To: Stephen Osiru

From: Daniel Nzambuli

Date: 15 January 2025

Title: Daily Journal

Summary of Activities

- First Stand-up. The day started with a stand-up where I explained the targets and accomplishments I have met so far. This led to the creation of a [shared git reporsitory](#).

- Created a shared repository. We decided to create a repository with 3 branches; a main, daisy, daniel, following a discussion with my peer teammate.

- Learned about space complexity. During my discussion with my peer teammate I noticed that developing algorithms can incur costs in memory. My solution to a list reversal worked but because I created extra variables it was less efficient

- Refactoring Code. After my discussion on space complexity challenges I had to refactor a lot of my code and pseudo code development procedure

Challenges Faced

- Missing space complexity. This brought back my progress but I have learned to improve my code efficiency

- git collaboration rubric. Before the clear discussion on the goals for the shared repository there were challenges in the overall outcome

Key Outcomes

1. Refactored my code to account for space efficiency

2. Creating a shared git repository that is compliant to my teams goals.

3. Completed the challenges on removing the nth element from a linked list and getting the middle of the linked list