Cross Platform Development

|  |  |
| --- | --- |
| **Assessment Task Number:** Part 3 – Write a Technical Design Document | |
| **Unit Code(s):** | **Unit Title(s):** |
| ICTGAM537 | Prepare games for different platforms and delivery modes |
| ICTGAM535 | Develop complex 3-D software for games and interactive media |
| ICTGAM554 | Create games for mobile devices |
| ICTPRG533 | Debug and monitor applications |
| CUAANM412 | Create digital visual effects |
| **Instructions to Learners:** | |

This task can be performed as part of a group, but must be submitted individually. If done as a group, you must be able to demonstrate which parts of the submission are your own work.

During the planning phase, you will write a Technical Design Document.

This document can take any form and need not be a traditional document (i.e., a single document written in MS Word). For example, you may wish to assemble all planning information within a OneNote, Wiki, HacknPlan project site, or another flexible format.

If you use a non-traditional document format, you must ensure that all documentation is submitted in either MS Word or PDF format when submitting your assessment.

You can view example Technical Design Documents from the Subject Resources page.

In addition to that information typically found within technical design documentation, your document must contain the following pieces of information required for this assessment:

* The project requirements
* A technical description of the project you will make
* A list of assets required (this includes code assets, as well as art assets)
* The formats of assets and any issues of asset integration
* A schedule for production and testing, including milestones
* Defined developer roles for each team member
* Strategies for monitoring production progress

While you will write most of the document before starting development, the Technical Design Document is a living document that you will update throughout the project.

|  |  |  |
| --- | --- | --- |
| **Task** | | **Evidence Criteria** |
| 1. | Technical Design Document | A *Technical Design Document* (or similar, non-traditional version thereof), saved in MS Word or PDF format, containing the following information:   * The project requirements * A technical description of the project you will make * A list of assets required (this includes code assets, as well as art assets) * The formats of assets and any issues of asset integration * A schedule for production and testing, including milestones * Defined developer roles for each team member * Strategies for monitoring production progress |
| **Submission Requirements:** | | |
| You will need to submit the following:   * A Technical Design Document in MS Word or PDF format | | |