

**Module Code & Module Title**

CS5001NI Artificial Intelligence

**Assessment Weightage & Type**

20% Individual Coursework

**Year and Semester**

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**Assignment Due Date:**

**Assignment Submission Date:**

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*I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.*

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# Introduction

AI (Artificial Intelligence is an study of computer

* Explanation of the topic/AI concept used – Higher Level to Low level AI, ML, A
* Explanation/intro of the chosen problem domain/topic

# Background

* Research work done on the chosen topic/problem domain
* Review and analysis of existing work in the problem domain (may

include existing projects/research work already done in the problem

domain)

# Solution

* Explanation of the proposed solution/approach to solving the

Problem

* Explanation of the AI algorithm/algorithms used
* Pseudocode of the solution
* Diagrammatical representations of the solution (flowcharts/state transition diagrams)

# Conclusion

* Analysis of the work done – Self Reflection
* How the solution addresses real world problems?
* Further work – Research, General