

Assessment 4: Mini Project

Assessment Attributes	D	C	B	A	A+
<p>The application implements a minimum of the following core features & qualities.</p> <ul style="list-style-type: none"> - The player can pick which agent to play with. - Each AI controlled agent can decide which action they will be doing according to the role they will do either defend/attack. - Each attacking AI agent can also decide whether they will try and capture a flag or free another player from prison. - Each AI controlled agent can find their way through the field. - The AI agents work together in the other team and work with the player as well to achieve the team goal of winning the game. - The addition of the AI creates an interesting experience for the player. - Game rules are all implemented. <p>80%</p>	<p>Not all features have been sufficiently implemented or implemented features contain bugs or errors affecting the functionality of the game.</p> <p>Program contains runtime errors/crashes that prevents the game from running</p>	<p>Most of the features have been sufficiently implemented or some features contain bugs or errors affecting the functionality of the game.</p>	<p>Program meets the minimum requirements & feature set and demonstrates a functional understanding of the underlying AI principles.</p>	<p>Program meets the minimum requirements & feature set and demonstrates a proficient understanding of the underlying AI principles.</p>	<p>Program meets the minimum requirements & feature set and demonstrates an advanced understanding of the underlying AI principles.</p> <p>Some additional features have been attempted and implemented.</p>

<p>The application implements the following features & qualities.</p> <ul style="list-style-type: none"> Game starts with clear instructions on how the player can play the game. Feedback is provided to the player. A winning condition is present and a winning/losing message is displayed. The player can restart the game after it ends. A Readme.txt file is included to explain the AI techniques used <p>15%</p>	<p>Not all features have been sufficiently implemented. or Implemented features contain bugs or errors affecting the functionality of the build.</p>	<p>Most of the features have been sufficiently implemented. or Some of the implemented features contain bugs or errors affecting the functionality of the build.</p>	<p>Program meets the minimum requirements & feature set. and demonstrates a functional understanding of the underlying programming principles.</p>	<p>Program meets the minimum requirements & feature set and demonstrates a proficient understanding of the underlying programming principles.</p>	<p>Program meets the minimum requirements and feature set and demonstrates an advanced understanding of the underlying programming principles.</p> <p>Some additional features have been attempted and implemented.</p>
<p>The software project is organised and correctly submitted.</p> <ul style="list-style-type: none"> The submission is clean with no unnecessary files. Folder structure and filenames conform to given specifications. An executable has been submitted separately. 5% 	<p>Project files and build not correctly separated. Unnecessary files included in project. Project, folder or filenames do not consistently conform to given specification.</p>	<p>All necessary project files and executables files have been separated and submitted.</p> <p>Project contains some unnecessary files but build and executable files are appropriately separated.</p> <p>Folders and filenames conform to given specifications.</p>	<p>Project contains some unnecessary files but build and executable files are appropriately separated.</p> <p>Folders and filenames conform to given specifications.</p>	<p>No unnecessary file submitted as per submission requirements.</p> <p>Folders and filenames conform to given specifications.</p>	<p>No unnecessary file submitted as per submission requirements.</p> <p>Folders and filenames conform to given specifications.</p> <p>Build and executable files appropriately separated.</p>

- The chart below outlines the grading scale used for grade student summatives and for final grading.

Grade	Range
A+	100-90%
A	89%-85%
A-	84%-80%
B+	79% - 75%
B	74% - 70%
B-	69%-65%
C+	64% - 60%
C	59% - 55%
C-	54% - 50%
D	49% - 0%