

Welcome Page: (Srija)

To test the functionality of the welcome page module, I enter the HelpMeHelpYou website and I see the welcome page with the images that are supposed to be shown and the description of the website, as required. This happens without logging in which is the goal.

Sign Up: (Srija)

To test the functionality of the sign up module, I click on the drop-down menu that reads “LOGIN” and I click on the sign up button. This successfully takes me to the register page.

I then sign up with the credentials

First name = Tom

Last name = Smith

Email = TomSmith@gmail.com

Username = tsmith123

Password = 123456

Confirm Password = 123456

Then I click on the signup button on the bottom. I have now successfully signed up and then I am redirected to the home page. I also get a little text box in the top right corner saying “Logged in.”

I then check the admin database module to see if the user was entered into the database, and I saw the user and the entered information in the database. The user has successfully registered.

If the email is not in email format or the password is not long enough, the registration does not go through and will give you a message to check these fields.

Login: (Srija)

To test the functionality of the login module, I am initially logged out of the website. Then, I click on the drop-down menu that reads “LOGIN” and I click on the “Login” button. I then type in my username, tsmith123, and my password, 123456. I then click “Log In” which

takes me to the Home page and I get a little text box in the top right corner saying “Logged in,” as required. The user can now use and interact with the application.

If the username or password does not match with what is in the database, then the user gets a message saying “Invalid login” and is prompted to re-type the corrected user credentials.

Profile: (Rhea)

To test the functionality of the module, I first clicked the “Log In” tab of HelpMeHelpYou and entered the credentials of my user. I entered in username: "rheareddy" and in password: "12345". After I am logged in, I see that the First name of my user in the dropdown menu of the nav bar which is "rhea". After I click on the dropdown, I see a "Profile" tab. Selecting the "Profile" tab, should take me to the profile page with the respective “First Name”, “Last Name”, "E-mail", and “Username” displayed.

I change my first name from "rhea" to "Rhea" and then select the "Apply changes" button at the bottom of the page. The profile will be saved with the new edits.

I then check the admin database module to see if the user was edited in the database, and I saw the entered information in the database has been changed accordingly.

I also try to enter an empty value in the "First Name" and selected the "Apply changes" button. I got an error message saying "Cannot be empty".

I also try to enter an empty value in the "Username" and selected the "Apply changes" button. I got an error message saying "Invalid username".

Add Resources: (Ricky)

To test the functionality of this module, I tried out 4 test cases for the function add resources.

Test Case 1:

Error checking for users not logged in. A user should not be able to add resources while not logged in. I press the "Add Resources" Tab in the Resource drop down menu while not logged in. When I press the "Add Resources" button, I am redirected back to the home page.

Test case 2:

Checking that the function adds the resources into the database. I first login to my account by pressing the "Log In" tab and enter username: "rzhao10" and password "1234567890". I then press the "Add Resources" button in the "Resources" dropdown menu. I am redirected to the "Add Resources" form with the Field "Resource Id", "Resource Type", "Resource Qty", "Resource Category", "Resource owner". The Field "Resource Category" is a drop down menu of all the category in our database. "Resource owner" is set to the login user so users can't add resources to other user's resources list. I then type in Resource Id = "2431", Resources Type = "2005 Camry", Resource Qty = "1", Resources Category = "Appliance", then pressed submit. I was then redirected to the resources page of for the logged in user. I verified that the resource is added into the database by pressing the "My Resources" tab. I also checked the resources database table inside the web2py's database administration.

Test case 3:

Error checking for empty fields. While in the Add Resources Page, I pressed submit without entering any data into any field. I was then prompted by the website that there is errors in the form and ask me to try again. The message "Enter a value" appeared under "Resource Id", "Resource Type" and "Resource Qty". The message "Value not in database" also appeared under "Resource Category".

Test case 4:

Error checking repeated Id. I followed the same procedure as testing the functionality of Add Resources and entered the exact same information in the Resource form. This time I get the error message "Value Already in database or Empty" under the Resource Id field.

View Resources: (Ricky)

To Test the functionality of View Resource and View Users function, I first tested the functions while not logged in, then tested the functions logged in.

Test case 1:

I tested the functions while not logged in. I pressed the “My Resources” tab under the Resources dropdown menu. Since I am not logged in, I do not have a resource list so I am redirected to the homepage. I then pressed the “List User” tab. I am then redirected to the a page with a list of all the users with their Username, First and Last Name. Their Username of the is linked. When I click link, I am then redirected to a list of that users resources, which includes “Resource Id”, “Resource Type”, “Resource Category”, “Resource Qty” and “Resource Owner”. I also verified their resource with the web2py’s database administration tables.

Test case 2:

I tested the functions logged in to an account. I pressed the “My Resources” tab. I am then redirected to a list of the resources of my logged in account. I verified the resources with the web2py’s database administration tables. The Resource id is linked. When I press the link, I was redirected to a resource list with just that resource. I then tested the “List User” tab and it worked the same as test case 1.

Edit Resources: (Donald)

Test #1:

To test the functionality of the module, I first went to the "Resources" tab of HelpMeHelpYou and added a resource using the "Add Resources".

I gave the resource a resource id of "9485", resource type of "electronic", and quantity of "1".

After adding the resource I went to "Edit Resources" in the "Resources" tab. I input the resource id "9485" so that I would be able to edit the resource with that same resource id then I changed the resource type to "phone" and kept the resource qty as "1".

After typing all of the information into its correct input boxes, I pressed the "Edit" button.

After doing this the resource reprinted with the changes made to the resource.

Test #2:

To test the functionality of the module with a different case, I input a resource id that was not an existing resource id. After inputting the resource id, resource type, resource quantity, and pressing edit, nothing happened.

Test #3:

To test the functionality of the module with another case, I attempted to edit a resource without logging in. When I pressed the "Edit Resources" tab I was redirected to the homepage since I was not logged in and therefore did not have resources to edit.

Delete Resources: (Donald)

Test #1:

To test the functionality of the module, I first went to the "Resources" tab of HelpMeHelpYou and added a resource using the "Add Resources".

I gave the resource a resource id of "9485", resource type of "electronic", and quantity of "1".

After adding the resource I went to "Delete Resources" in the "Resources" tab. I input the resource id "9485" into the box for resource id and I pressed the "Submit" button.

After doing this my resources reprinted with all of my resources except for the resource with the id corresponding to the resource id I input into the box.

Test #2:

To test the functionality of the module with a different case, I attempted to delete a resource without logging in. I was redirected to the homepage since I was not logged in and therefore did not have any resources to delete.

Test #3:

To test the functionality of the module with a different situation I attempted to delete a resource with a resource id belonging to a different user. This resulted in the resource being deleted.

Category: (Ricky)

To test the functionality, I Pressed the “Appliance” tab under the Category dropdown menu. I am then redirected to a page with the list of all the resources with the category Appliance. I repeat this process with all the tabs under the Category dropdown menu. I also verified the resources of each category tabs with the web2py’s database administration tables.

Photo Upload: (Donald)

Test #1:

To test the functionality of the module, I went to the “Resources” tab of HelpMeHelpYou and went to the "Upload" tab. In the title box I typed the name "Class".

Then I clicked the "Choose File" button and chose an image to upload then clicked the "Open" button. After doing this I clicked the "Submit" button.

After doing this I went to the "Comment" tab within "Resources" and I could see that my image with the name "Class" was uploaded and viewable.

Test #2:

To test the functionality of this module with a different case, I attempted to upload an image without logging in. When pressing the “Upload” tab, I was redirected to view the different images in the website rather than being able to upload a photo.

Test #3:

To test the functionality of this module with another case, I attempted to upload an image with no file and I attempted to upload an image with a non-jpeg file. Both cases resulted in the upload being successful but no viewable image being uploaded.

Search Resource: (Rhea)

To test the functionality of this module, I went to the "Search" tab of the HelpMeHelpYou. In the title box I typed the name "flowers".

Then I clicked the "Submit" button I could see all the resources with the "Resource Type" of flowers would be seen with the information revolving it. You would be able to see all the "Resource ID", "Resource Type", "Resource Qty", "Resource Owner" available. If "flowers" is spelled as "flower" it will not show up. If the entered value is not the same as the "Resource Type", there will be no entries listed below.

Comments: (Junhong)

To test the functionality of the comment module, I went to the "Resources" tab of HelpMeHelpYou and went to the "Comment" tab. This module is connected with the Photo Upload module, it has the comment function shown below the photo that I uploaded from the Photo Upload module.

I have to enter my name for the "Author", a valid email address for "Email", and the message content for the "Body". Once I have had the correct data entered, those information will save in the database and show "Your comment is posted." It will have the email address and the message content posted below the image. If the entered value is invalid, the system will respond "Error in form, please check it out."