**CS 260 Self Evaluation for Assignment 9 – Weighted Graphs**

|  |  |
| --- | --- |
| Your name:  David Oftedahl | Date:  12/03/2022 |
| Are you willing to allow your code to be used in example debugging demonstrations or documentation?  Yes  No | |

**Instructions – Part 1**  
This document is to be turned in alongside solution of this lab. You will use this document to indicate your status on the lab, as well as areas where you are struggling conceptually or in converting concept to code. Please use the space underneath each evaluation criteria to describe any errors you are receiving or challenges you are having implementing the required functionality for your code.

**Project Organization (please fill in for your language)**

|  |  |
| --- | --- |
| ***File Structure (C++)*** | |
| Is your class split into a header and a source file? |  |
| Does the class have both a default constructor and an overloaded constructor or have default parameters for the constructor? |  |
| Are all objects created dynamically and deleted appropriately? |  |
|  | |
| ***File Structure (C#)*** | |
| Is your class declared in a class library, separate from your console driver? |  |
| Does your class have both a default constructor and an overloaded constructor or default parameters for the constructor? |  |
|  | |
| ***File Structure (Python)*** | |
| Is your class declared in a separate, imported file? |  |
| Does your class have a properly overloaded \_\_init\_\_ function? |  |

**Functionality**

|  |  |
| --- | --- |
| **Criteria** | |
|  | |
| ***Basic Graph*** | |
| Does the program compile without errors or warnings and run without crashing? |  |
|  | |
| Does all output match the expected output? |  |
|  | |
| ***Advanced Graph*** | |
| Is your priority queue functional? |  |
|  | |
| Does your minCostTree output the correct values? |  |
|  | |
| Does your minCostPaths output the correct values? |  |
|  | |

**Instructions – Part 2**   
Please answer the following questions, in your own words, regarding your experiences throughout this lab.

**Experiential Review**

|  |  |
| --- | --- |
| **What aspects of this lab did you find most challenging?** | |
|  |  |
| **What concept from this lab do you feel you have the best grasp on now?** | |
|  | |
| **Please summarize the basic concepts of Weighted Graphs:** | |
|  | |
| **How are weighted graphs used differently in the real world than non-weighted graphs?** | |
|  | |
| **How does the minimum path tree differ from the minimum cost spanning tree for a given graph and starting node?** | |
|  | |