# A Directed Acyclic Graph Map in Java

# CITS2200 (Data Structures and Algorithms)

## By

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**A report describing:**

Implementation Choice (20%)

* Details of implementation
* Reasoning behind choice

The Complexity of Methods (40%)

(Reece Sidenote: I'm assuming we should place specific importance on the more complex algorithms)

* Describe methods
* Analysis of performance (BigO)
* Justification for choice
* What could be done to improve choices

Test results section (20%)

* Instructions for running the tests
* The rationale behind the tests
* Evidence that the practical complexity of the methods agrees with the theoretical growth rate

# Implementation choice

Adjacency List, dicussion of the benefits (and