Analysis

Expected Grade

For this project I believe I achieved all the necessary requirements for the max grade of 110.

Challenges

This project proved to be the most challenging one yet for me. The specific task that I spent the most time on was the shortest path task. I spent the most time trying to implement Dijkstra's algorithm and creating a class "ShortestPath" to use whenever I wish to find a shortest path in my ADJMatrix. In the end I was happy with the result and as a result of constant tracing and making adjustments now know Dijkstra's algorithm better and how to utilize it for different graphs in the future.

Resources

A lot of logic for adjacency matrix I learned from the "Java Software Structures: Designing and Using Data Structures" textbook.

Computer Lab and Prof. Ochani who helped me work through a lot of the logic and conceptual thinking for how shortest paths and MSTs work.