Assessment Submission Coversheet:  
Complex Game Systems

Task 3 – Write a Performance Evaluation Report

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| **Student Name:** | Ryan Huynh |
| **Student Number:** | S213924 |
| **Student Email** | S213924@students.aie.edu.au |
| **Course Stream:** | 10702NAT – Advanced Diploma of Professional Game Development |
| **Assessment Name:** | Complex Game Systems |
| **Units Covered:** | PGDGSP6006–Develop complex systems for real time applications |
| **Teacher/s:** | Jesse James Donlevy |
| **Due Date:** | 07/06/2023 |
| **Date of Submission:** | *Will be automatically recorded on Canvas* |
| **Assessment Work Location** | Canvas |

*For more information on this task, please click on the* [***Subject and Assessment Guide***](https://aie.instructure.com/courses/1027/files/723198?wrap=1) *link in the course* ***Game Programming Year 2*** *under the subject* ***Complex Game Systems*** *on* [*https://aie.instructure.com*](https://aie.instructure.com) *and read the* ***2023 Subject & Assessment Guide – Complex Game Systems***

**Naming Convention**:

* *Yourname*\_CGS\_Report.pdf

**Declaration**

By submitting this work under my name, I declare that my submission is my own work with respect to plagiarism and does not violate any copyright laws. I have retained a copy of this assessment material that I can produce if requested.

Tick to acknowledge you have read and agree with this declaration.

Name: Ryan Huynh Date: 6/06/2023

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Task 3 – Write a Performance Evaluation Report

**Work Submitted:***Tick to acknowledge you have submitted this part of the assessment.*

* Performance Evaluation Report: Addressed the differences between the first brief and how the final product turned out.
  + Issues encountered integrated the Modular Complex System: Style of network, Modularity issues, manipulation of variables, fitness score and activation function are the differences encountered.
  + Performance of the system: System is compared on different methods of calculations and performance against intended solution and similar assets was discussed.
  + Any required changes for the system to function as intended: Decoupling the system and the demo game and the complexity of the system was reduced.

Name: Ryan Huynh Date: 6/06/2023