**CS 260 Self Evaluation for Assignment 8 – Non-weighted Graphs**

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| Your name:  David Oftedahl | Date:  12/02/2022 |
| 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)**

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

**Functionality**

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| --- | --- | --- |
| **Criteria** | | |
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| ***Base Lab*** | | |
| Does the program compile without errors or warnings and run without crashing? |  | |
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| Have you implemented all the required functions? |  | |
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| Do your depth first and breadth first traversals properly work? |  | |
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| ***Advanced Lab*** | | |
| Does your connectivity table display the correct output? |  | |
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| Does your minTree output the correct values? |  | |
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**Instructions – Part 2**   
Please answer the following questions, in your own words, regarding your experiences throughout this lab.

**Experiential Review**

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| **What aspects of this lab did you find most challenging?** | |
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| **What concept from this lab do you feel you have the best grasp on now?** | |
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| **Please summarize the basic concepts of Graphs:** | |
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| **How does implementing a directed graph differ from a non-directed graph?** | |
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| **Graph databases are becoming more common as tools for widescale data aggregation. In general, graphs make sense when the relationship between objects is of equal or greater importance than the objects themselves. What are some examples you can think of that could benefit from being stored as a graph?** | |
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