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)

**See homework3.py**

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

**See homework3.py**

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