CS225 GROUP PROJECT GOALS

Datasets to be used:

We decided to use the dataset inside OpenFlights. Specifically, we will probably use airports.dat and airlines.dat to find the shortest path between any airports. The format of the data sources will be csv files.

Database Description:

Airport ID, Name, City, Country, IATA, ICAO, Latitude, Longitude, Altitude, Timezone .

Example entry:

507, "London Heathrow Airport", "London", "United Kingdom", "LHR", "EGLL", 51.4706, -0.461941, 83, 0, "E", "Europe/London", "airport", "OurAirports"

Traversal :

BFS

Algorithms to be used:

Dijkstra's Algorithm

Complex or Uncovered Options:

Iterative deepening depth-first search