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CS210 – 7/3

My Project’s Documentation – Grocery1

The goal of my project is to read data from a file and then let the user choose what he wants, and help him get that from the list, we have 4 options one is to find the frequency of a specific product inputted by the user, the 2nd option is to list all of inventory in a list format by product name and their respective quantity, the third option is to list all of inventory in a list format by product name and their respective quantity but instead of using a number its reflected by asterisks and finally the 4th option is to quit the program.

Going about planning this program I wanted to keep everything clean and organized so I have 3 files in the project one is main and the other is GroceryTracked.h and GroceryTracked.cpp, main has the organizing part of the program it has a function that has the displayed menu that was going to call in the main class and then in main it runs the interaction with the user and calls the different functions that do all the brain work needed for this to work and that is divided to function on the GroceryTracked.cpp where I have 3 functions one to find the quantity of the item inputted and return an int variable that will be printed in main.

The second function doesn’t take any parameters it simply runs through the txt file and prints all the inventory once with their quantity next to it displays when called in main and outputs that list to this file frequency.dat, and the third function does the exact same thing the second function does except it prints asterisks instead of the number next to the product name.