|  |  |
| --- | --- |
| **Bachelor of Information Technology**  **IT7x30 Special Topic**  **Assignment 2**  **Report Presentation and Tests** | colour_white_logo |

**Due Date and Time**

5/9/2018 12.00AM

This may be subject to change.

**Extensions**

Extensions of time will only be granted for students who have an acceptable documented reason for not completing the assessment by the specified due date. When applying for an extension please send an email to the lecturer before the assessment due date. Please note the new rules for late assignments in the course outline on moodle.

**Grading**

This assignment is worth 30% of the overall course mark

**Terms**

All assessments must be attempted to pass this course.

**Purpose**

Research, evaluate and analyse the background and underlying principles of the major concepts of 3D digital design and technologies. Demonstrate consideration of the business, technical and social implications of the topic.

**Introduction**

In the previous assignment you investigated areas of interest and established direction for a specialist area that will support a concept of your choice.

For this assignment you will experiment with a series of “get start” or proof of concept exercises and you will be encouraged to research and share any technical material that will support your project. You will use these exercises that you sourced from the previous assignment and your research to create some simple tests that will lead to the planning and creation of a larger work. You will also be expected to keep a diary (this may be hardcopy and/or digital) of planning, investigative activities and class exercises. Also consider your work in relation to the industry practices you have considered. You are to document your findings in a short report around seven to eight hundred words and present what you have done to the class.

**Part 1. Technical “get start” proof of concept exercises - three tests**

Technical exercises and tests are to be generated as a result of tutorials you and/or your tutor have sourced. Tutorials may relate to any of the areas you have chosen to specialise in and may include but are not limited to specialist areas such as, texturing, modelling, rigging animation, including blend shapes, particle effects, interactive prototyping and others.

Make sure you document all your processes, tests and ideas in your diary. Your diary will include your technical tests and experiments. Your diary should also demonstrate:

- evidence of ideas you and if relevant others have generated

- reference material relating to your ideas

- tutorials you have investigated

- investigations of how your work relates to industry practices

- workflow issues should also be considered

- you should also demonstrate evidence of any social implications that need to be considered in you diary.

(Tutorial files will be on R drive in the folder IT7x30. Work at a level you are comfortable with. For revision you may wish to visit some of the tutorials on R drive IT6x21. )

**Part 2. Report and Presentation**

**You report is to be short, 700-800 words**

Your report is to be a concise tightly written work that describes the problem/s and questions you have been trying to solve as well as the findings and/or new problems that have arisen and as a result of your tests. To some degree it will be a formalization of what you have been scoping, testing and evaluating in your diary.

I suggest that your topic (concepts and or question/s) and introduction be around 100 words then 200 words for each test and 100 for the summary, variations of this may be appropriate. Make sure you make clear what it is you are trying to achieve, both technically and creatively.

Your presentation should cover all that is in your report and include demos and a show and tell of your proof of concept tests and processes. (Interactive demonstrations are preferred although a Datashow or movies may also effectively communicate what you have tested.) Your presentation should promote discussion relating to how your work will support the development of the greater project.

This could include further ideas generation, storyboarding and prototyping. Make sure all work is documented in your diaries.

**Submission of work**

You may share tutorials, tests and findings and any finished work via the shared drive. This can also be used as a backup. Please label your files well and organize into appropriate subfolders within your folders. Code versions can be stored on GitLab where useful.

**All work is also to be submitted onto Moodle** into the relevant folders except for diaries which may be submitted in hard copy. (I suggest scanning your diary and placing a copy on moodle to prevent any loss of work.)

MARKING SHEET

**IT7x30 Special Topic**

**Assignment 2**

**Plan, create and explore digital media content and/or interactivity.**

**This assignment is 30% of your overall grade for this paper**

**Student Name :**

|  |  |  |  |
| --- | --- | --- | --- |
| Tasks: | Evidence & Judgement | Mark | Student Mark |
| Ideas are generated in relation to a brief. | Students show evidence of ideas generation and investigation of sourced work and content in their diaries. | 10 |  |
| Research of content and tools is demonstrated and documented. | Diaries and tests demonstrate that content, materials, software and techniques are researched and that experimental tests have been completed and evaluated. | 20 |  |
| Tools and techniques are selected and used to generate concepts that could support the brief. | Application of technical design testing and problem solving has been demonstrated.  The final tests communicate in an effective and cohesive way.  The works demonstrate the development of strong independent technical problem solving skills.  The student demonstrated a level of testing and experimentation that has potential to serve the final project. | 20 |  |
| Report Summary | The report is concise and well organized and communicates what has been investigated and solved. Your report documents any new questions that have arisen. Referencing is appropriate and in APA style. | 20 |  |
| Presentation/s describe how the problems imposed by the brief have been solved. | Presentation/s is clear, audible and well structured. Students share their findings with others. | 20 |  |
| Digital video files are saved rendered and stored appropriately | Files are in directories specified by the tutor or brief. File size, compression, naming and type is appropriate. | 10 |  |
| Totals |  | 100 |  |

**Provisional Grade**

**COMMENTS:**