C950 Task-1 WGUPS Algorithm Overview

(Task-1: The planning phase of the WGUPS Routing Program)

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2/25/2024

C950 Data Structures and Algorithms II

# Introduction

The purpose of this assignment is to create a program that will use algorithms to route 3 trucks with 2 drivers to deliver 40 packages while staying under a total of 140 miles traveled for 2 of the trucks.

# A. Algorithm Identification

Nearest Neighbor Algorithm

# B. Data Structure Identification

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# B1. Explanation of Data Structure

Text goes here

# C1. Algorithm’s Logic

Pseudocode goes here

# C2. Development Environment

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# C3. Space and Time complexity using Big-O notation

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# C4. Scalability and Adaptability

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# C5. Software Efficiency and Maintainability

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# C6. Self-Adjusting Data Structures

Text goes here

# C7. Data Key

Text goes here

# D. Sources

Text goes here

An example:

Lysecky, R., & Vahid, F. (2018, June). *C950: Data Structures and Algorithms II*. zyBooks.

Retrieved March 22, 2021, from <https://learn.zybooks.com/zybook/WGUC950AY20182019/>

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