- 11/21 - 11/29:
    - Pseudocode
        - Strongly Connected
        - Dijkstra's Shortest Path Algorithm
    - Discussed
        - Parsing/Storing of Data
            - How we want to store airports and their respective data (location, connections, etc.) for easy access for our implementation

This week we had multiple discussions over Zoom to discuss our method of parsing and of storing the data from the OpenFlights database. We then split the work between the three of us into data organization, an implementation of the strongly connected components concept, and Dijkstra's shortest path algorithm. We also hashed out the finer details of implementing maps and or dictionaries and their stored information. By our mid-point progress check, we were able to develop some pseudocode for the two algorithms and intend to ask for more insight regarding the BFS traversal.

- 11/30 - 12/4:
    - Completed:
        - Parsing/storing data in database
            - Useful variables and functions
        - Main.cpp for user input
        - Makefile
        - Strongly connected: brute force (disjoint sets) -> Kosaraju's
        - Figured out how our parts connect
        - Drew a graph of the connected airports to use for strongly connected, BFS, and shortest path
        - BFS Traversal through the graph
        - Shortest path using Djikstra's
    - Began Debugging

We had our mid-point check in the beginning of the week and were provided important information and insight regarding our code. For data parsing, suggestions were made for considering the addition of an airport class. We were also encouraged to use more established algorithms, like Kosaraju's, to determine the strongly connected airports in the database, instead of using disjoint sets. We implemented both of these suggestions. Along the week, we continued to meet to discuss how our parts are entwined and completed the makefile, the main.cpp file for user input, the parsing/storing in database.cpp along with its useful variables and functions, the graph drawing of the connected airports, the strongly connected using Kosaraju's, the BFS traversal, the shortest path using Djikstra's, and we have thus begun the debugging process.

- 12/5 - 12/11: