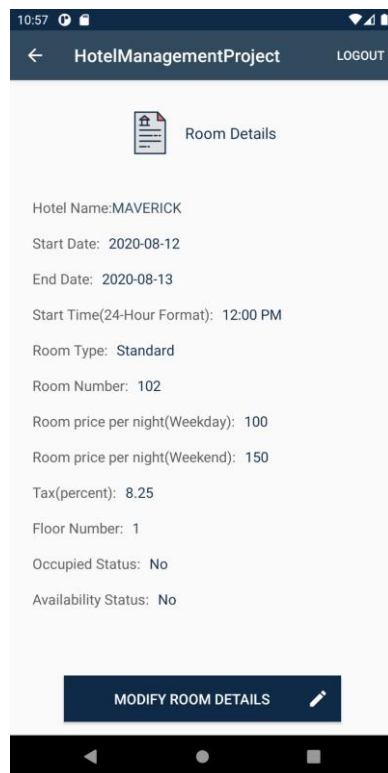
[Figure 22.2](#)



[Figure 22.3](#)



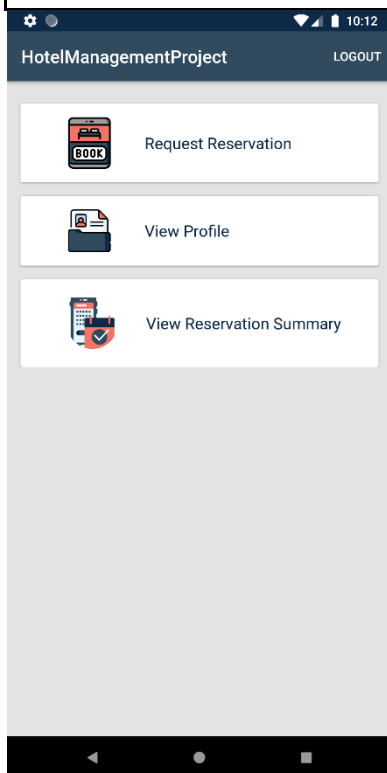
[Figure 22.4](#)



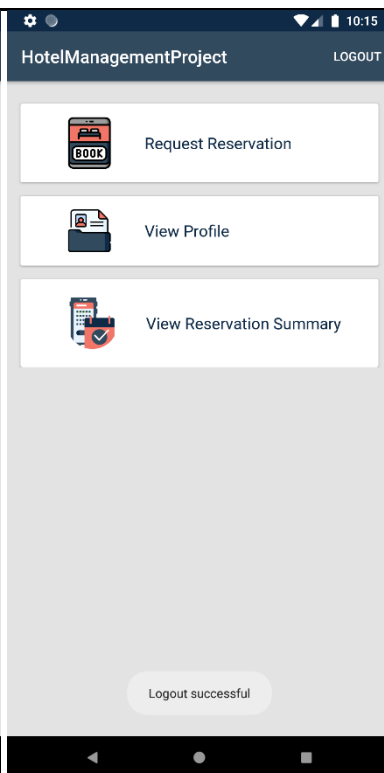
[Figure 22.5](#)

UC 3: Logout

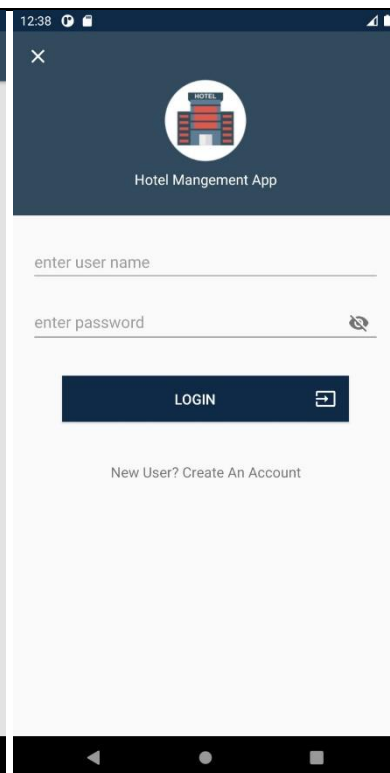
Precondition: The System should have a System User logged into the System.	
Actor: System User	System: Hotel Management Application
	0. System Displays any Functionality Screen that System user is using Such as shown in (Figure 3.1) .
1. TUCBW The System user selects Logout Function on any functionality screen.	2. System displays Logout successful message (Figure 3.2) and redirects the System user to Main Screen (Figure 3.3) .
3. TUCEW The System user sees the logout successful message and sees the return to Main Screen.	
Post condition: The System has Logged out System user from the Application.	



[\(Figure 3.1\)](#)



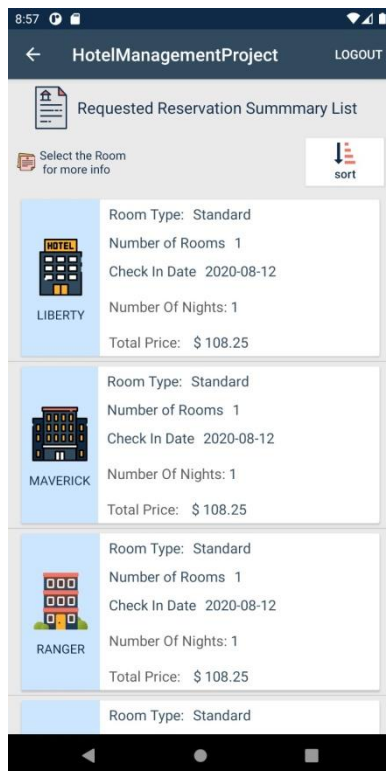
[\(Figure 3.2\)](#)



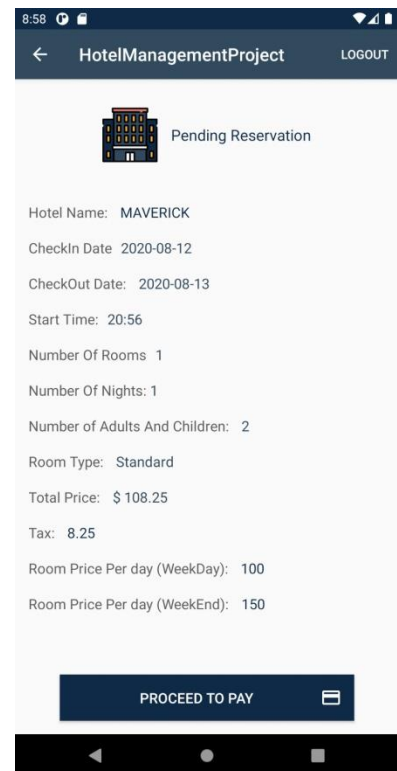
[\(Figure 3.3\)](#)

UC 7: View Pending Reservation

Precondition: The system shows the list of available rooms.	
Actor: Guest	System: Hotel Management System
	0. System Displays the Requested Reservation Summary List Screen (Figure 7.1).
1. 1. TUCBW The Guest selects a reservation item from the list on Requested Reservation Summary List screen.	*2. System reserves the reservation for the Guest and shows the selected reservation's complete details on Pending Reservation screen (Figure 7.2).
3. TUCEW Guest sees the complete details of the requested Reservations on Pending Reservation screen.	
Post condition: The system reserves selected reservation for Guest	



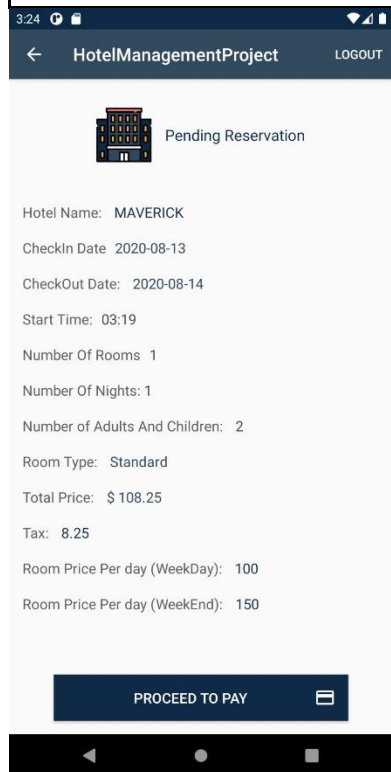
([Figure 7.1](#))



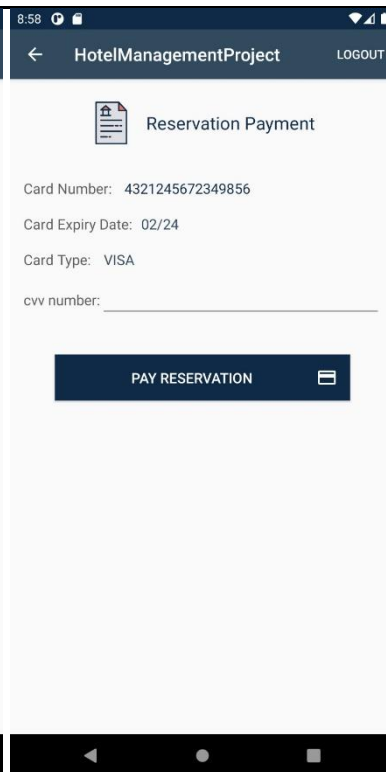
([Figure 7.2](#))

UC 8: Pay for Reservation

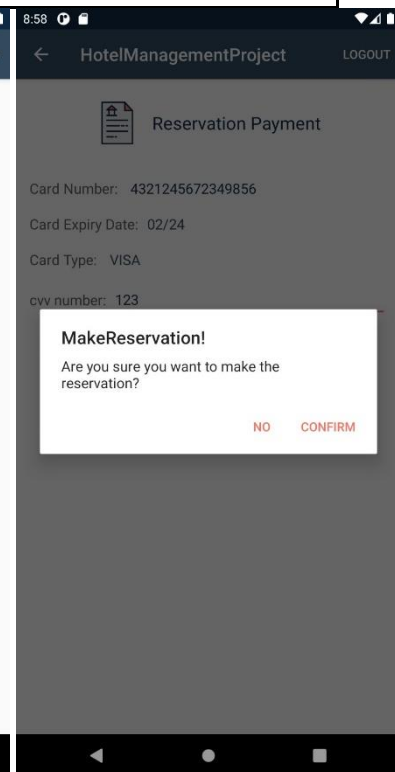
Precondition: The System has already logged in as Guest.	
Actor: Guest	System: Hotel Management Application
	0. System Displays Pending Reservation Screen (Figure 8.1).
1. TUCBW The Guest selects Proceed to Pay Function on Pending Reservation Screen.	2. System displays Reservation Payment Form (Figure 8.2).
3. Guest then enters the CVV number and clicks on the Pay Reservation Button.	4. System displays a Confirmation Box to Guest (Figure 8.3).
5. Guest then clicks on "Confirm" button for confirmation.	*6. System Confirms Reservation with "Reservation created Successfully" (Figure 8.4) message and redirects to the Reservation Details Screen (Figure 8.5).
7. TUCEW Guest sees the Reservation Details on My Reservation Details Screen.	
Post condition: The System creates the Reservation for Guest.	



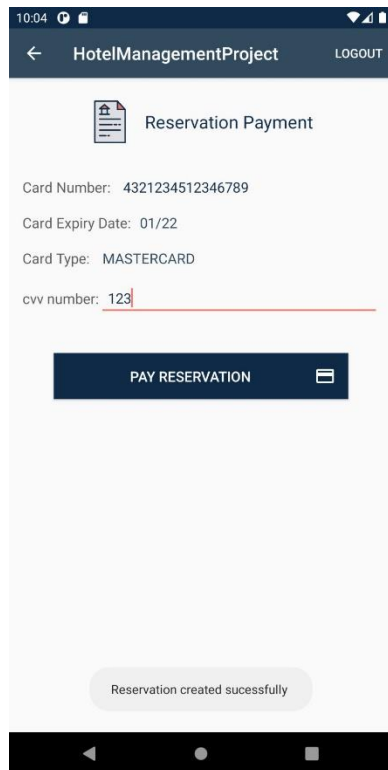
([Figure 8.1](#))



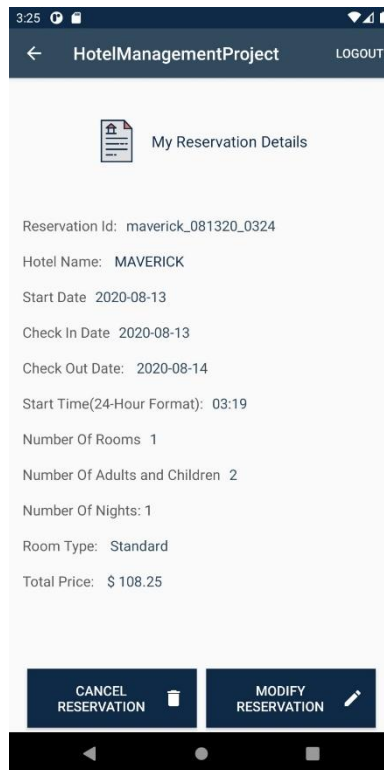
([Figure 8.2](#))



([Figure 8.3](#))



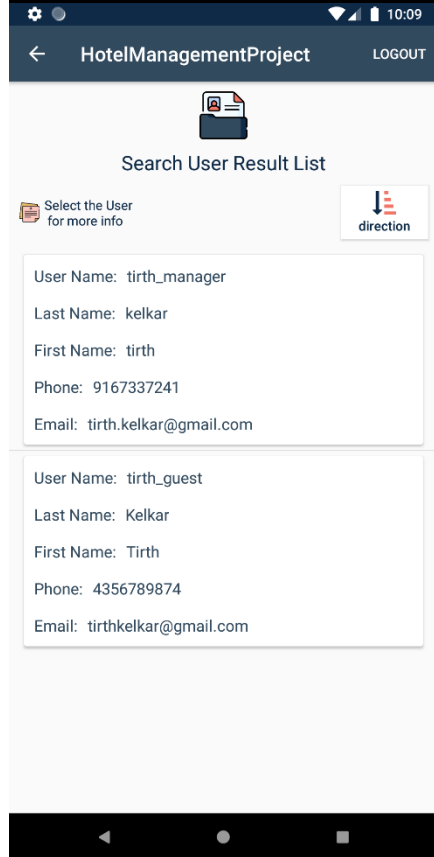
(Figure 8.4)



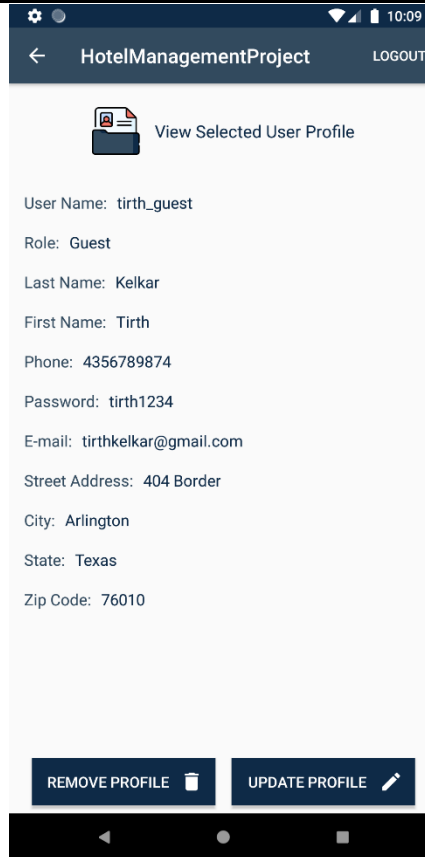
(Figure 8.5)

UC 14: View User Profile

Precondition: The System has already logged in as Admin	
Actor: Admin	System: Hotel Management Application
	0. System displays Search User Result List Screen (Figure 14.1).
1.TUCBW The Admin Selects User item from List on the Search User Result List Screen.	2. System displays Complete Details of Selected User on View Selected User Profile Screen (Figure 14.2).
3.TUCEW Admin sees the details of selected User sorted as Alphabetical order on the View Selected User Profile Screen.	
Post condition: The System provides Complete Details of the selected user.	



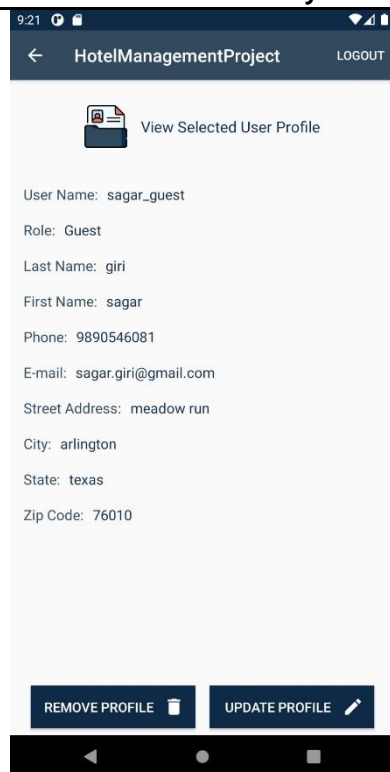
[\(Figure 14.1\)](#)



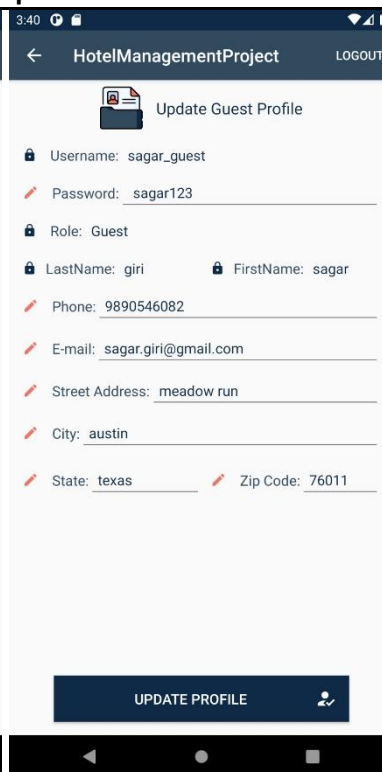
[\(Figure 14.2\)](#)

UC 15: Edit User Profile

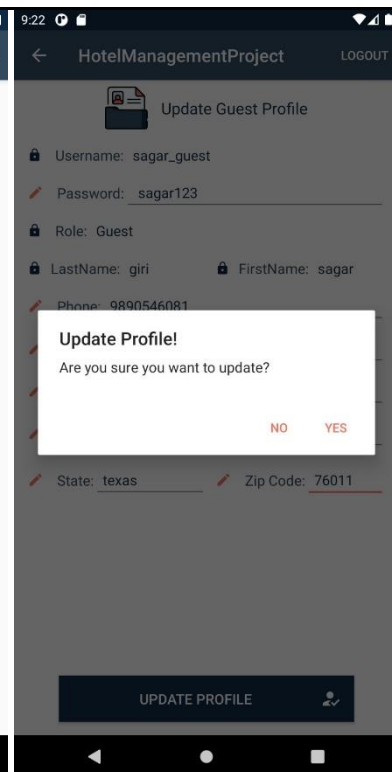
Precondition: The System has already logged in as Admin	
Actor: Admin	System: Hotel Management Application
	0. System displays View Selected User Profile Screen (Figure 15.1).
1.TUCBW The Admin Selects Update Profile Function on the View Selected User Profile Screen.	2. System displays Update Guest Profile Form (Figure 15.2).
3. Admin can update one or more fields and clicks on Update Profile Button.	4.Sytem displays a Confirmation Box to Admin (Figure 15.3).
5.Admin clicks on “Yes” for confirmation.	*5. System updates Guest Profile with updated data and displays “Profile Updated Successfully” (Figure 15.4) message and System redirects Admin to the View Selected User Profile Screen (Figure 15.5).
6. TUCEW: Admin sees “Profile Updated Successfully” also sees the return to the View Selected User Profile Screen with updated details.	
Post condition: The System Updates values of the Selected User Profile.	



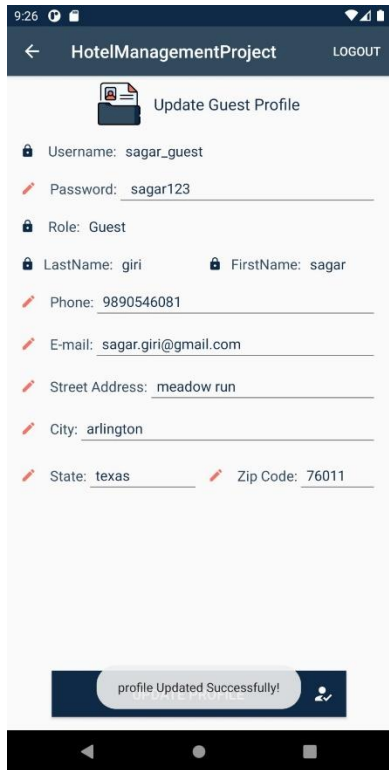
([Figure 15.1](#))



([Figure 15.2](#))



([Figure 15.3](#))



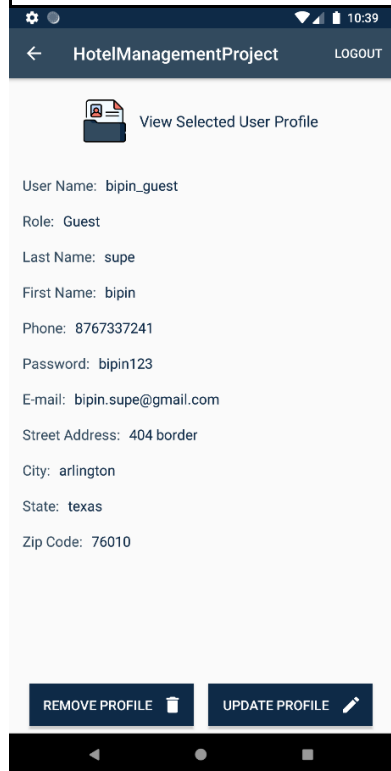
(Figure 15.4)



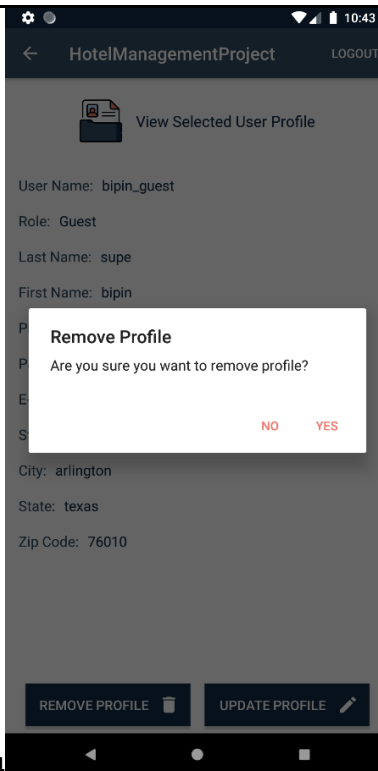
(Figure 15.5)

UC 16: Remove Guest or Manager

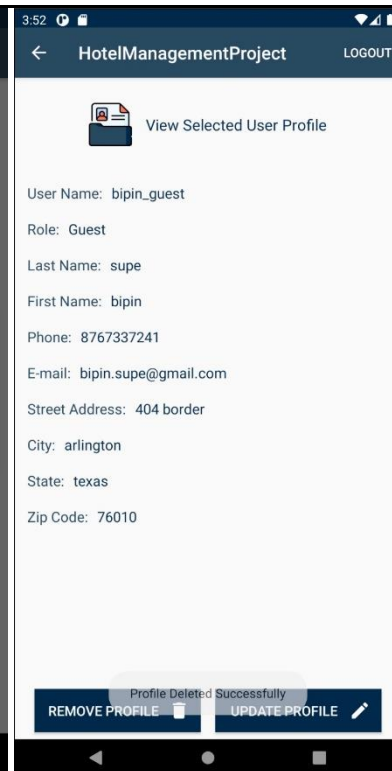
Precondition: The System has already logged in as Admin	
Actor: Admin	System: Hotel Management Application
	0. System displays View Selected User Profile Screen (Figure 16.1) .
1.TUCBW The Admin Selects Remove Profile Function on the View Selected User Profile Screen.	2. System displays a Confirmation Box to System User (Figure 16.2) .
3. Admin clicks on “Yes” as confirmation to Remove Selected User.	*4. System Removes Guest Profile and displays “Profile Deleted Successfully” (Figure 16.3) message and System will redirect system user to Search User Screen (Figure 16.4) .
5. TUCEW: Admin sees “Profile Deleted Successfully” message and sees the return on Search User Screen.	
Post condition: The System Removes the Selected User Profile.	



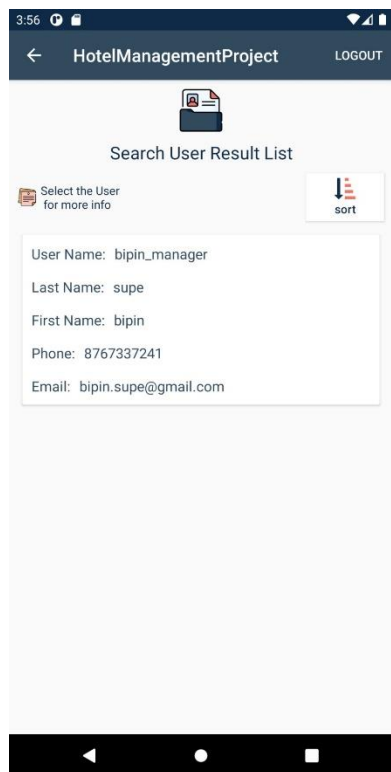
[\(Figure 16.1\)](#)



[\(Figure 16.2\)](#)



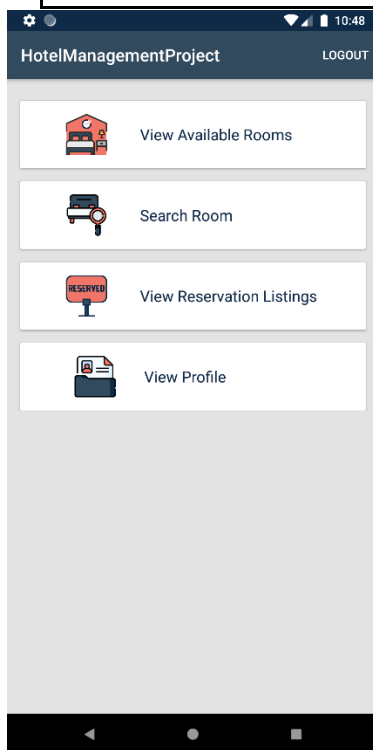
[\(Figure 16.3\)](#)



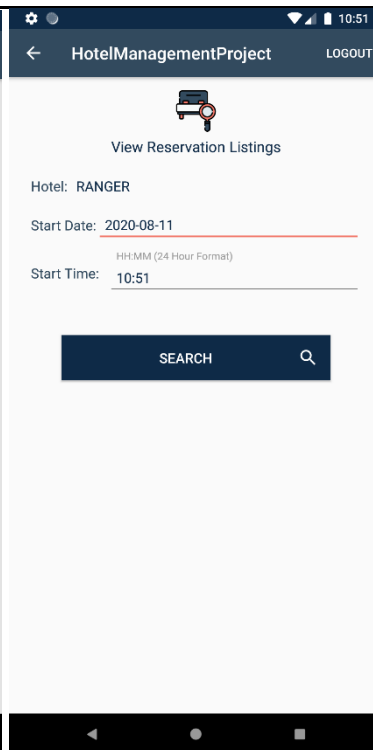
(Figure 16.4)

UC 17: View Reservation Listings

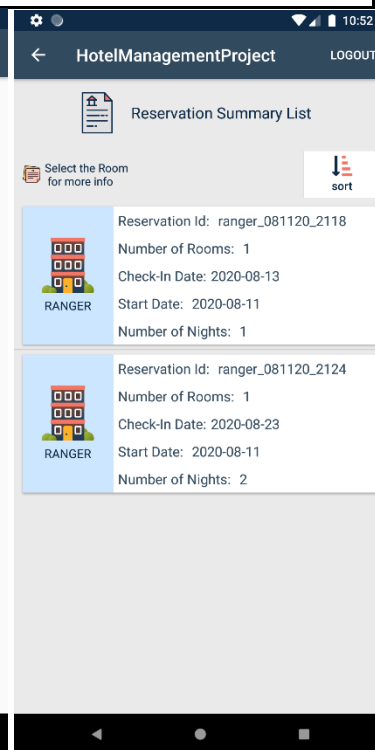
Precondition: The System has already Logged in as Manager	
Actor: Manager	System: Hotel Management System
	0. System Displays Manager Home Screen (Figure 17.1)
1. TUCBW: Manager selects the View Reservation Listings Function on Manager Home Screen.	2. System Displays View Reservation Listings Form (Figure 17.2).
3. Manager fills the View Reservation Listings Form & clicks on Search Button	4. System displays the list of reservations that matches the search criteria sorted by Check-in Date in Chronological order in Reservation Summary List Screen (Figure 17.3).
5. TUCEW: The Manager sees reservation list that matches the list in sorted order in Reservation Summary List Screen.	
Postcondition: The System provides the Reservation list to Manager.	



([Figure 17.1](#))



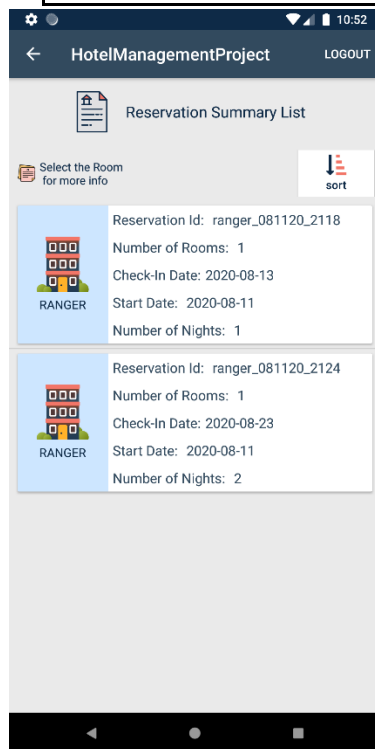
([Figure 17.2](#))



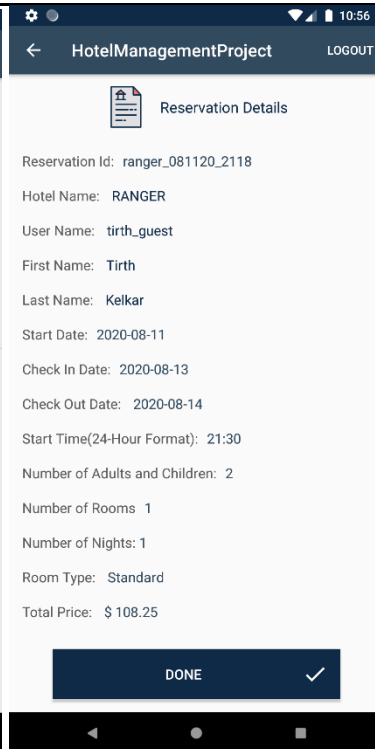
([Figure 17.3](#))

UC 18: View Specific Reservation

Precondition: The System has already Logged in as Manager.	
Actor: Manager	System: Hotel Management System
	0. System displays the Reservation Summary List Screen (Figure 18.1).
1. TUCBW: Manager selects a Specific Reservation from Reservation Summary List Screen.	2. System Displays Complete details of Selected Reservation on Reservation Details Screen (Figure 18.2).
3. TUCEW: The Manager sees the Details of Selected reservation on Reservation Details Screen.	
Postcondition: The System provides complete Details of Selected Reservation.	



([Figure 18.1](#))



([Figure 18.2](#))