| **Criteria** | **Pts** |
| --- | --- |
| Instructions & Controls  Well specified within the game and controls respond as expected. | 2 pts |
| Objective  The game has a clearly defined objective, with the player being able to progress towards and achieve that objective. | 1 pts |
| Gameplay Execution  Gameplay is well executed, bug-free, and operates at a reasonable frame rate. | 2 pts |
| Gameplay Design/Quality  The gameplay and control scheme are polished, easy to use, enjoyable and suit the design of the game. | 3 pts |
| Visiblity & Contrast  Objects and entities are clearly visible, and clearly distinguishable. | 1 pts |
| Graphics Quality  Objects, textures, lighting and user interfaces suit the style of the game, and there are consistent aesthetics employed throughout the game. | 5 pts |
| Camera Quality  Camera orientation, positioning and motion should be comfortable and well polished. | 2 pts |
| Procedural Generation  At least one object or game environment is procedurally generated in a manner that enhances the game’s visuals. High-level explanation in report is clear and shows understanding. | 4 pts |
| Shader Implementation #1  Custom written Cg/HLSL shader which appropriately enhances the game's visuals. This shader can be based on an effect explored in one of the labs. | 2 pts |
| Shader Description #1  Description of the shader is clearly detailed in the report. If applicable, it should be made clear how the shader provides a benefit over an equivalent CPU based approach. | 2 pts |
| Shader Implementation #2  Custom written Cg/HLSL shader which appropriately enhances the game's visuals. This shader must produce a non-trivial effect NOT explored in the labs. | 5 pts |
| Shader Description #2  Description of the shader is clearly detailed in the report. If applicable, it should be made clear how the shader provides a benefit over an equivalent CPU based approach. | 5 pts |
| Particle System  A particle system is utilised to create suitable effects within the game. | 2 pts |
| Evaluation: Querying  At least one querying technique is utilised, with improvements implemented. A minimum of 5 participants should participate. | 6 pts |
| Evaluation: Observational  At least one observational method is utilised, with improvements implemented. A minimum of 5 different participants should participate. | 6 pts |
| Report quality  The overall report quality and polish. The report should be present as a README.md in the root directory of the project. | 5 pts |
| GitHub Usage  GitHub has been utilised correctly to track changes to the assignment code. The project is easily downloadable via the given commit ID. | 1 pts |

What we need(gives us specific marks):

What we want: