

EE422C Project 3 (Word Ladder) Team Plan

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We mostly worked together. Bryan did the initialization including graph construction and worked on BFS. Peter helped with debugging the BFS and testing to make sure the queue worked. Peter also worked on DFS and testing/making test cases. Bryan helped with debugging and testing DFS as well. We worked together on debugging and discussed different strategies to make our functions use memory efficiently. After we got the functions to work, Bryan optimized the DFS to make ladders shorter. We spent about 3 hours in person together and communicated the rest through chat and screenshots of code. Peter made 6 of the test cases and Bryan made 4. We tested to make sure our functions worked quickly and efficiently, and that the optimization resulted in shorter word ladders. Final testing was done by the both of us.