**Scoring Rubric for Project 7: Linked Lists, Stacks, Queue, Sorted Linked Lists, and Inheritance**

*Due 11/14/2019 @ 11:59 pm*

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| Student Name: Chen Zhu |

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|  | **Score** | **Maximum** |
| **Execution (50 pts):** | | |
| Program compiles without errors (warnings are okay) | 0 | **50** |
| **Implementation (45 pts):** | | |
| Writes a brief description of your dataset and why you chose to use it for this project. Implements the Data class with at least 4 data members, overloads the output stream operator, and overloads the comparison operators (< or >). | 4 | **5** |
| Implements the Stack class inheriting from LinkedList class; includes a default constructor, a member public function named “push\_head”, a member public function named “pop\_head”. | 10 | **10** |
| Implements the Queue class inheriting from LinkedList class; includes a private Node \*tail, a default constructor, a member public function named “enqueue\_tail”, a member public function named “dequeue\_head”. | 10 | **10** |
| Implements the SortedLinkedList class inheriting from LinkedList class and includes a member public function named “insertSorted” | 0 | **10** |
| Reads from CSV file and writes the content of the Stack, Queue, and SortedLinkedList classes into stacked, queued, sorted text files. | 10 | **10** |
| **Style (5 pts):** | | |
| The driver and functions are easy to follow based on the use of comments | 0 | **3** |
| Easily identifiable variable names | 2 | **2** |
| **Total (100 pts):** | 36 | **100** |

Notes:

No description of dataset.

No comments.

Your program wouldn’t compile because you didn’t have correct code in your SortedLinkedList.cpp file. Inside this file was the same contents as the Stack.cpp file. Was this a mistake? Let me or Dr. Alqahtani know if you had the SortedLinkedList code but accidentally pushed the wrong file to github.