**Personal Accountant Logic**

**Bills:**

* User Enters Total they want to calculate in “BEFORE BILLS” textbox.
* Once total is entered they select “ADD” up at the top.
* User can clear the “BEFORE BILLS” textbox by selecting “CLEAR”.
* This step will add and populate that number in “BEFORE BILLS” and “AFTER BILLS”.
  + “BEFORE BILLS” value will stay the same/is static.
  + “AFTER BILLS” value will change as bills and expenses are added.
* “AFTER BILLS” will sync with both pie charts on BILLS tab and EXPENSES tab. Will also be sync’d with “TOTAL LEFT IN BANK” on EXPENSES tab.
* User will select the “ADD” button at the bottom to begin adding bills to the table.
* User will add “Bill Name”, “Bill Total”, and “Due Date” information.
* If user would like to remove a bill in the tab the user will highlight the bill by clicking it, then select the “REMOVE” button, which will sync with the “AFTER BILLS” and change with both pie charts that will display compared percentages.
* User will be able to click the “SAVE” button and all the data will save to a text file.
* User will be able to select a “LOAD” button and they can load any text file and it will be loaded into the program.
* Once completed the user will select “CALCULATE” this will show the new amount in the “AFTER BILLS” textbox and also calculate a percentage that will display in the pie charts to show the overall compared percentages.
* Pie Chart will give a percentage as well as a visual aid so the user can see how much they’ve spent vs. how much is in the bank vs. the expenses used in the EXPENSE tab.

**Expenses:**

* “Total left in Bank” textbox and “Percentage Pie Chart” will be sync’d with the “AFTER BILLS” and “Personal Pie Chart” from “Bills” tab.
* User will select the “ADD” button to add an expense which will change the “TOTAL LEFT IN BANK” and “Percentage Pie Chart” on both “Expenses” tab and “Bills” Tab.
* To remove an expense the user will highlight the expense that they want to remove and then select “REMOVE” button.