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

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Pranav did the DFS module first, and then both sat down to debug and brainstorm ideas to make if more efficient. Pranav as well wrote the initial version of printLadder, and Eduardo then reviewed it and tested it to follow the output requirements of the project. Eduardo wrote the parse function and tested it. Pranav started work on the Main for testing and Eduardo included the modules he had implemented to it.

Eduardo worked out the BFS solution and both sat down to review it worked properly. The two of them then came up with an optimization using Adjacent Lists in the initialization, which Eduardo then wrote and implemented for the BFS. Pranav then implemented the Adjacent Lists into the DFS function.

They spent 4 hours together in the same room and

At the end of the project, they both sat down to do a final review of the project. They checked for minimum number of steps in the ladder and that all the modules worked properly together.

Eduardo wrote the tests FastBFSTest. ParseTest, InitializationTest and both wrote together BFSTest, and PermutationTest.