

Week 1(Thanksgiving):

We have copied over the Graph implementation from lab_ml, and completed our makefile, readFromFile documents which can successfully make tests. One test case is written but we are still working on implementing our DFS and Prim's algorithm in the finalProj. files, in which we have developed a MemeTracker class that inherits Graph class from lab_ml. We are still writing code for our MST algorithm, and we hope that we can get a graphical output of our memetracker, if possible. Also, we have uploaded a segment of memetracker txt file from Stanford Dataset (The original file is too large), just for general testing purposes.

Week 2:

We got our Iterative Deepening DFS implementation finished. We added several test cases to make sure it works. We have been adding stuff to our main.cpp, including turning our dataset into graphs, but not before we get our Prim's algorithm finished. Prim's algorithm is more challenging than we expected and we are still trying to debug it, but once it is finished, the rest of the things should be straightforward.

Week 3:

We successfully implemented the Prim's algorithm and DFS traversal for graphs and eventually was able to make sure that they work with our self-written test cases, also that they work in combination with each other. In the main.cpp we have written codes that extract vectors of strings from the dataset and eventually with a subset of our original dataset, we are able to output the correlation of each two vertices based on the timestamp when they are posted.