EE422C Project 3 (Word Ladder) Team Plan

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We started the project together in our first meeting. During the meeting, we discussed how we should divide the project and setup a shared GitHub repo. Initially, Xiaoyong coded the initialize() method and the parse() method, while Yuankai did the printLadder() method. We later debugged each other's code. The BFS and DFS is considerably more demanding, so we met again on Tuesday afternoon to work on these together in the library. We started approaching the BFS and DFS methods by discussing their algorithms and pseudocodes. We also discussed some helper methods that we may need, and code those methods first. Then, Yuankai coded the BFS method and Xiaoyong coded the DFS method. During the coding, we helped each other with debugging and compared the complicity of the outputs. We spent approximately 5 hours together working on the DFS and BFS methods, and used GitHub for code sharing while working individually. We then wrote the test for each of the methods in the Main() class, which will be described in the Test Plan document.