

EE422C Project 3 (Word Ladder) Team Plan

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We began by meeting up and discussing conceptually how we were going to implement both the DFS and BFS functions by suggesting the structure and implementations of our graph and node classes to accommodate a large amount of words in the dictionary. We then decided which functions (BFS/DFS) we were going to focus on before our next meetup. Johnathon focused on BFS and Hamza on DFS. This meeting lasted about an hour.

Before our next meeting, we set up the GitHub repository to document our code and submit changes so that we could see the changes as we made them and provide advice to each other if we needed it.

On our next meetup, we exchanged what we had for our respective functions and helped debug each other's code and suggesting ways to maximize efficiency. We also made sure that the printLadder and Parse functions were operating correctly. This meeting lasted about an hour and a half.

On our final meetup, we made the test cases for the BFS and DFS functions and did the final testing of our code together. Johnathon wrote the 5 test cases for the DFS and Hamza wrote the 5 test cases for the BFS. This meeting lasted about 3 hours.