3-2 Assignment: Linked Lists

Craig A Nelson

Department of Computer Science, Southern New Hampshire University

CS-300-T3671 DSA: Analysis and Design 22EW3

Professor David Ostrowski

January 16th, 2022

**Linked List Assignment**

The requirements for the assignment were to create a menu with these items.

1. Enter a Bid

2. Load Bids

3. Display All Bids

4. Find Bid

5. Remove Bids

9. Exit

We were given 5 main files, LinkedList.cpp, CSVparser.cpp, CSVparser.hpp and two .csv files.

Labeled within the LinkedList.cpp were sections where we were to code functionality for the above menu.

This assignment was much more difficult than the previous assignment. There were some quirks that I did not figure out why that was happening. If I loaded the bids by Item number 2, pressed again it doubled the number of bids. Another learning was that I probably should not hard code the find bid, the functionality should be a request for the bidId or bidkey and then do the search and print result.

One more learning even though we were instructed to have no output for Item Number 5, there really should be a prompt for the user to enter the ID number, and confirm that it was removed.

This project was straightforward working in tandem with the exercises from Zybooks. Most of my troubleshooting time was on Visual Studio 2019 itself.

**Linked List Flow Chart**

Diagram

Description automatically generated