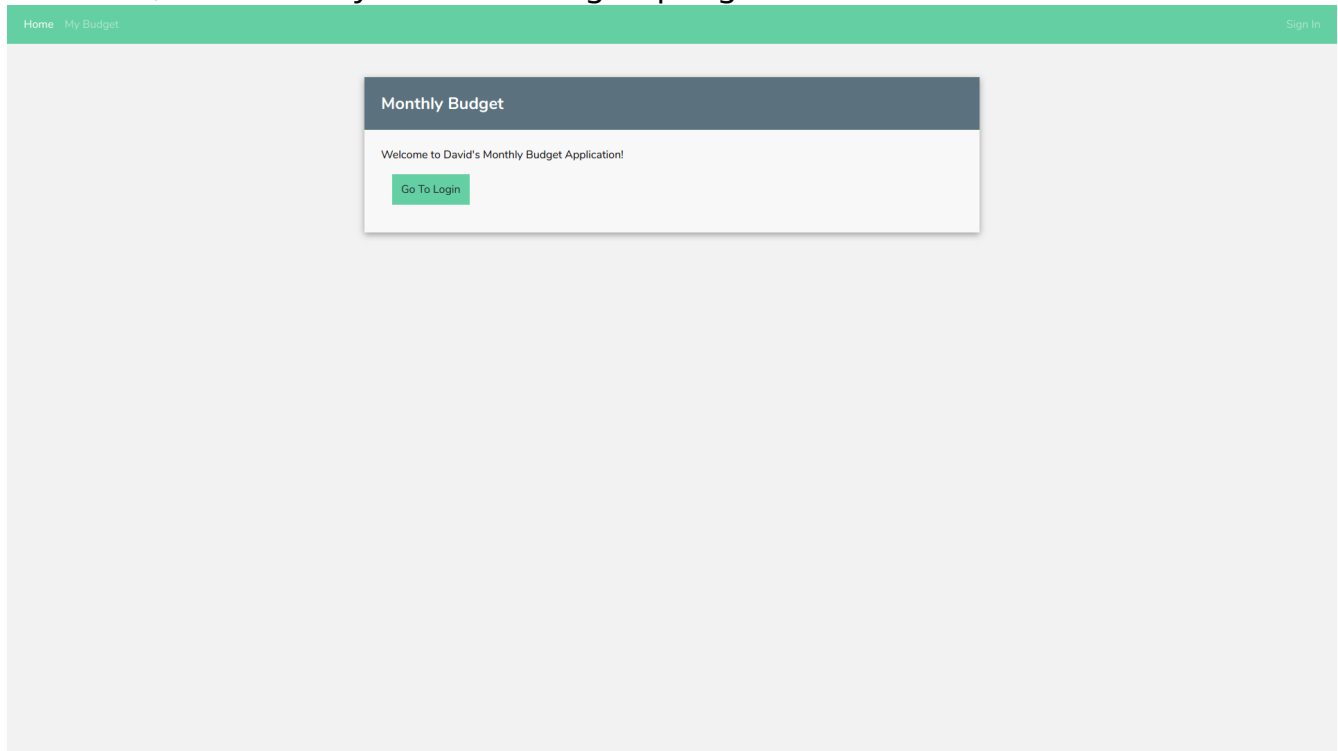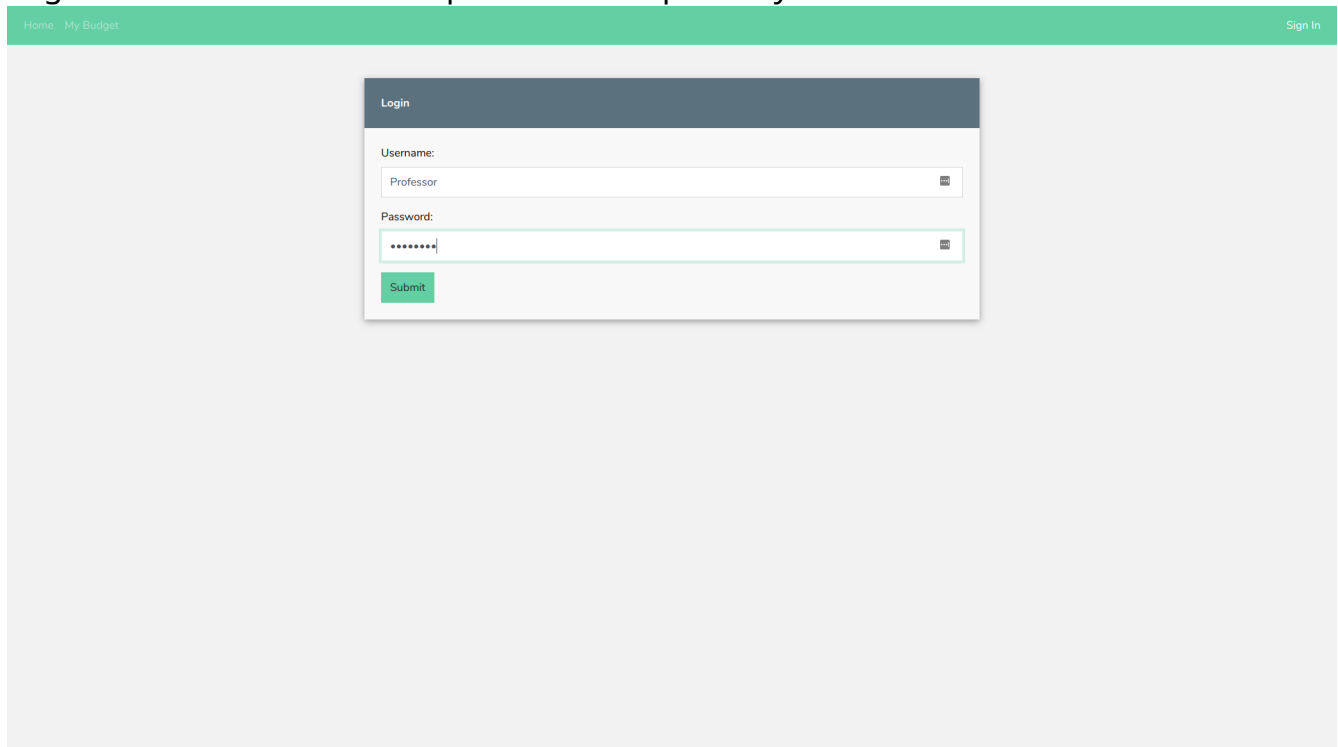## Authenticating:

Initial landing page. Click on the sign in button. The authentication is not the best so if you do not sign in, you won't have a good experience. I tried to get the authentication smoother, but it was my first time using a Spring Boot backend.
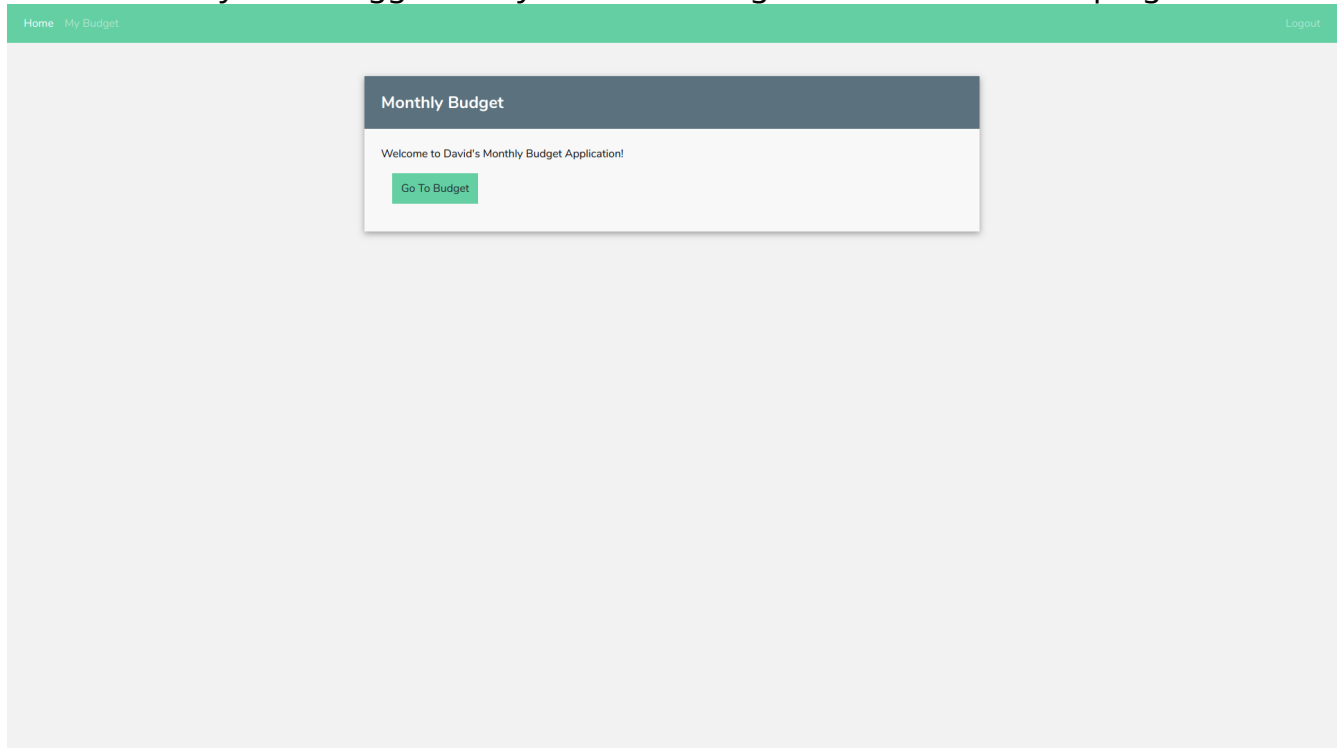

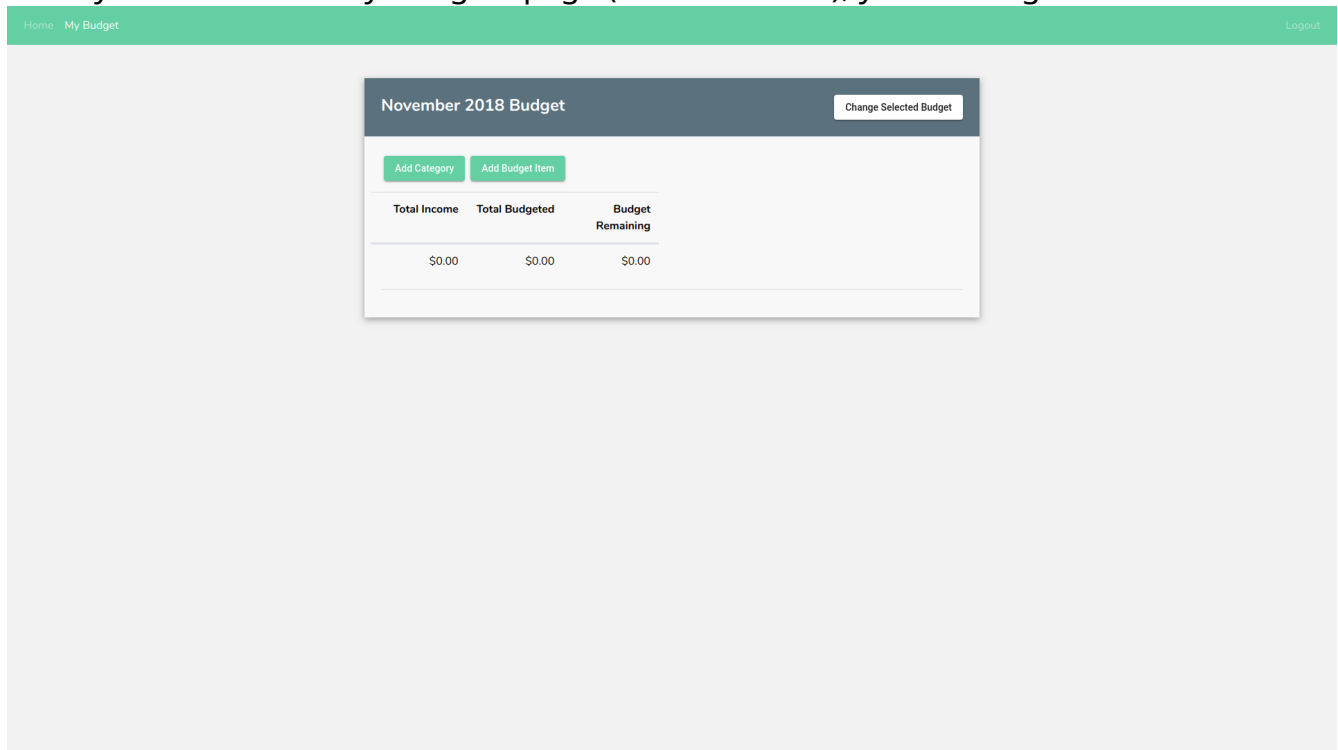Log in with "Professor" and "password" respectfully.

You will know you are logged in if you see the "Log Out" button in the top right corner.
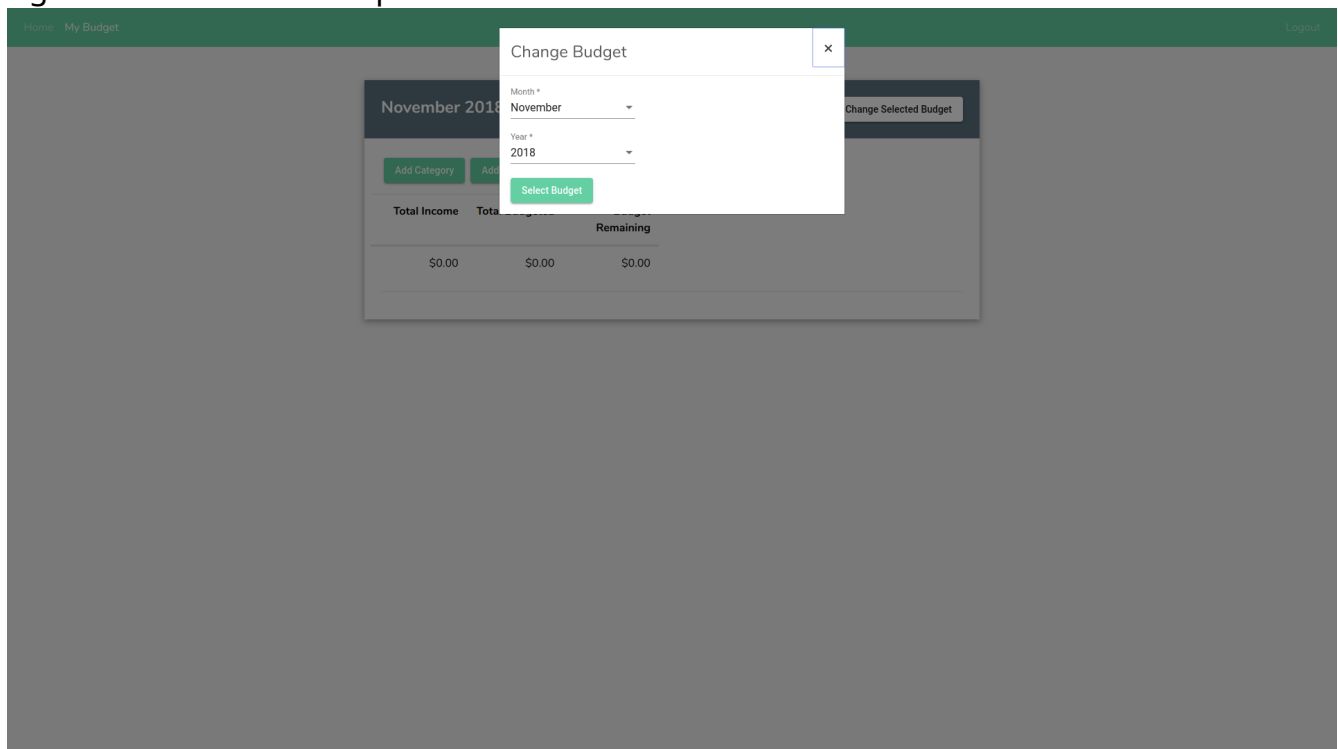

Then click on the "Go To Budget" button or the "My Budget" link in the nav bar to get started.
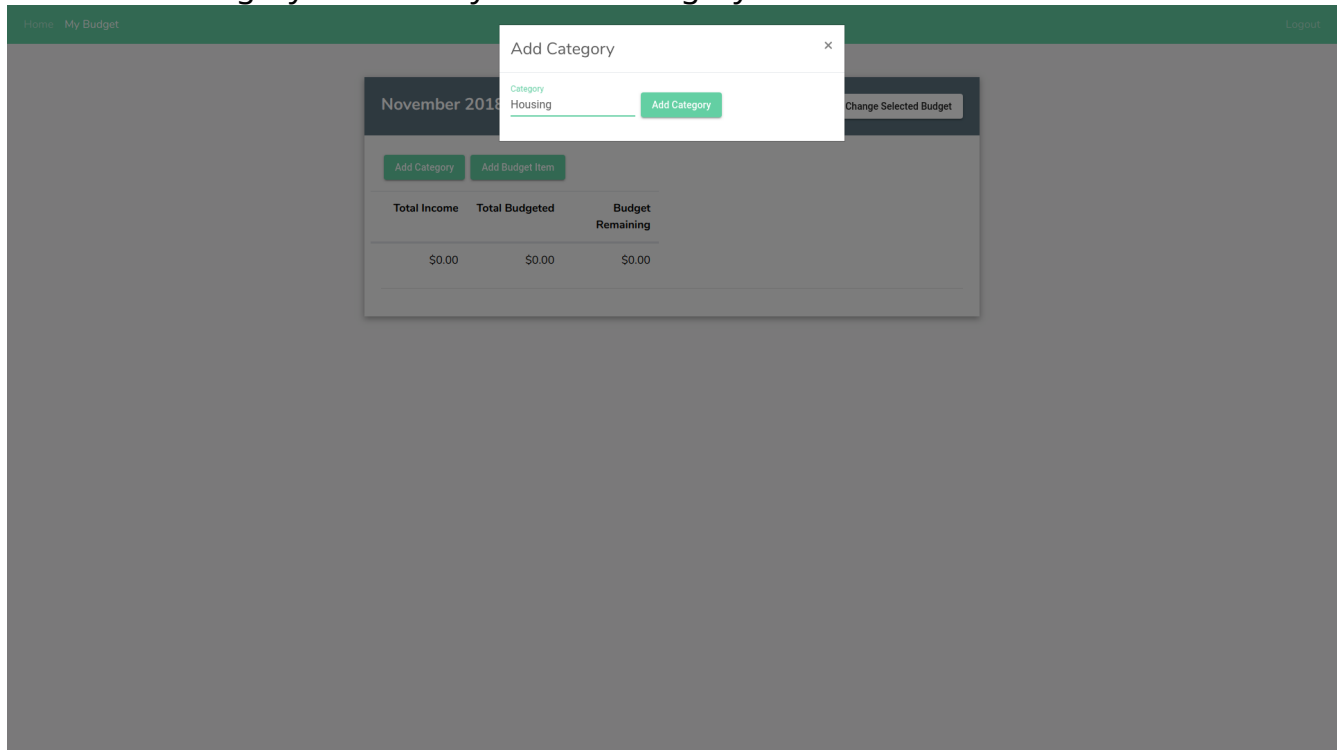
Using the Application:

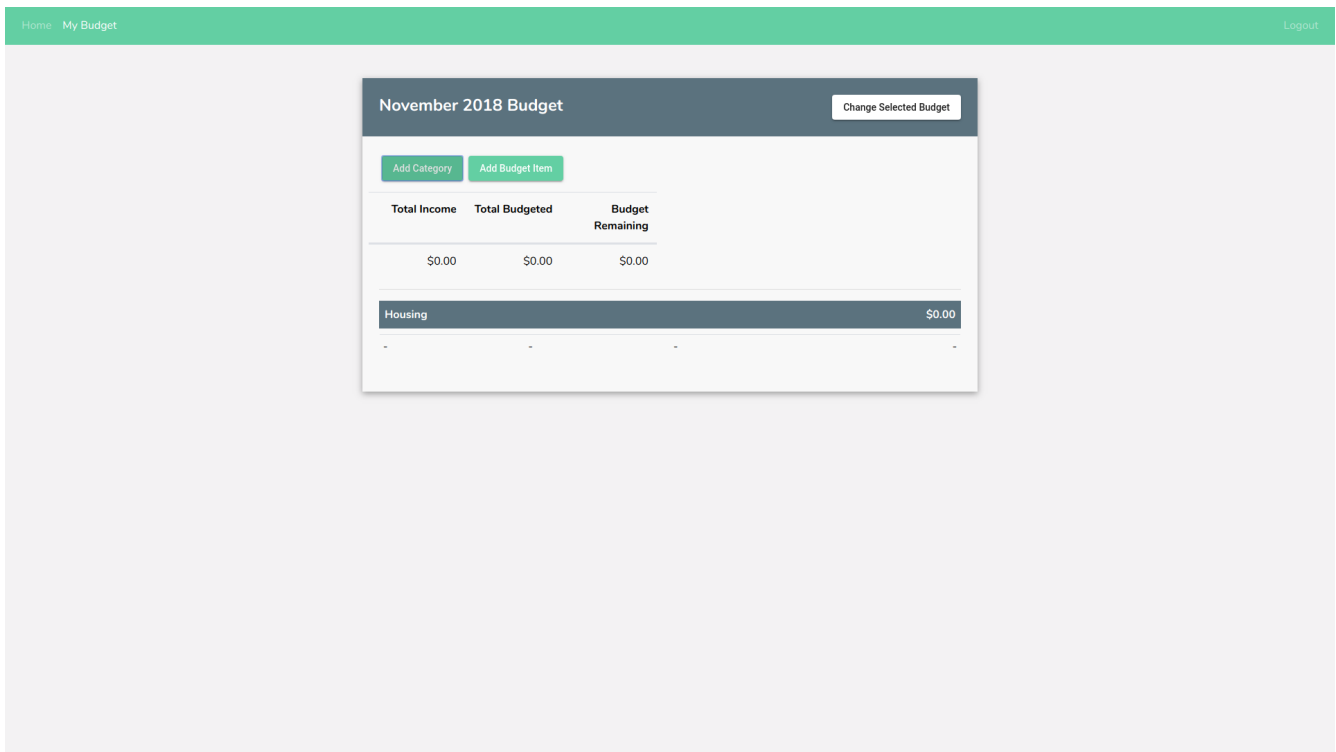Once you are on the "My Budget" page (via the navbar), you can begin.

The app will default to the current month and year. You can change it at anytime to make a budget for another month. Click the "Change Selected Budget" button in the right corner of the main pane's header.
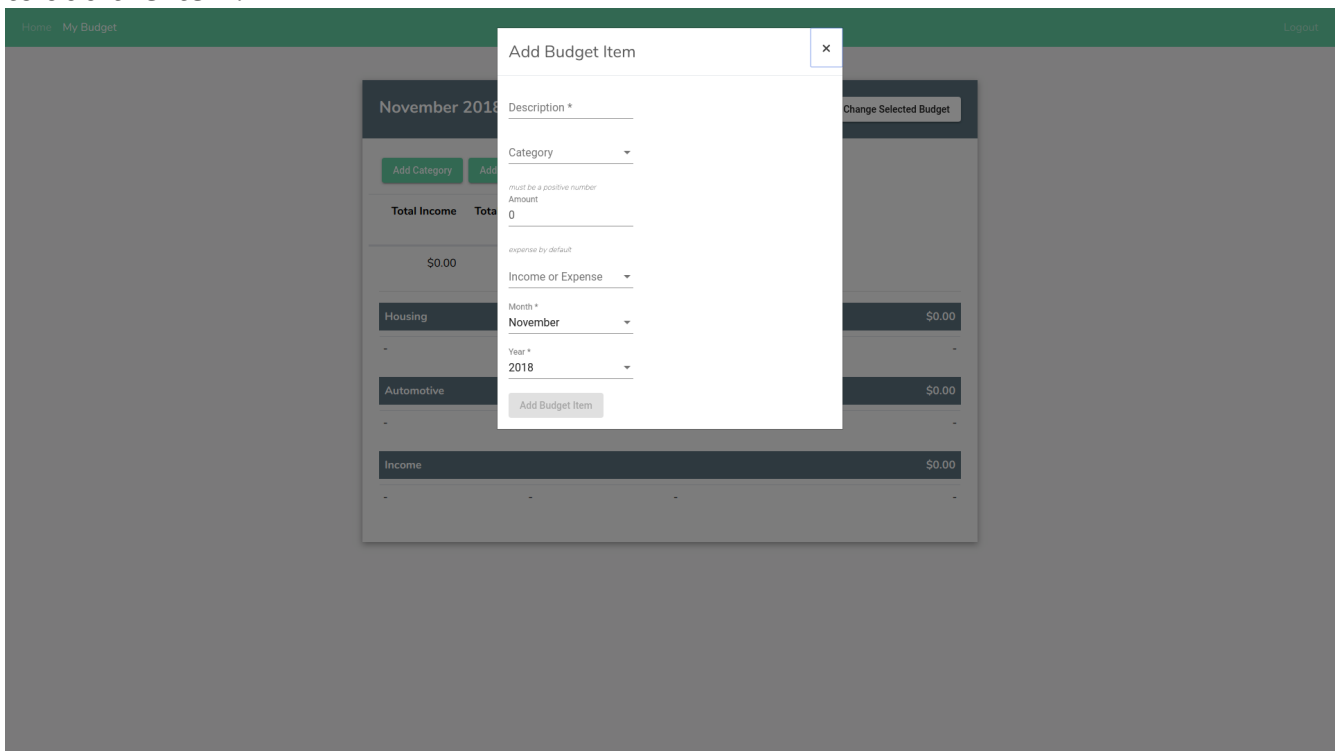
To start, you will most likely want to start by creating a "Category". Select the "Add Category" on the left of the main pane. Then type in the category you would like to add. Click "Add Category" to create your new category.

You will then see the category with no items in it yet. Each category has its own header and the total budgeted amount is in the right of the category's header. Feel free to add a few more categories (maybe one for Income).
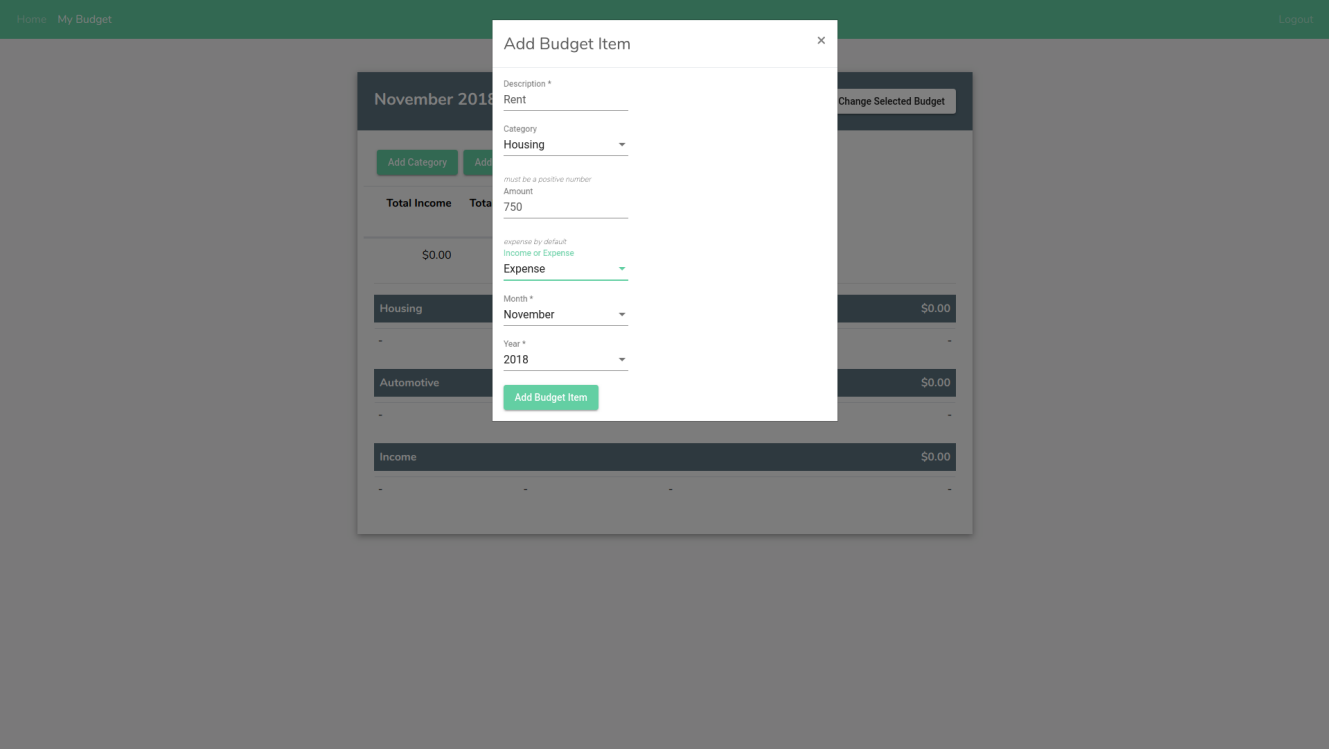
Now we will add a budget item. Select the "Add Budget Item" button to open the modal to add the item.

A description, month, and year are required. The category is optional. If you do not select a category, it will go to an "Uncategorized" group. You can set the amount of the

budget item. And you can mark it as "Income" or "Expense." Let's add some income and expenses.
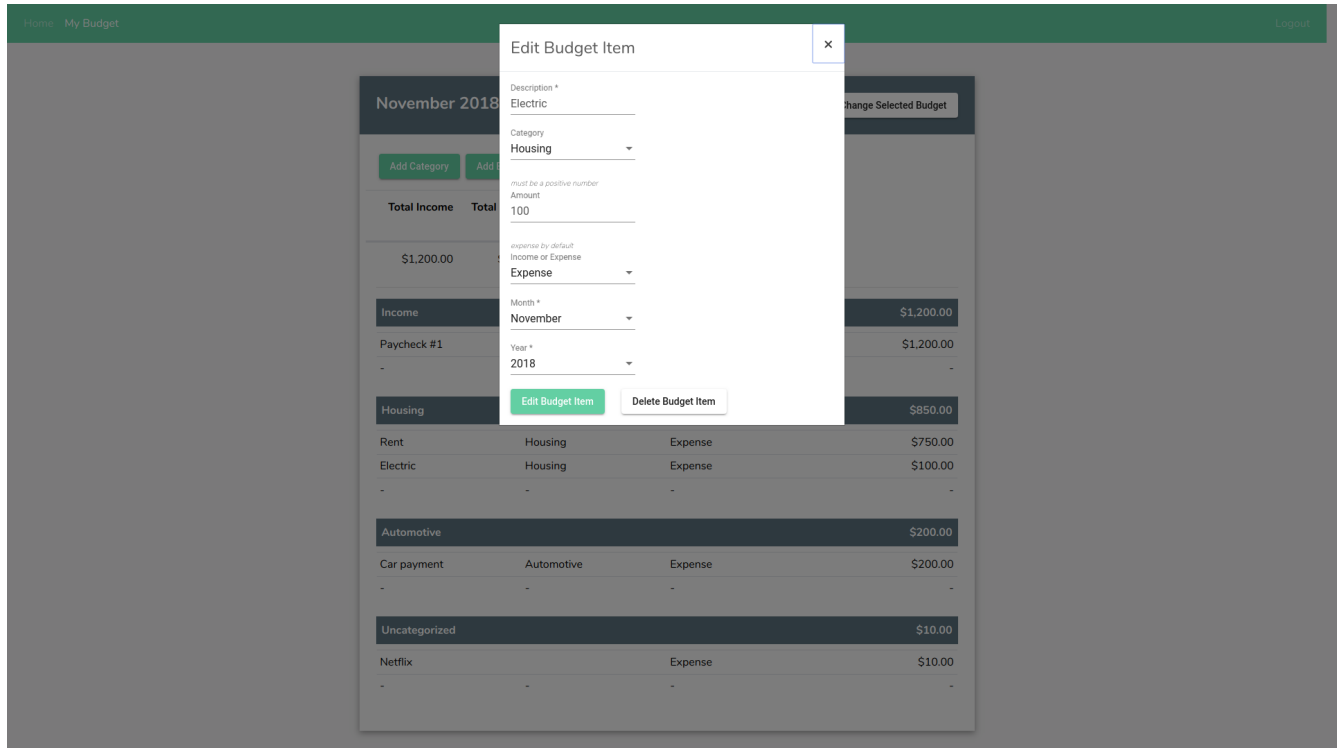

As you can see, it will group the budget items into their respective categories. Also, if an item does not have a category, it will be listed as "Uncategorized."

Notice as well that the "Total Income", "Total Budgeted", and "Budget Remaining" amounts at the top of main pane.

You can also select an item to edit it or even delete it. Simple click on the item you wish to edit or delete.

Conclusion:
That's it! I wanted to do a lot more and there is definitely room for improvement on the user interface. This is a good proof of concept and we have a working app!