Residence Hall Staff Portal

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Test Plan

Prior to testing the features of our website, our tables that represent the university's database of resident advisors and hall directors will be populated with example staff members. Additionally, the table containing resource links will be filled with the current sites that are available through our portal.

The first components of our website that will be tested are the **Log In** and **Sign Up**. First, an example user will attempt to log in, but clearly they will not have success if they have not created an account. Thus, the user will then click on the sign in button and attempt to create an account, which will then start testing the sign in page.

To test the **Sign Up** feature we will attempt to create an account with an example user who is not a residence hall staff member, and then do the same with a user who will exist as an RA in the university database. For any user, when they fill out the sign up form and press submit, their information is retrieved and used to run queries that check if they are indeed an existing RA or Hall Director of the university. If the form information corresponds to a staff member in the university database then an account is created for the user, but if they are not an RA or Hall Director, then no account is created and an error message is sent.

Once an account has been created the user is then redirected back to the login page, where they can enter the information they just signed up with. After the user is logged in to their account, the remaining features of our website can be tested.

When the user clicks on the 'Resources' tab in the nav bar, they are redirected to the **Resources Page**, which can be tested by simply clicking on each available link and seeing that each one sends the user to the correct website. In addition, when the user clicks the 'Staff Page' tab of the navigation bar, the **Staff Page** can then be tested. To do this the user clicks on the 'select hall' dropdown and chooses a residence hall. When a residence hall is selected, the page will show certain profile information about every RA or Hall Director associated with that dorm, who has also created an account for our website. The page will be empty if no staff members associated with the selected dorm have created a Residence Hall Staff Portal account.

<u>Sign Up - Test Plan:</u>
1. Enter valid information into fields for a user/row in resident_advisors or hall_directors table, except:
    ○   wrong user id, email, first name, or last name (verify, assuming correct occupation)
    ○   wrong occupation (verify, assuming correct personal info)
    Check if an error message is sent to user for invalid info.
2. Enter valid information into fields for a user, w/no entry in profile_information table. Check if a new entry has been inserted into profile_information.
3. Enter valid information into fields for a user, w/an entry in profile_information table. Check if an error message is sent to user, that account has already been created.

<u>Log In - Test Plan:</u>
1. Enter valid email and password associated with a row in the profile_information table
    Check if an error message is sent to the user for invalid login information
2. If valid information is entered, redirect the user to the Profile Page, and fetch their information from the database

<u>Resources - Test Plan:</u>
1. Hall Director able to edit resources page adding/deleting any resources as they need
    a. Updated in the database
2. Make sure each link redirects to the proper websites

<u>Staff Page - Test Plan:</u>
1. Click 'Select Hall' menu, and select a hall
2. For a selected hall with users in profile_information table
    a. The page has cards with name, major, gender, bio, and image for said users.
    b. There are no cards with users who do not work at selected hall.
3. For a selected hall with no users in profile_information table, page should be empty.