CS 5970/6970: Graph Algorithms
September 12, 2023

Homework 3

Question 1. Implement the indexed priority queue with a list based min-heap and dict based index. Keep in mind the hint in the comment for storing the tree in a vector. (60 points)

Question 2. Implement Dijkstras algorithm using your indexed priority queue from question 1. You cannot import Queue for either of these problems. (40 points)