Writing Documentation for your Project

1. **Basic Premise**

A new shopping list management and calculation program, which is intended to help users keep track of how much money they are spending. They can add to the list, and if they think it’s too expensive, they can remove the unnecessary items. Users also have the option to see how much it will all cost at any time they like. The main intention is to help prevent users from wasting their hard-earned cash.

I chose to create this program because I had always struggled with keeping track of how much an item’s cost will impact the overall bill. It was a lengthy process of calculating how much tax the item had, and if there was an overall discount or not.

1. **Key Features**
   1. Naming the Whole Program
      1. You get to control how long the program name is
      2. The program randomly picks the name to use
   2. Adding Items to List
      1. Telling the program what you want to buy and how much it will cost
      2. Everything is stored in a list
   3. Removing Items from List
      1. Telling the program what you don’t want to buy
      2. Remove from your shopping list
   4. Printing Receipt
      1. Prints your receipt which has all items listed with prices, the overall tax, and the total price (including discount if applicable)
   5. Getting Total Price
      1. Just provides you with the total price, in case you want to see what your bill is without all the details
   6. Exiting Program
2. **Controls**

The only method of interacting with the program is through keyboard input

Input Requirements are always listed in the program before input is required.

Yet, a bit of common sense is required, for example you can not use anything but a number when the program asks you for an integer or price. If you do so, the program will warn you.

1. **Limitations**  
     
   \*NO BUGS FOUND YET\*
2. **Future fixes**

* If I was given more time and tools to work with, it would be the best to create a UI in which you can interact by using a mouse, instead of just a keyboard.