

Use cases & Front End

Members:

- Bradley Vo
- Phillip Presuel
- Yi Wei Lee
- Jorge Diaz

Github: <https://github.com/Hoanh-Vo/CPSC463-Project2>

Use-Case (Textual)

Bradley Vo-----

1) Show all rooms and their status.

ID

1. UC-01

Primary Actor

1. Front Desk Staff.

Preconditions

1. Staff has logged in.

Success Guarantee

1. Application shows all the rooms; each room shows its number, room type and status.

Failure End Condition

1. Application shows blank page.

Main Success Scenario

1. Staff clicks on the 'Show All Rooms' sidebar on the left.
2. The system queries rooms from the database.
3. The system displays rooms on the webpage.

Extensions

1. a) If there is no data in the database, clicking “show all rooms’ will show a blank page.
b) If there is no new adding or updating data in the database, clicking “show all rooms’ multiple times will show the same result.

2) Show a list of the rooms and who is staying

ID

1. UC-02

Description

Showing a list of the rooms and who is staying in the room for each day for the next 7 days.

Primary Actor

1. Front Desk Staff.

Preconditions

1. Staff has logged in.

Success Guarantee

1. Application shows a list of the room going down vertically and the next 7 days going across horizontally.

Failure End Condition

1. None.

Main Success Scenario

1. Staff clicks on the 'Rooms Next 7 Days' sidebar on the left.
2. The system queries rooms from the database.
3. The system displays rooms on the webpage.

Extensions

3. a) If the room is reserved for that day, it will have the guests name.
3. b) If the room is not reserved, it will be blank.

Phillip Presuel -----

3) Customer Reservation Screen

ID

- UC-03

Primary Actor

- Front Desk Staff.

Preconditions

- Staff is logged in and made a reservation to input.

Success Guarantee

- Application shows the guest's reservation and pertinent information.

Failure End Condition

- None.

Main Success Scenario

- Staff clicks on the 'Reservations' sidebar on the left.
- The system queries available rooms from the database.
- The system displays the reservations on the webpage.

Extensions

- If the guest has made a valid reservation it will first notify them, then display the pertinent information.
- If the guest hasn't made a valid reservation it will notify the guest that a valid reservation hasn't been made.

Phillip Presuel -----

4) A housekeeping screen to manage housekeeping

ID

- UC-04

Primary Actor

- .Front Desk Staff.

Preconditions

- Staff is handling the account of a guest with a reservation.

Success Guarantee

- Application shows the guest's housekeeping request.

Failure End Condition

- .None.

Main Success Scenario

- Staff clicks on the "Housekeeping" sidebar on the left.
- The system queries current status of housekeeping, default will be scheduled.
- The system displays if they want to cancel or schedule.

Extensions

- The guest will be informed of their current housekeeping status, and allow them to modify it.

Yi Wei Lee-----

5) A guest profile screen to show guest information

ID

- UC-05

Primary Actor

- Front Desk Staff..

Preconditions

- Staff has logged in

Success Guarantee

- Show the guest information such as, Date of birth, name etc...

Failure End Condition

- Application shows an error message saying guest not found.

Main Success Scenario

- Staff enter the guest information
- The system displays the person's information on the webpage

Extensions

- If the person did not enter the information pop up the error

Yi Wei Lee-----

6) Current stay screen showing a guest's information for their current stay.

ID

- UC-06

Primary Actor

- Front Desk Staff.

Preconditions

- Staff has logged in

Success Guarantee

- Show the guest current stay.

Failure End Condition

- Application shows an error message saying guest not found.

Main Success Scenario

- Staff enter the guest information
- The system displays the person's stay and person's information

Extensions

- Error when the guest have information but did not show out the stay.

Jorge Diaz -----

7) A search screen to search for guests

ID

- UC-07

Primary Actor

- Front Desk Staff.

Preconditions

- Staff has logged in.

Success Guarantee

- Application shows the name(s) for the person that was searched for.

Failure End Condition

- Application shows an error message saying guest not found.

Main Success Scenario

- Staff clicks on the 'Search for a Guest' tab on the left.
- The system queries for that specific person from the database.
- The system displays the person's information on the webpage.

Extensions

- If that person is not in the database, searching for that person will show an error message.
- Clicking search multiple times will result in the same results unless that guest has been removed from the database (left the hotel) or a new guest has been added.

Jorge Diaz -----

8) A daily report screen

ID

- UC-08

Primary Actor

- Front Desk Staff.

Preconditions

- Staff has logged in.

Success Guarantee

- Application shows a screen with modules displaying the current number of guests, reservations, clean rooms, dirty rooms and so on.

Failure End Condition

- Application shows blank page.

Main Success Scenario

- Staff clicks on the 'Daily report' tab on the left.
- The system queries the database for results.
- The system displays all modules on screen.

Extensions

- If there is no data in the database, clicking "Daily Report" will show a blank page.
- Daily report will only be generated on request.

Front-End (Screenshots)

Current working link of our application:

<http://ecs.fullerton.edu/~cs431s24/hotel-app/>

1) Show all rooms and their status.

The screenshot shows a web browser window with the URL `ecs.fullerton.edu/~cs431s24/hotel-app/all-rooms.php`. The application is titled "ABC HOTEL" and has a sidebar menu with the following items: Dashboard, Show All Rooms (selected), Rooms Next 7 Days, Tabs & Panels, Responsive Tables, Forms, Multi-Level Dropdown, and Empty Page. The main content area is titled "All Hotel Rooms with their current status" and displays a table of rooms.

Rooms Tables

Query: ran successfully!

10 records per page

Search:

Room Number	Room Type	Available	Status	Rate Per Day
A123	King	No	Occupied	\$39.89
A339	Double Queen	No	Dirty	\$55.55
B300	Suite	Yes		\$99.99
B342	King	Yes		\$99.99
C21	Double Queen	Yes		\$99.99
C22	Queen	Yes		\$99.99

Showing 1 to 6 of 6 entries

Previous 1 Next

2) Show a list of the rooms and who is staying

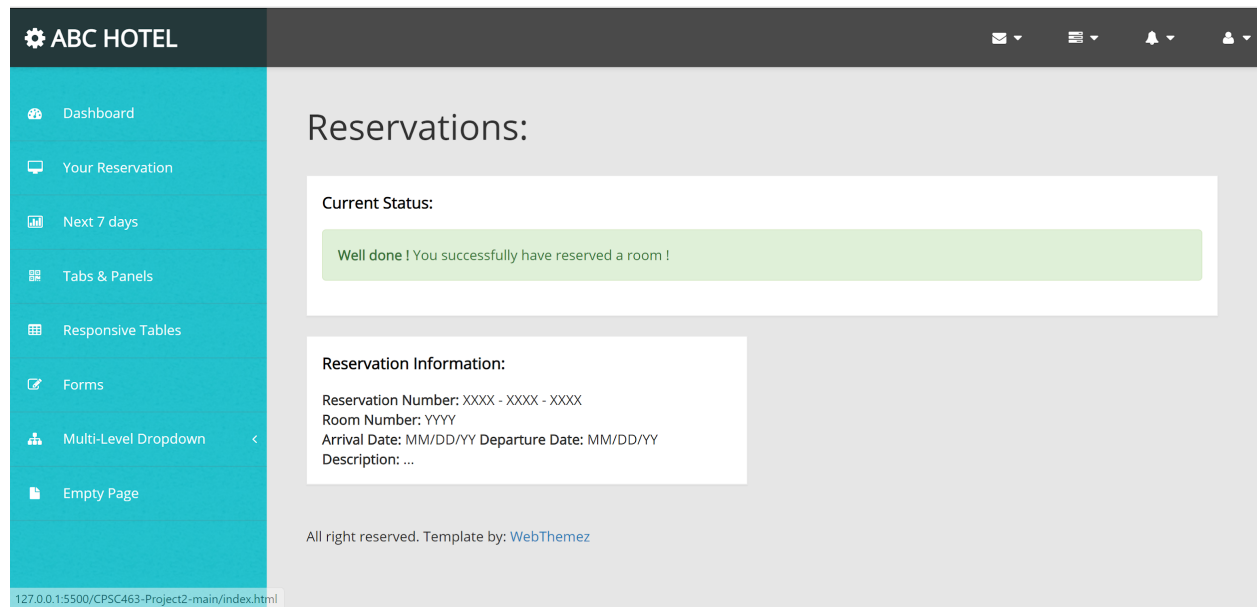
The screenshot shows a web application titled "ABC HOTEL" with a sidebar menu containing: Dashboard, Show All Rooms, Rooms Next 7 Days (selected), Tabs & Panels, Responsive Tables, Forms, Multi-Level Dropdown, and Empty Page. The main content area is titled "Hotel Rooms who staying in the room for next 7 days". Below this is a "Rooms Tables" section with a message "Query: ran successfully!", a dropdown for "10 records per page", and a search bar. The table displays room numbers and guest names for the next seven days (Fri to Thu).

Room	Fri	Sat	Sun	Mon	Tue	Wed	Thu
B300		Van	Van	Van	Van	Van	Van
B342	Julie	Julie	Julie	Julie			
C21					David	David	David
C22				Bradley	Bradley	Bradley	Bradley

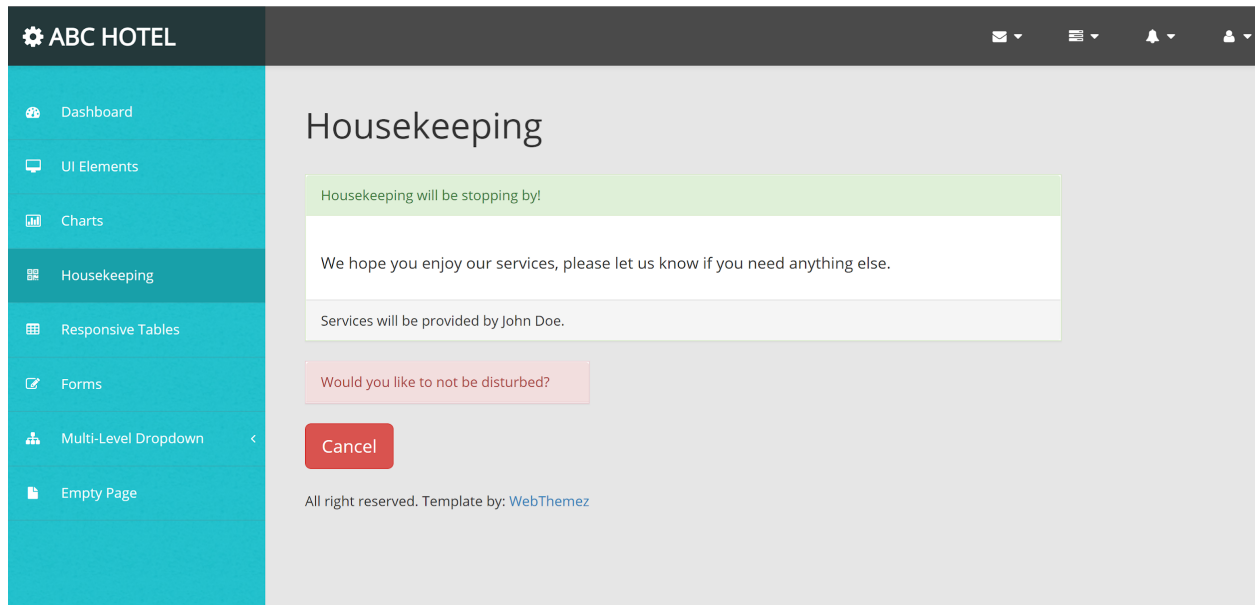
Showing 1 to 4 of 4 entries

Navigation: Previous 1 Next

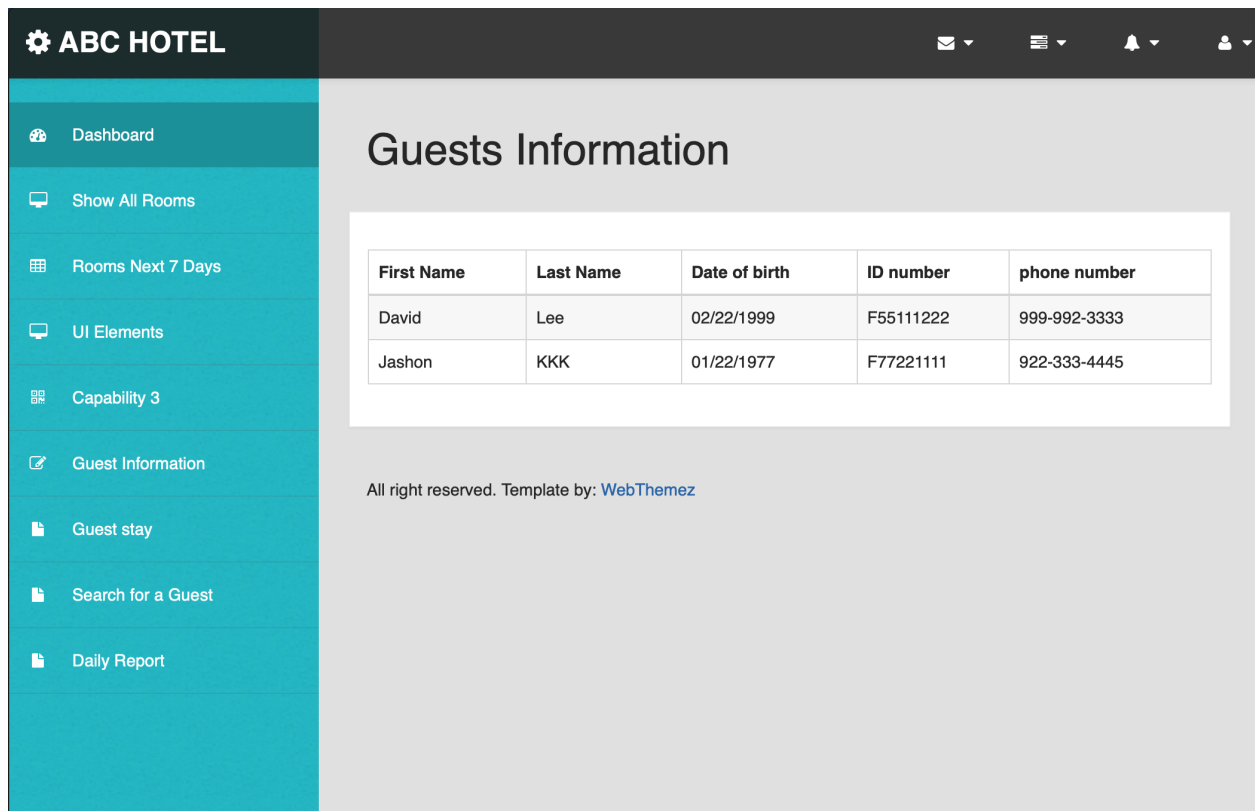
3) Customer Reservation Screen




4) A housekeeping screen to manage housekeeping





5) Guests Information





6)current stay.





 Dashboard


 Show All Rooms


 Rooms Next 7 Days


 UI Elements

 Capability 3

 Guest Information

 Guest stay

 Search for a Guest

 Daily Report

Guests Stay

First Name	Last Name	CI day	CO day	Room number
David	Lee	03/22/2022	03/30/2022	609
Josh		03/22/2022	03/30/2022	1022

All right reserved. Template by: [WebThemez](#)

7) Search for a Guest

ABC HOTEL

Dashboard

Show All Rooms

Rooms Next 7 Days

Your Reservation

Housekeeping

Guest Information

Guest Stay

Search for a Guest

Daily Report

Search for a Guest

jorge

First Name	Last Name	Room Number	Phone Number	Street Address	Check In Date	Checkout Date
Jorge	Diaz	125	951-245-6789	1234 Street Drive	May 21, 2021	May 23, 2021
Mark	Ruben	137	951-346-9876	2348 Other Street Ave.	April 01, 2021	April 08, 2021

All right reserved. Template by: [WebThemez](#)

8) Daily Report

