# **ID511001: Programming 2**

# **Classroom Tasks: Unity Game Engine Research Marking Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code Elegance** | The app demonstrates comprehensive evidence on the following:   * Use of OO principles, i.e., encapsulation, abstraction, inheritance and polymorphism. * Use of intermediate variables, constants and enumerations. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * No dead or unused code. | The app demonstrates clear evidence on the following:   * Use of OO principles, i.e., encapsulation, abstraction, inheritance and polymorphism. * Use of intermediate variables, constants and enumerations. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * No dead or unused code. | The app demonstrates evidence on the following:   * Use of OO principles, i.e., encapsulation, abstraction, inheritance and polymorphism. * Use of intermediate variables, constants and enumerations. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * No dead or unused code. | The app does not or does not fully demonstrate evidence on the following:   * Use of OO principles, i.e., encapsulation, abstraction, inheritance and polymorphism. * Use of intermediate variables, constants and enumerations. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * No dead or unused code. |
| **Documentation & Git Usage** | README file contains comprehensive evidence on the following:   * The app’s class diagram. * Known bugs if applicable.   Git commit messages are comprehensively formatted and reflect the changes in concise detail. | README file contains clear evidence of:   * The app’s class diagram. * Known bugs if applicable.   Git commit messages are clearly formatted and reflect the changes in substantial detail. | README file contains evidence of:   * The app’s class diagram. * Known bugs if applicable.   Git commit messages are formatted and reflect the changes in detail. | README file does not or does not fully contain evidence of:   * The app’s class diagram. * Known bugs if applicable.   Git commit messages are not or are not fully formatted and do not or do not fully reflect the changes. |

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# **Classroom Tasks: Unity Game Engine Research Marking Cover Sheet**

Name:

Date:

Learner ID:

Assessor’s Name:

Assessor’s Signature:

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Out Of** | **Weighting** | **Final Result** |
| Functionality | 10 | 50 |  |
| Questions | 10 | 50 |  |
| **Final Result** | | | /100 |
| **This assessment is worth 35% of the final mark for the Programming 2 course.** | | | |

**Feedback:**

**Functionality:**

**Questions:**