Cover Image

(Just take some Screenshot in a fancy position in unreal when implemented)

Game Title – (Make up some BS)

Document version = 1,0

Written By – Dylan Dennis (ST20231722)

Point of Contact – [st20231722@cardiffmet.ac.uk](mailto:st20231722@cardiffmet.ac.uk)

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Version Number – (Games software Version IDK Make it up I guess)

(ADD a Footer with the specs detailed in the TDD example kit thing)

**TDD Outline**

Insert Game Title here will be developed in approximately one month by myself with the use of the Unreal Engine game engine. Blender and 3DS Max will be used for the 3D asset creation and Photoshop used for texture and mapping creation. The project will use GitHub as a version control solution and audacity will be used for audio creation and editing to create sound effects.

This game will be developed for Windows PCs. The minimum specifications include (Make up some BS Min Specs)

**Equipment**

Hardware – Development efforts will utilize a Windows PC as well as an Asus laptop for the asset creation and development throughout the course of this project. Aswell as various other windows PCs used periodically throughout development.

|  |  |
| --- | --- |
| Hardware | Task |
| Windows Pc | Asset Creation  Game Development  Texture Creation |
| Huion Kamvas Pro 24 | Texture Creation |

**Software**

|  |  |  |
| --- | --- | --- |
| Software | Version | Task |
| Unreal Engine 5 | 5.2.1 | Game Engine / Development |
| 3DS Max 2024 | 26.2.0.22013 | 3D Asset Modelling |
| Blender | 4.0.1 | 3D Asset Modelling  3D Animation |
| Adobe Photoshop 2024 | 25.2 | Texture Creation |
| Audacity | 3.4.2 | Sound Effect Creation |
| GitHub Desktop | 3.3.5 | Version Control |

**ASSET SPECIFICATIONS**

File Formats and Naming Conventions (Ensure all listed Materials Comply)

|  |  |  |  |
| --- | --- | --- | --- |
| Asset Type | Naming Convention | File Format | Notes |
| 3D Models | ModelName | .FBX  .Blend  .MAX | Final models use FBX as it is a general 3D format |
| Textures | ModelName\_TextureType | .TIFF  .TARGA |  |
| Reference Images | AssetName | .JPEG  .PNG | Reference Images are not assigned any set naming convention |
| Animations | AnimationSegmentName | Contained within the models file |  |

Specific Model Specifications

|  |  |  |  |
| --- | --- | --- | --- |
| Model Name | Poly Count | Modeled With | UV Textured With |
| KatanaModel | 424 | 3DS Max | 3DS Max |
| PagodaModel | 8,710 | Blender | Blender |
| CharacterModel | 378 | Blender | Blender |
| TerrainModel | 2,500 | Blender | Blender |
| TorriGateModel | 740 | 3DS Max | Blender |
| LampModel | 1,114 | 3DS Max / Blender | Blender |
| Total | 13,866 |

Level 1 (Basically just a top down screenshot of the level with some annotations detailing the assets present in scene)

Development Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Week 1 | Week 2 | Week 3 | Week 4 |
| 3D Asset Creation | Reference Collection  Modelling | Modelling | Final Modelling  Texture Application | Texture Application |
| Texture Creation | Reference Collection | Texture Creation | Texture Creation | Final Texture Creation |
| Engine Implementation |  | Importing Basic Assets | Importing Textured Assets  Designing Level Layout | Final Asset Imports  Tweaks |
| Audio |  |  |  | Audio Recording  Audio Manipulation |
| Testing |  |  | Testing | Export Testing |

Milestones

|  |  |
| --- | --- |
| Date | Achievement |
| Add Some Dates | Basic Model Imports |
|  | Final 3D Asset Imports |
|  | Prototype Built |