Individual Project: Hotel Hub

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**Summary:**

When we thought about what type of project we wanted this one stood out for us, although with the whole dilemma of working from home I think that we accomplished good things with this individual project.

When you start you must first clone the repo to a folder in whatever you are using. Then if you need to make any changes to the configurations, there is a \_settings.php that has some constants defined that you can change to fit the project to your device. We had some difficulties implementing these settings in some of the classes, I would get an error that tells me that it cannot find the folder so I included this setting for the pages that would allow it. Other than that everything else works as expected.

**Index**

A screenshot of a cell phone

Description automatically generated

This is the home page that is displayed when you first get into the project, without logging in you are very limited to just viewing the hotels and the rooms that are available. Once you sign up or log in to an account then more things will be available for you.

**Sign up**

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Description automatically generated

This is the sign-up page, once you successfully sign up it will present you with a success message. Within this success message is a link that will take you straight to the sign in page so that you can get access to the user features. If your information is invalid in any way you will get a relevant message displayed so that you understand why it is invalid.

**Sign in**

A screenshot of a social media post

Description automatically generated

This is the Sign in page, this will ask for your email and the password that you have set up. It will validate whatever you input into the page, if you are successful you will be presented with another link that will take you back to the home page. If it is not valid it will display an error message with relevant information.

**Index with user logged in**

A screenshot of a cell phone

Description automatically generated

I logged in here with my super admin account, so with this type of account I will have access to editing the hotels and deleting the hotels, I will also be able to access the user manager page. A standard user will just be able to add comments, and if they click the available rooms they will be able to make a reservation.

**Comments:**

A screenshot of a cell phone

Description automatically generated

This is our asynchronous task that we implemented, a logged in user will be able to put in a comment into the text area and then press Post, this will post the comment with their name and a timestamp along with it.

**Add Hotel Page**

A screenshot of a cell phone

Description automatically generated

This page is only accessible to admins and super admins, this allows these types of accounts to add a new hotel with all of the fields in the form. They can then hit submit and it will appear in the index page, if they wish to return to the index there is a button to go back to home.

**Edit Hotel Page**

A screenshot of a cell phone

Description automatically generated

This is another page that is only accessible to admins and super admins, this will be populated with the current information of the hotel that they press the button edit. They can edit the information and then it will be recorded back to the database. This page also has a back button to go back to the home page.

**User Manager Page**

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Description automatically generated

This page is only accessible to super admins, this page will list out the current users that are within the system. This will also allow the user to edit the user’s fields or even create a new user. If any other type of user tries to get here they will be redirected to the index. To access this page, you must type in /superAdmin/UserConfig.php in the url. This is so that it is even more hidden from other users. You can use my account to view this page my email is [juanr26690@gmail.com](mailto:juanr26690@gmail.com) and the password is 12345678. This account can also access everything since it is a super admin.

**Add a User Page**

A screenshot of a cell phone

Description automatically generated

This is the page that allows a super admin to add a new user. They will fill out the form and then hit submit, the email is not validated because if I wanted to add an admin account and I wanted to make their email just admin I can’t if there is a form of validation. Thus, I decided to not add it here. This page also allows you to return to the User Manager page.

**Modify a User Page**

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Description automatically generated

This is similar in format to the user create page, but this one is for modifying an already registered user. This form will populate with the current information from the database, the password must stay in the hash format, if you want to change this you can type it in normal text it will later be hashed to keep this new password secure.

**Rooms/Detail Page**

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Description automatically generated

Now to jump to the details page of all of the hotels, we decided to make the details page the rooms page. This will display the rooms that are available. This shows what the page looks like when someone is logged in, if they were not the Reserve buttons would not be there. There is also a Back to Home link at the top of the page that will return you to the home page.

**Reservation Page**

A screenshot of a cell phone

Description automatically generated

Finally, this is the reservation page, this will take in the arrival date and departure date along with the credit card information. For the sake of this being a project the credit card info is there just to make it feel like an actual booking site, this is not stored in the database. This page will also check to make sure that there are no reservations for the time period that the user entered, if there are any it will give them an appropriate error message. And if they are successful they will get a success message and they will be able to go back to the home page.