



(WEB322) -Web Programming Tools and Frameworks

Assignment4-6

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Overview

this project is based on previews assignment 1-3. The added functions include:

1. sign up a new user
2. log in as normal user or administrator
3. administrator mode can create a new room include basic information such as title, price, location, description and upload a picture. Also, the administrator can edit room information.
4. Normal user mode can book a room and view the booked rooms list
5. All user include normal user, administrator or visitor can see a room page which contains all rooms is uploaded.

Github: https://github.com/castielqiu/web322_assignment4-6

Heroku: <https://airbnb4to6.herokuapp.com/>

Sign up form

First Name

Last Name

Email

Password

Confirm your Password

Birthday

Sign up

After click "Sign up", the app will check:

1. all fields must be filled
2. Email address is unique to each user. If Email address has been used by previous user then new user needs a new Email address to register.
3. Password and confirm password must be the same

If either one of the rules not meet then will lead to error message for that field.

Below are error messages:

First Name

Last Name

Email

Password

Confirm your Password

Birthday

Please enter your password

Please enter your Lastname

Please enter your Firstname

Please enter your Email

Please enter your Password

Please enter your Birthday

Sign up

First Name

Last Name

Email

Password

Confirm your Password

Birthday

Email address is been used.

Sign up

First Name

Last Name

Email

Password

Confirm your Password

Birthday

invalid confirm password

Sign up

Once all requirements meet new user will add to database then direct to log in page.

Also user password we use bcryptjs to hash and save in database

test.users

COLLECTION SIZE: 4.26KB TOTAL DOCUMENTS: 23 INDEXES TOTAL SIZE: 72KB

[Find](#) [Indexes](#) [Aggregation](#)

[INSERT DOCUMENT](#)

FILTER {"filter": "example"} [Find](#) [Reset](#)

QUERY RESULTS 1-20 OF MANY

>

```
_id: ObjectId("5ddd50532ca29427d87e5b16")
birthday: 2019-11-08T00:00:00.000+00:00
firstname: "asdf"
lastname: "asdf"
email: "castielqiu@gmail.com"
password: "$2a$10$RVznkQYY4qOytKnV2g0r1..hpG0iu90ShU1D/YtvHh5RDF1TyOPfq"
__v: 0
```

[Edit](#) [Copy](#) [Share](#) [Delete](#)

Log in Form

Username

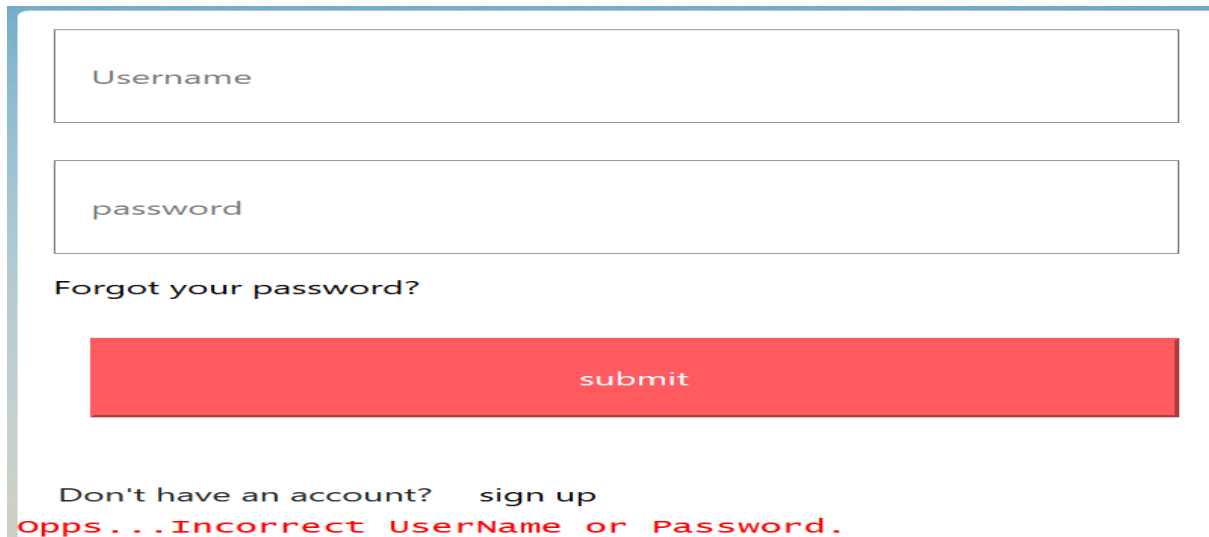
password

Forgot your password?

submit

Don't have an account? [sign up](#)

In this page user log in with their email and password. Either Email address or password is wrong, the web page will show error message. If visitor doesn't have account, at the bottom of form also has a "sign up" link can direct to sign up page.



Username

password

[Forgot your password?](#)

submit

[Don't have an account? sign up](#)

Oops...Incorrect UserName or Password.

If visitor hasn't register yet, the web page navigation bar will show "sign up" and "log in" on the right



Once user successful logged in, the navigation bar will show "log out". The "sign up" and "log in" will disappear once user log out, the session will be destroyed.



The router is protected.

Visitor will direct to log in page if he tries to access create room, edit room or book page without log in.

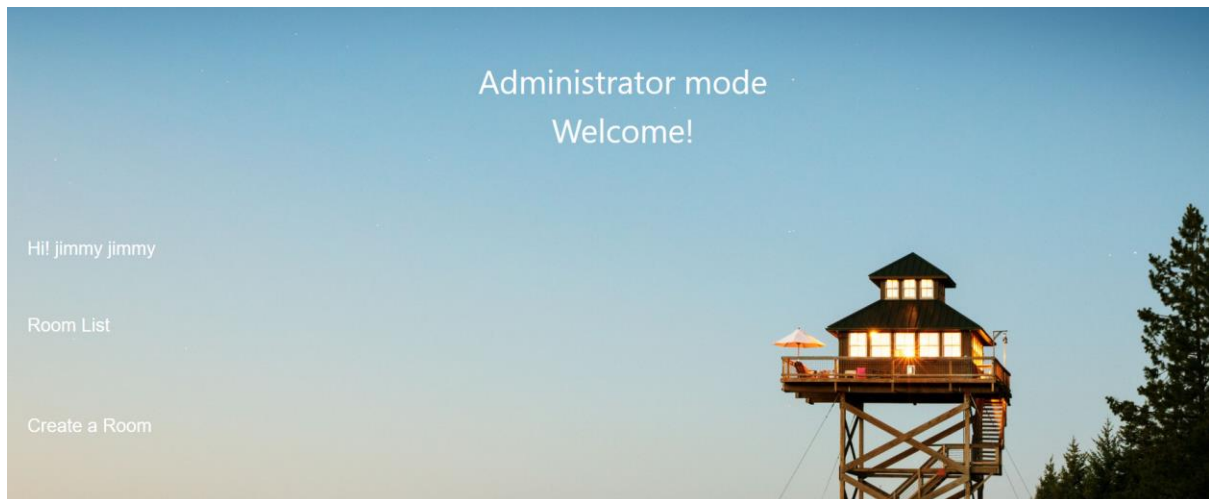
If user have passed the authentication then the web will direct user to either user page or administrator page

We manually change a user to administrator

```
_id: ObjectId("5de5c339ec6045413435d43c")
birthday: 2019-12-19T00:00:00.000+00:00
firstname: "jimmy"
lastname: "jimmy"
email: "Jimmy2@myseneca.ca"
password: "$2a$10$DvS2HxGIvpr/MXTv1/mTSu9jBXuIosk0PQ0hwpRrvKDDDya2RcrGK"
__v: 0
admin: true
```

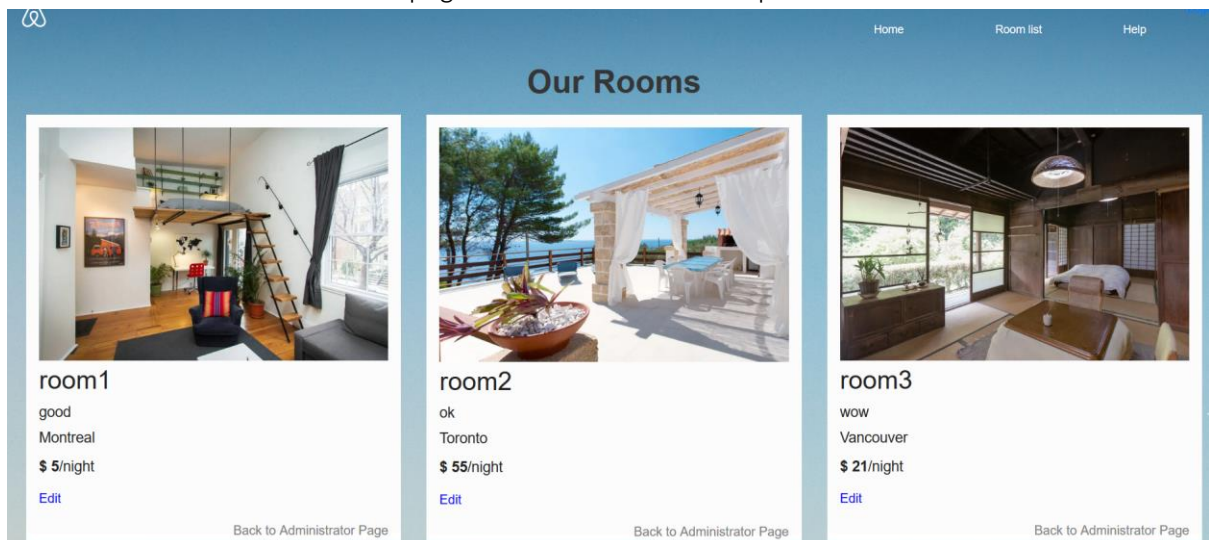


Administrator page

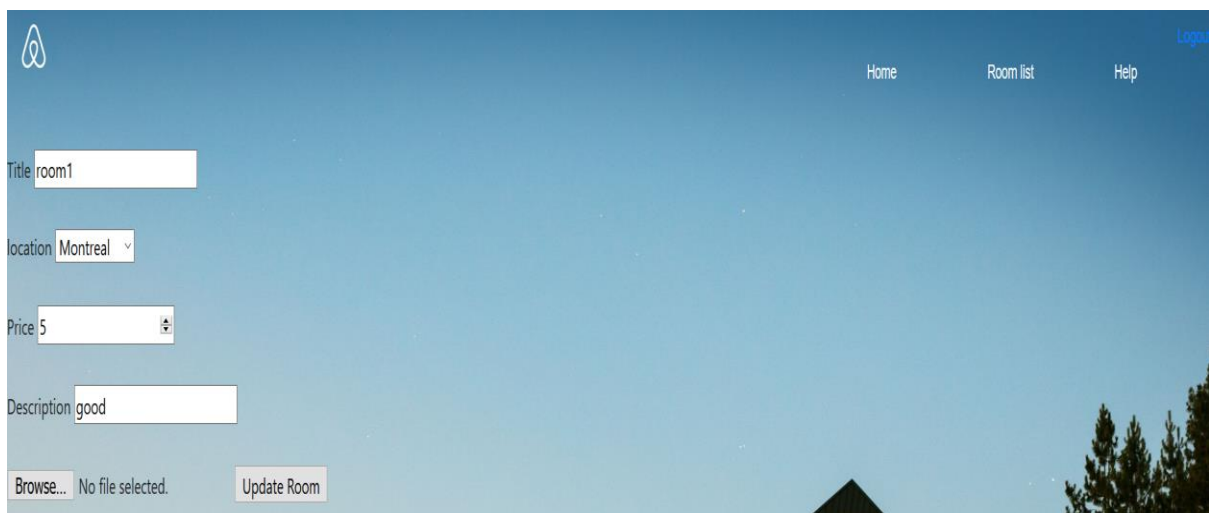


this page contains 2 links.

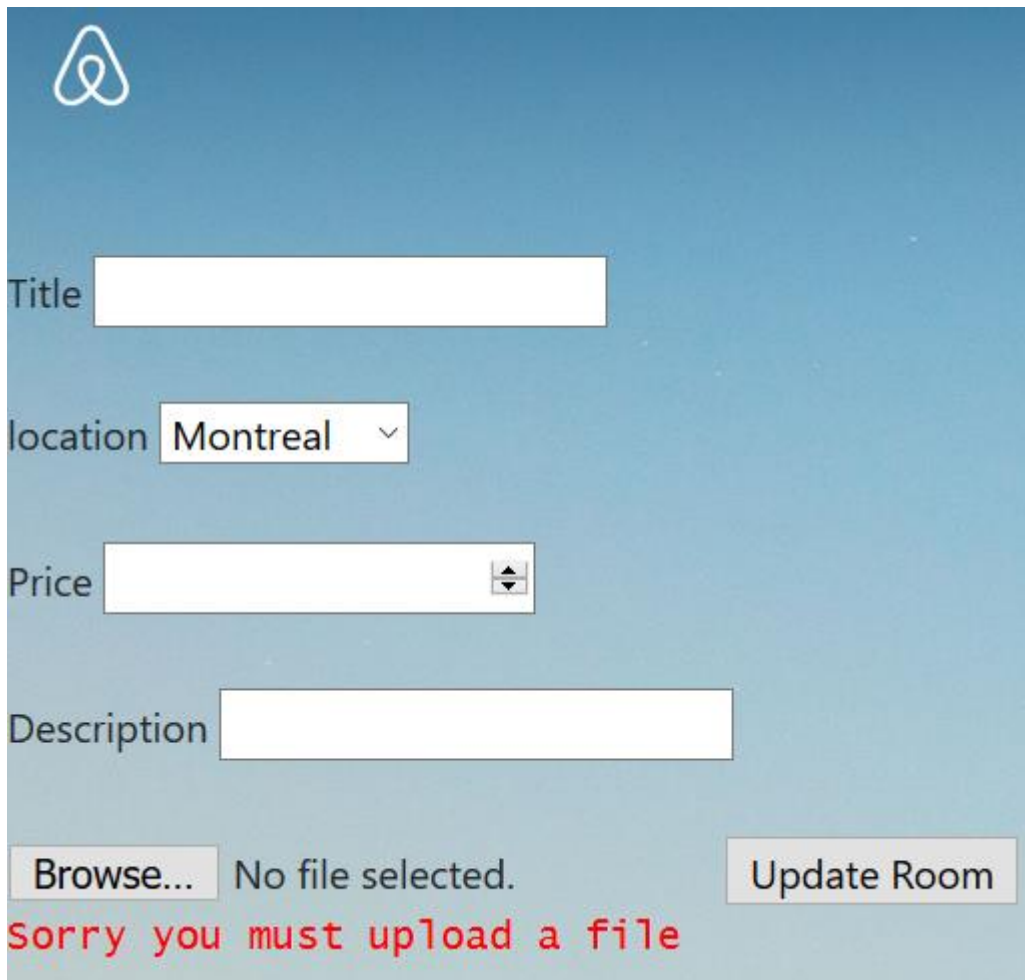
1. "Room list" will direct to room page which contains all the uploaded room information.



In this page, "Edit" will direct user to edit page



This page requires user re-upload picture and limit the types of file to upload.

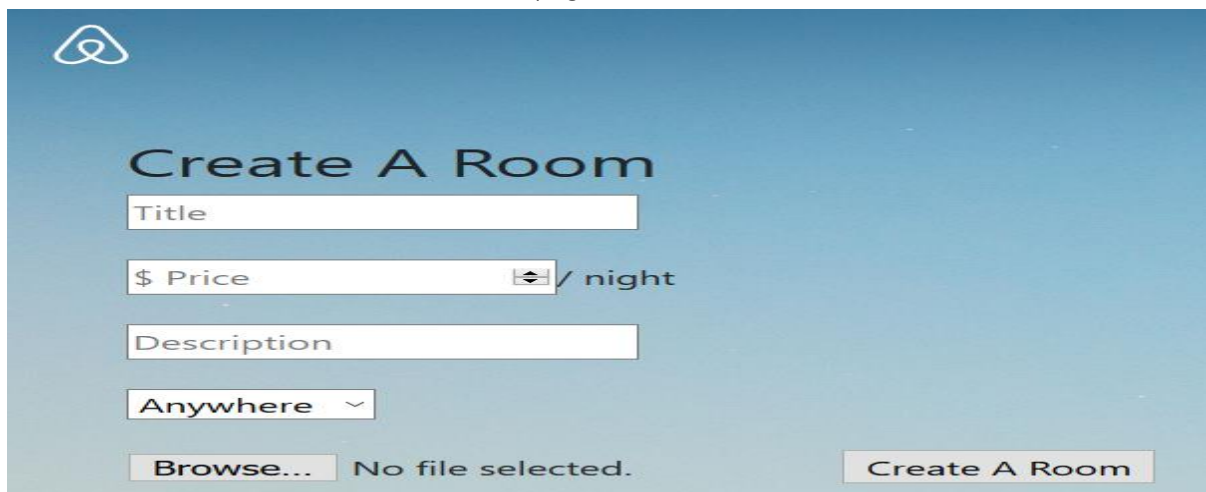


The screenshot shows a web form for updating a room. At the top left is the Airbnb logo. The form fields are: 'Title' with a text input; 'Location' with a dropdown menu showing 'Montreal'; 'Price' with a text input and a spinner; and 'Description' with a text area. Below the fields is a file upload section with a 'Browse...' button, the text 'No file selected.', and a red error message 'Sorry you must upload a file'. To the right of the file upload section is an 'Update Room' button.

After edit room information and upload picture, click "update room", web app will direct user back to room page and user can see the updated room information.

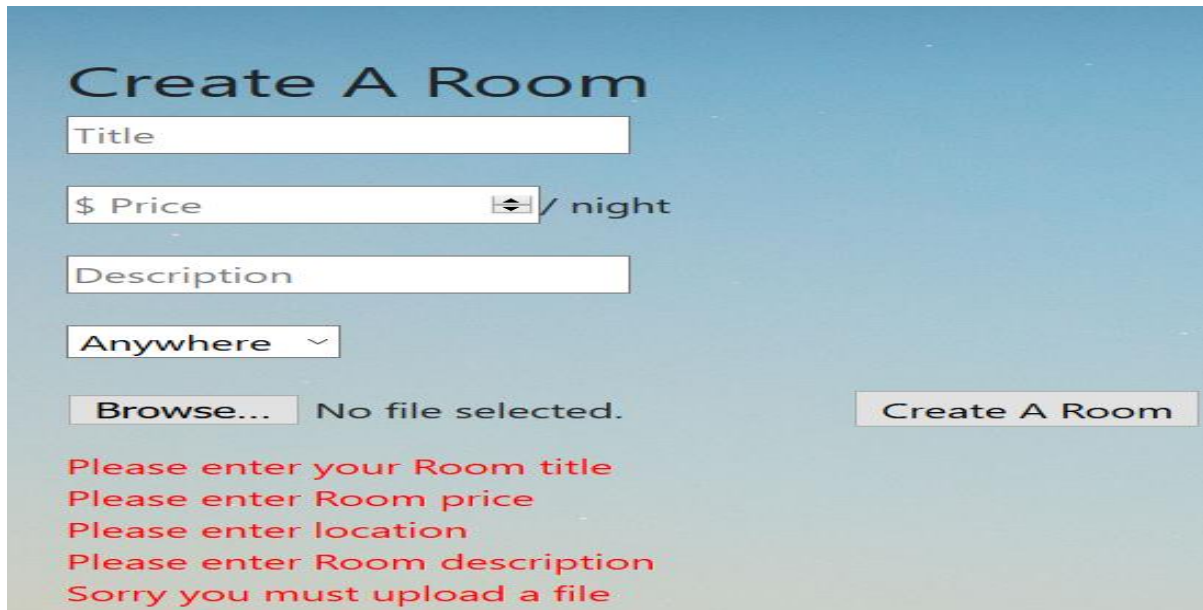
In room display page, we can click "back to administrator page" to go back to admin page.

2. "Create a room" will direct user to a "add page".



The screenshot shows a web form titled 'Create A Room'. At the top left is the Airbnb logo. The form fields are: 'Title' with a text input; '\$ Price' with a text input and a spinner, followed by '/ night'; 'Description' with a text area; and 'Anywhere' with a dropdown menu. Below the fields is a file upload section with a 'Browse...' button, the text 'No file selected.', and a 'Create A Room' button.

All fields must be filled before hit the "Create a Room"



The screenshot shows a web form titled "Create A Room" with a blue header. The form contains the following fields and elements:

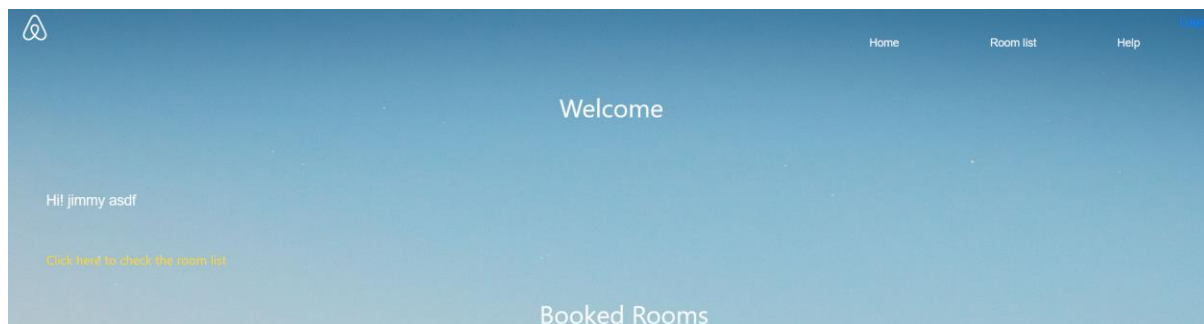
- Title:** A text input field.
- \$ Price:** A text input field with a currency symbol and a unit selector (set to "/ night").
- Description:** A text input field.
- Anywhere:** A dropdown menu.
- File Upload:** A "Browse..." button and the text "No file selected."
- Create A Room:** A button to submit the form.

Below the form, there are five red error messages:

- Please enter your Room title
- Please enter Room price
- Please enter location
- Please enter Room description
- Sorry you must upload a file

After successful create a room, user will direct to room display page.


Normal user Page




In his page, we can click "Click here to check the room list" to check all the room information, also under the booked Rooms, this page will show all booked rooms information.

After click the "Click here to check the room list", will direct user to room display page. Different from admin mode, this room page will show booking button instead of edit.


Our Rooms



room1
good
Montreal
\$ 5/night
[Book a room](#)




room2
ok
Toronto
\$ 55/night
[Book a room](#)




room3
wow
Vancouver
\$ 21/night
[Book a room](#)

After click" book a room". Web will direct user back to user page and display booked rooms.


Booked Rooms



room1
good
\$ 5/night




room3
wow
\$ 21/night




room1
good
\$ 5/night

Visitor without log in still can see the room list in room display page. In this case, under room information will show "please log in" button direct visitor to log in.


Our Rooms



room1
good
Montreal
\$ 5/night
[Please log in](#)



test
why
Montreal
\$ 23/night
[Please log in](#)



room5
test
Montreal
\$ 21/night
[Please log in](#)

Visitor also can search a room by selecting the location, click search.

Book unique places to stay and things to do.

WHERE

Montreal

CHECK-IN

mm / dd / yyyy

GUESTS

CHECKOUT

mm / dd / yyyy

How many Guests?

Click to Search

Our Rooms



room1

good
Montreal

\$ 5/night

[Please log in](#)



test

why
Montreal

\$ 23/night

[Please log in](#)



room5

test
Montreal

\$ 21/night

[Please log in](#)



Direct user to room list page and only show the rooms locate at the selected location.