**EE422C Project 3 (Word Ladder) Test Plan**

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Test Plan Summary:

BFS Test cases

1. balls sacks
   1. Covers standard inputs with a valid word ladder
   2. Run main as normal
   3. Expected valid ladder output between balls and sacks
   4. To pass, test must produce a valid word ladder with no repeats
   5. No comments
2. fight fight
   1. Covers repeated inputs
   2. Run main as normal
   3. Expected invalid word ladder to return
   4. To pass, test must give the ‘no word ladder found’ result
   5. No comments
3. walls malls
   1. Covers inputs with one degree of separation
   2. Run main as normal
   3. Expected invalid word ladder to return
   4. To pass, test must give the ‘no word ladder found’ result
   5. Per piazza, this behavior is correct
4. aldol drawl
   1. Covers inputs with no valid word ladder
   2. Run main as normal
   3. Expected invalid word ladder to return
   4. To pass, test must give the ‘no word ladder found’ result
   5. No comments
5. /quit
   1. Covers user input /quit
   2. Run main as normal
   3. Expected to exit Main
   4. To pass, test must terminate the program without printing anything else
   5. No comments

DFS Test Cases

1. Blah blah