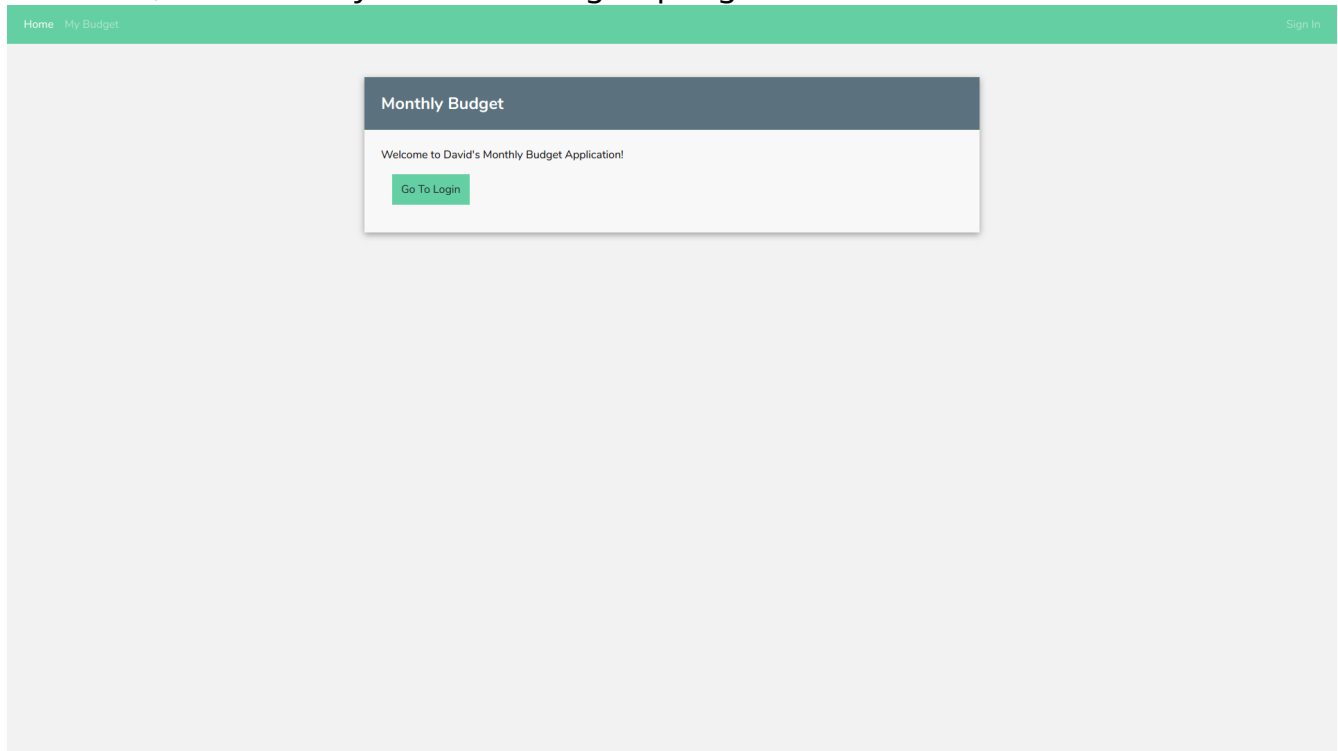


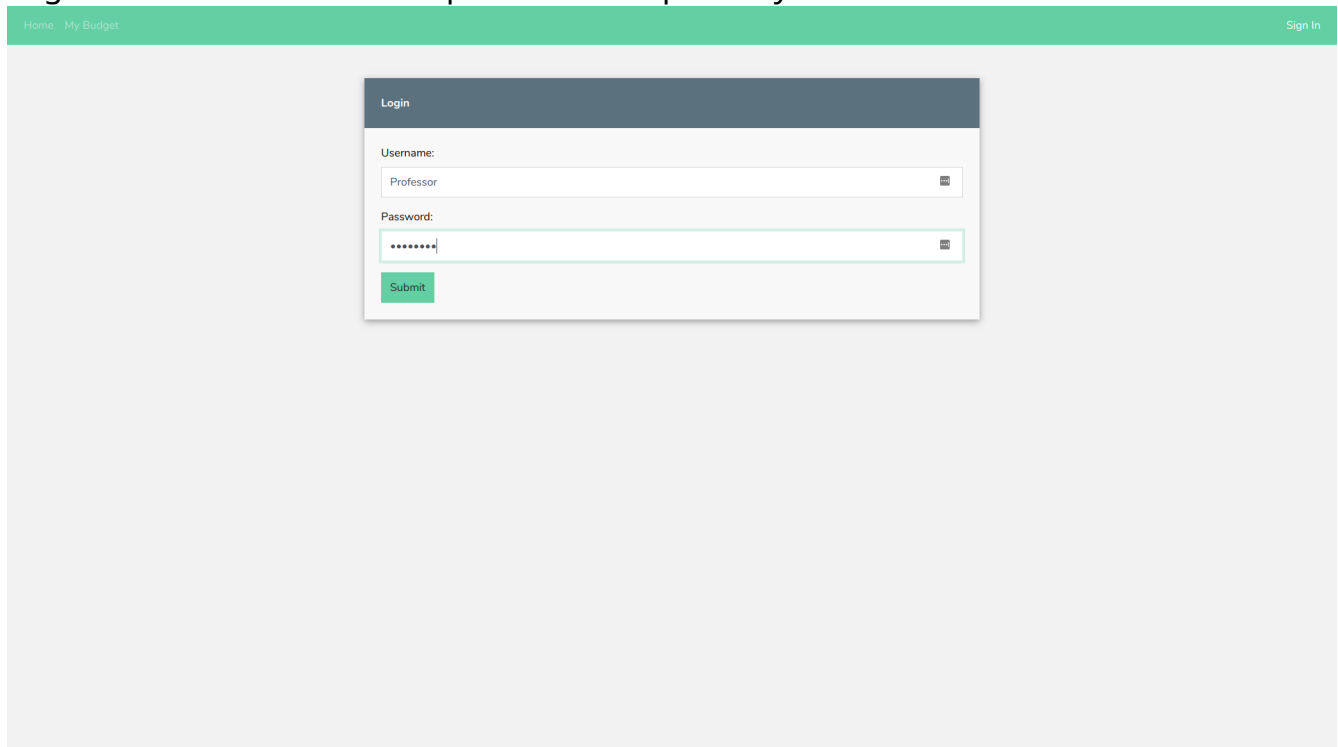
Authenticating:

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.



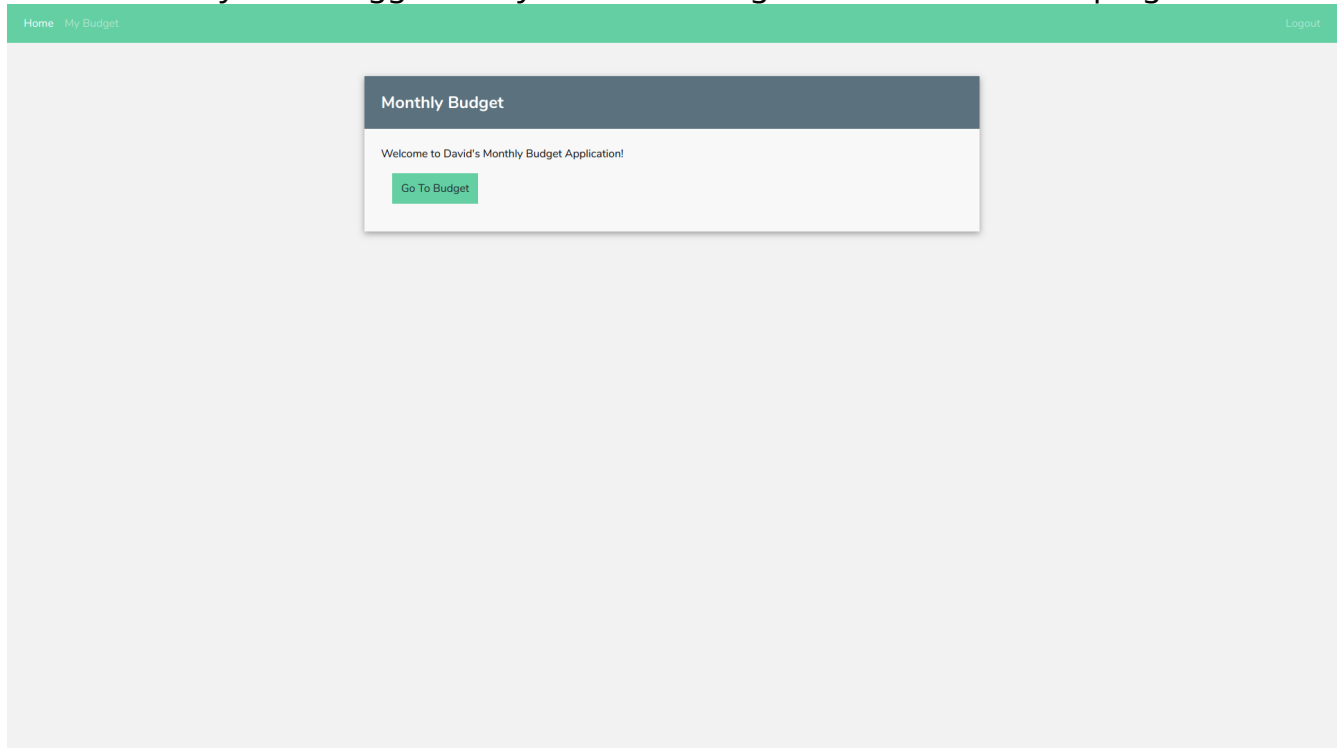
The screenshot shows the initial landing page of the 'Monthly Budget' application. At the top, there is a green navigation bar with the text 'Home My Budget' on the left and 'Sign In' on the right. The main content area is light gray and features a central white card with a dark blue header that reads 'Monthly Budget'. Below the header, the card contains the text 'Welcome to David's Monthly Budget Application!' and a green button labeled 'Go To Login'.

Log in with “Professor” and “password” respectfully.



The screenshot shows the login page of the 'Monthly Budget' application. At the top, there is a green navigation bar with the text 'Home My Budget' on the left and 'Sign In' on the right. The main content area is light gray and features a central white card with a dark blue header that reads 'Login'. Below the header, the card contains two input fields: 'Username:' with the value 'Professor' and 'Password:' with masked characters '*****'. A green button labeled 'Submit' is positioned below the password field.

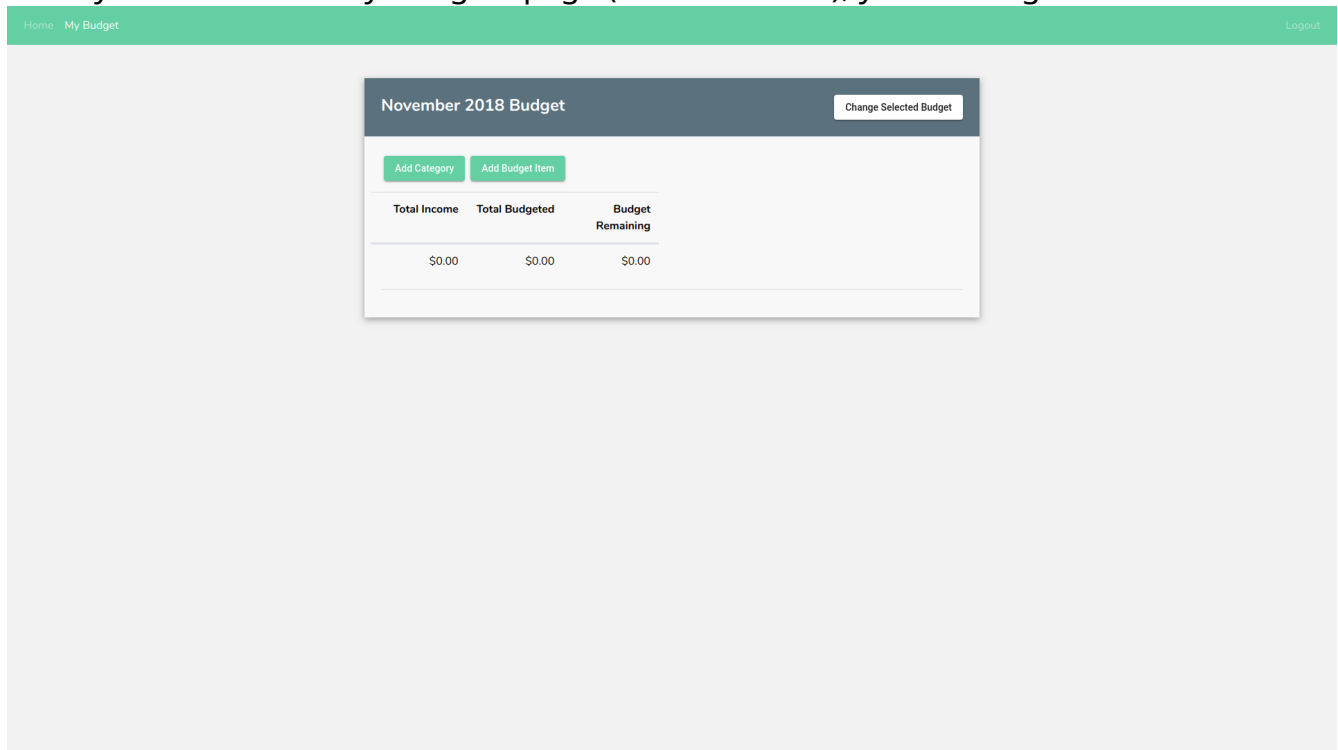
You will know you are logged in if you see the “Log Out” button in the top right corner.



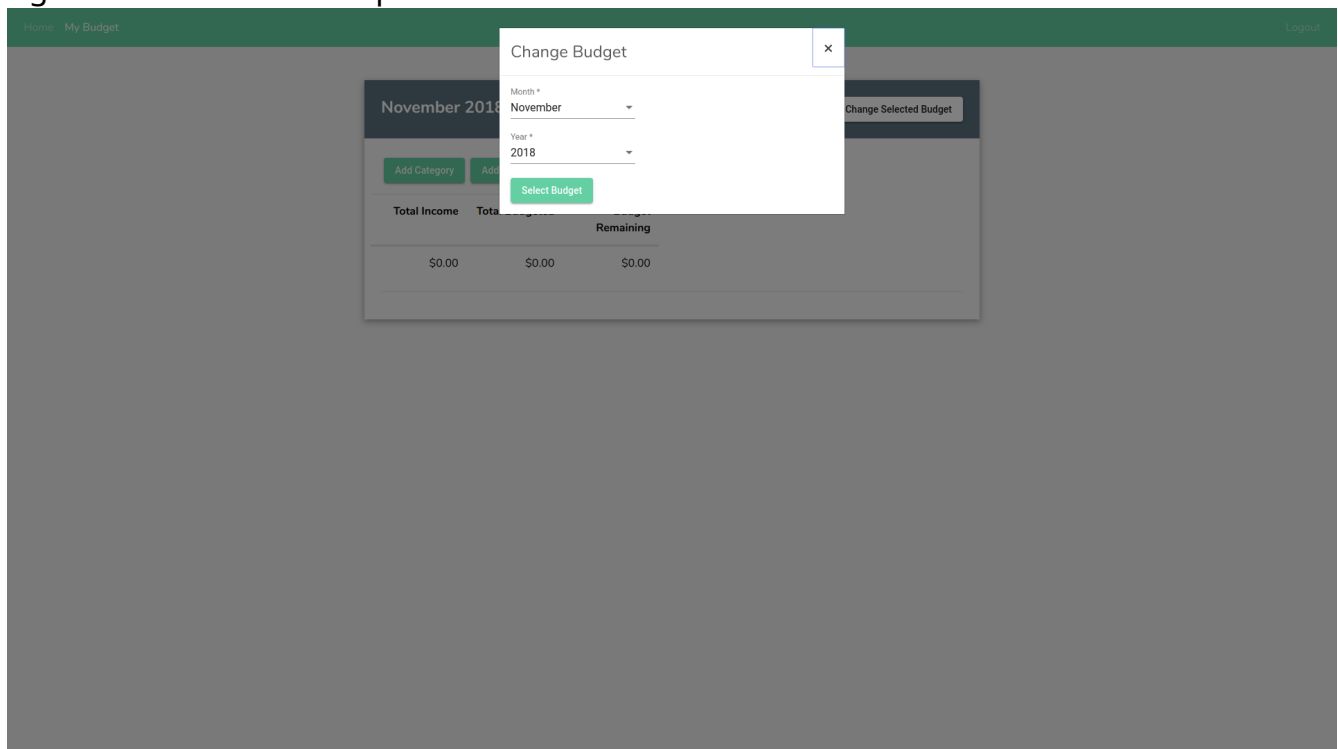
Then click on the “Go To Budget” button or the “My Budget” link in the nav bar to get started.

Using the Application:

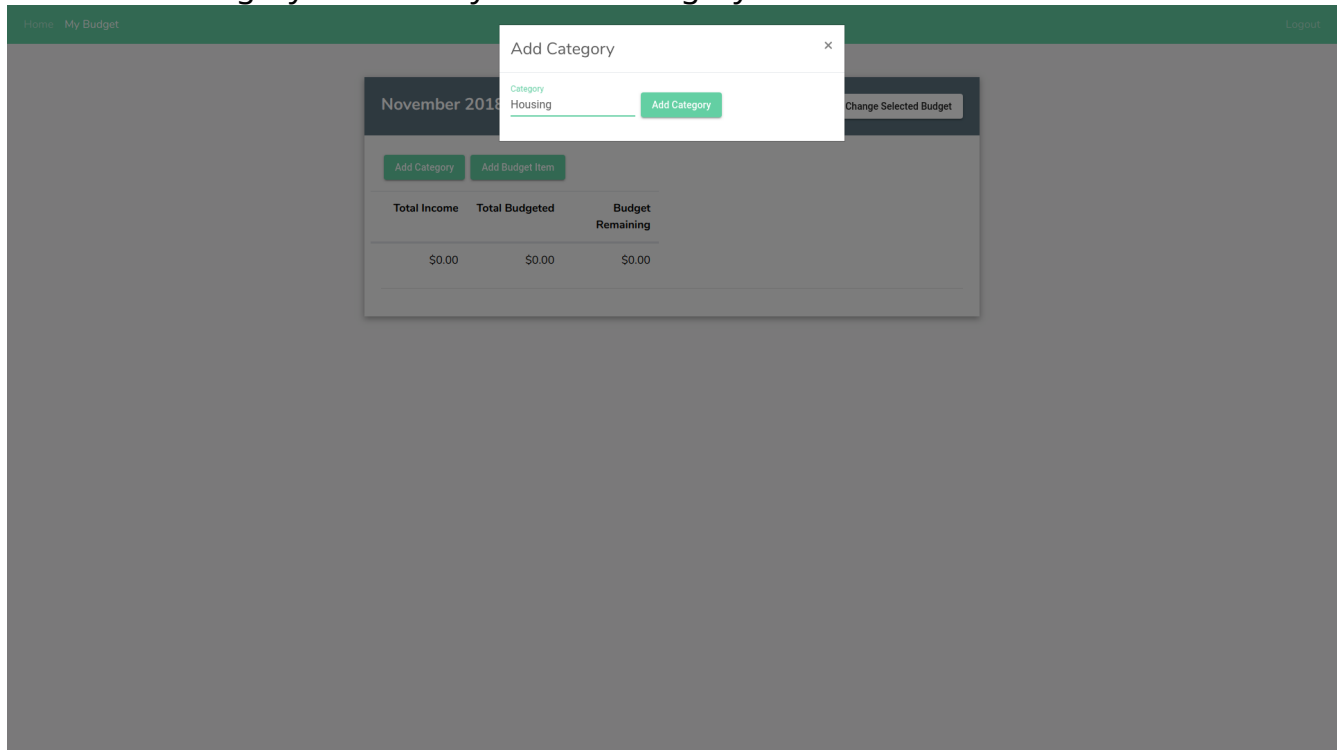
Once you are on the “My Budget” page (via the navbar), you can begin.



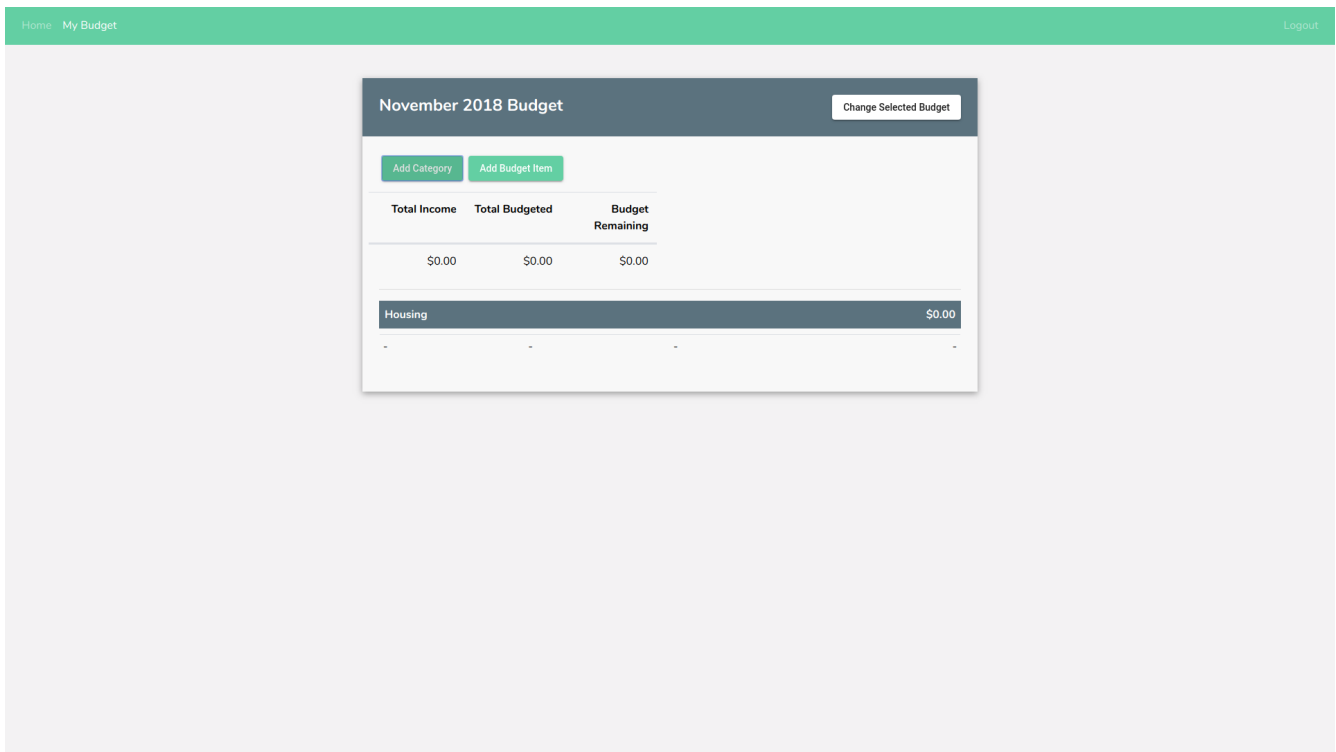
The app will default to the current month and year. You can change it at anytime to make a budget for another month. Click the “Change Selected Budget” button in the right corner of the main pane’s header.



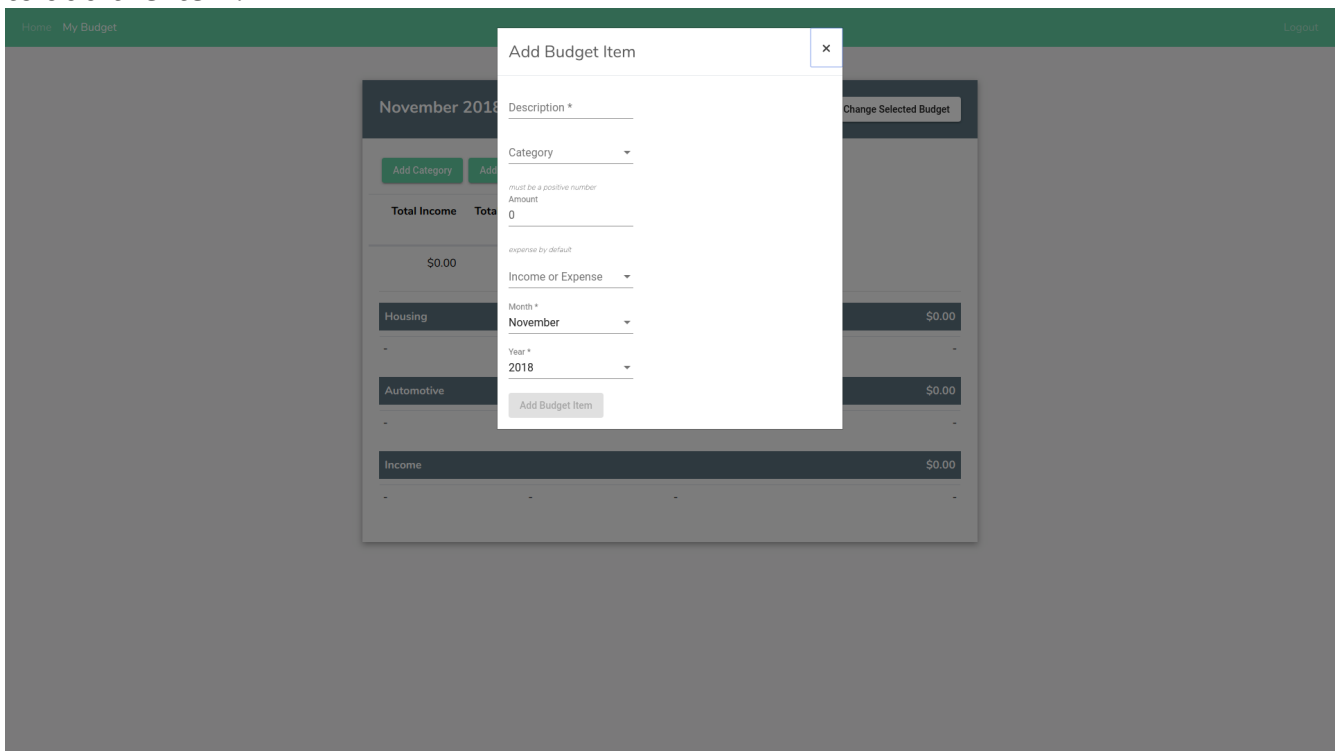
To start, you will most likely want to start by creating a “Category”. Select the “Add Category” on the left of the main pane. Then type in the category you would like to add. Click “Add Category” to create your new category.



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).

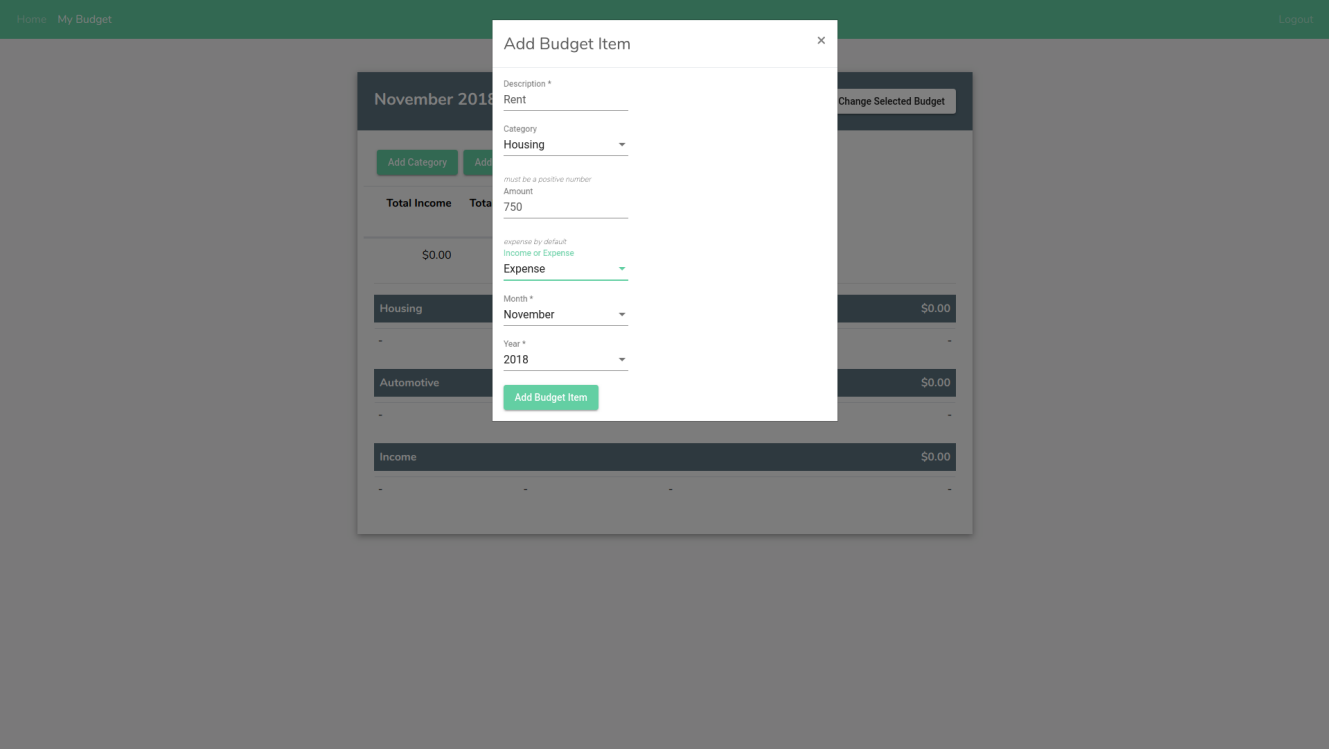


Now we will add a budget item. Select the “Add Budget Item” button to open the modal to add the item.



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.



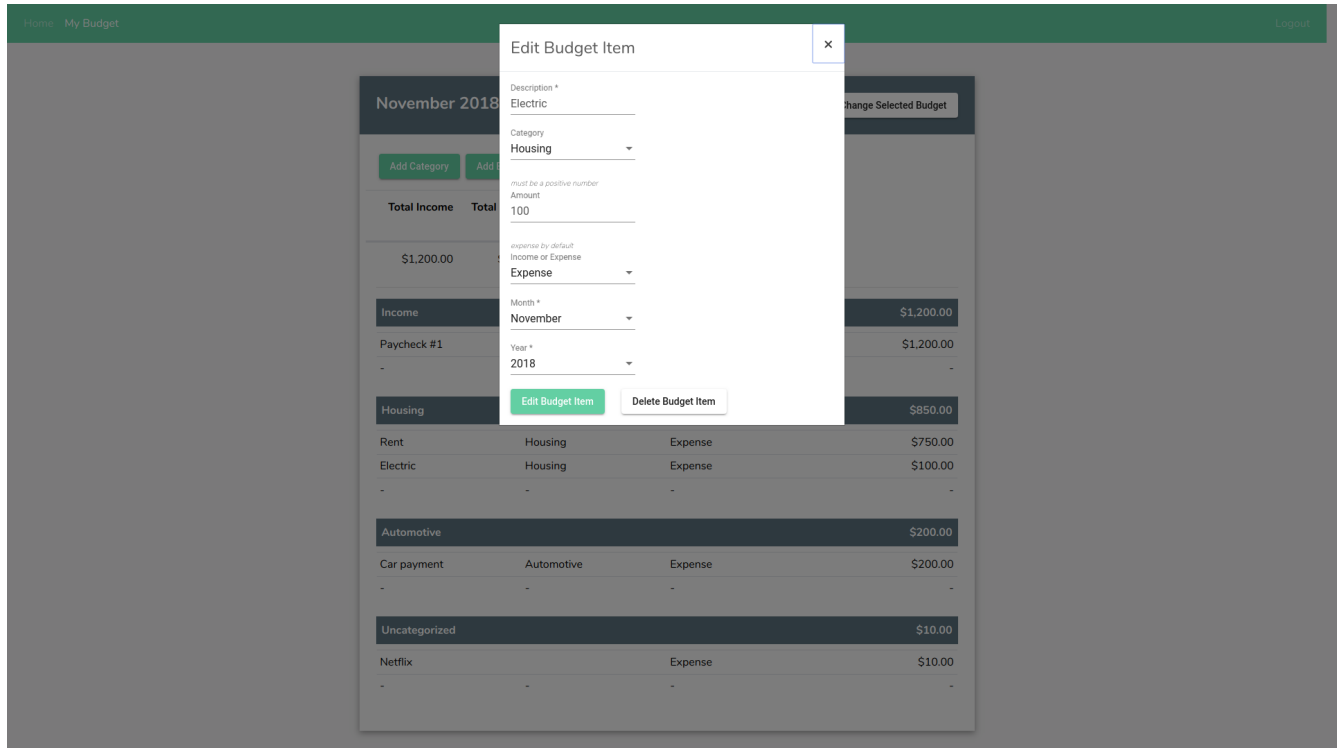
As you can see, it will group the budget items into their respective categories. Also, if an item does not have a category, it will be listed as “Uncategorized.”

A screenshot of a web application showing a table titled "November 2018 Budget". The table has three columns: "Total Income", "Total Budgeted", and "Budget Remaining". The table lists various budget items grouped by category, including Income, Housing, Automotive, and Uncategorized. Each category has a total amount, and individual items are listed with their respective amounts and categories.

November 2018 Budget			Change Selected Budget
Total Income	Total Budgeted	Budget Remaining	
\$1,200.00	\$1,060.00	\$140.00	
Income			\$1,200.00
Paycheck #1	Income	Expense	\$1,200.00
-	-	-	-
Housing			\$850.00
Rent	Housing	Expense	\$750.00
Electric	Housing	Expense	\$100.00
-	-	-	-
Automotive			\$200.00
Car payment	Automotive	Expense	\$200.00
-	-	-	-
Uncategorized			\$10.00
Netflix		Expense	\$10.00
-	-	-	-

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!