Southern New Hampshire University

CS-300 DSA: Analysis and Design

Winnie Kwong

Professor Griffith

July 8th, 2023

**Code Reflection**

The assignment was to explore different sorting algorithms such as selection sort and quicksort of a vector of bids loaded from a CSV file. The output would display a menu to process and execute certain tasks such as load bids, display all bids, selection sort all bids, quicksort all bids and exit.

The project was challenging for me to complete and required a lot of time and effort to invoke the selectionSort() and quickSort() method. Luckily, I was able to retrace my steps by using Zybooks and previous course assignments to get the function to run properly. In Zybooks, recompleting the participation activities helped to grasp the concept of how-to code selection sort and quicksort. The only other minor issue I had was trying to understand why the output of the sample was different than mine. However, that issue was solved very quickly after realizing the sample CSV file of the same output used eBid\_Monthly\_Sales whereas the cpp file was preset to use eBid\_Monthly\_Sales\_Dec\_2016.

**Flowchart**

