CMSC204

Assignment 3 – Design

UML Diagram:

A computer screen shot of a computer program

Description automatically generated

Driver running (FX):

A screenshot of a computer

Description automatically generated

BasicDoubleLinkedList (add, retrieveLast, getFirst, remove, next):

A screenshot of a computer

Description automatically generated

SortedDoubleLinkedList (add, retrieveFirst, getLast, remove, next):

A screenshot of a computer

Description automatically generated

GitHub:

A screenshot of a computer

Description automatically generated

Lessons learned & learning experience:

* What have you learned?

This assignment was complex, it had a lot of thinking to do. Doing this assignment I have learned a lot about Double Linked list, how to add, remove, retrieve, sort, etc. Overall, this was a challenging assignment, but did teach me good skills.

* What did you struggle with?

The part I faced difficulty in was the add() method in the SortedDoubleLinkedList class. But once I went to the STEM Ackerman center, I was able to sort that out.

* What would you do differently on your next project?

The thing that I would do differently on my next project would be to start it earlier. I did start this one 2 weeks before it was due, but it took more time than expected. But now for the next one we technically have 3 weeks, as we have our spring break. So, I will start and try the next assignment as soon as I can.