

CS5004 Lab05 Report – Part2

Rong Huang

Lab 5 part 2 : Linked List of Tasks

1. Extensions

- 1) Create a class that implements Predicate that would allow us to count all Chores (+2 points): CountAllChore.java
- 2) Create a Linked Chain that can store all 3 kinds of object (Task, Meeting and Chore).(+10 points)
- 3) Adjust your unit tests for your Node classes and LinkedList (+ 5 points)

2. Assumptions

I found the unclear part to be determining what methods to retain or remove transitioning from part 1 to part 2. Part 1 had numerous methods, some of which overlapped with functionalities in part 2, yet part 2 required significant modifications based on predicates. It was ambiguous whether to keep the unmodified methods. To clarify which methods we should focus on in part 2, I consulted with Professor Molly. She said that we should focus on the countIf, filter, and toString methods, while also retaining other methods related to the basic operations of the linked list.

3. Grading Statement

Add the extensions, total 100.

4. Academic integrity statement

I understand that my learning is dependent on individual effort and struggle, and I acknowledge that this assignment is a 100% original work and that I received no other assistance other than what is listed here.

Acknowledgements and assistance received:

Professor Molly, TA Will

Google, StackOverFlow

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