**List of Operations**

**Free**

- Results: if list is empty, this can set the head of the list to be null

-Errors: N/A

**Start**

- Results: Starts the list by making the head of the list point to null

-Errors: N/A

**Contents**

- Results: This displays the contents of the list. Sets the pointer to the head of the node. Can also move the pointer to the next node in the list.

-Errors: outofbounds

**Insertion**

- Results: This creates pointers to maneuver the list (temp, current, previous). Also assigns element values to the pointer we are not pointing too. Also assigns initial values to the pointers we are traversing with. If the list is empty it creates a temp head node. If the list is not empty then it can insert to the front of the list or it can insert to the middle traversing the list by moving the previous and current nodes. Insertion at the end cannot occur as it is a pointer error

-Errors: runtime exception, pointer error

**Empty**

- Results: Starts the list by setting the head pointer to null

-Errors: the head pointer might not exist, array out of bounds

**IsEmpty**

- Results: Checks if the list is empty and sets all unused memory to null

-Errors: the list might be infinitely long; outofbounds, there might be a character in the list that is unreadable