CS 225 Project Goals

In the final project, we will use the data set of the Open Flight dataset. We will build a program that reads in the dataset. Reads user input of different locations and yields the sequence of flights that lead them to the destination. Also, we plan to make a visualization of the map and path, but not quite decided. A landmark feature is added in case we have time left after completing previous ones as necessary parts.

Traversals

BFS (Breadth First Search) (Required as traversal)
This part is used to help the algorithm development.

Covered Algorithms

Shortest Path: Dijkstra's Algorithm (Required as covered algorithm)
This part is used to find the shortest path based on the airport and flight data.

Complex or Uncovered

1. Landmark path (Required as complex algorithm)
   This part is used to implement the landmark feature.
2. Graphical output on projected onto a world map (Optional)
   This part is about visual output.