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| Student Name:Unit Name: Computer AnimationUnit No: 31 **Assignment title: A Basis for Animation**    **Assignment no:** 31.1    **Lecturer**: Daniel Fee  **Assessor**: Daniel Fee | **Date Set: 24th September 2013**  **Hand In Date: 8th October 2013**  **Internal Verifier:** Sue Doughty |
| **Criteria:**   * P1 Explain the different types of animation * P2 Explain different uses of animation. * P3 Discuss the advantages and limitations of animated GIFs. * M1 Explain persistence of vision. * M2 Compare different animation formats.   **Learning Outcomes:**  LO1 Understand the types and uses of animation.  **Criteria achieved in this assignment:**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Unit 31** | **P1** |  | **P2** |  | **P3** |  | |  | **M1** |  | **M2** |  |  |  |   You must sign the declaration below for this assignment submission to be accepted**.**  **WORK SUBMITTED AFTER THE DEADLINE WILL BE TREATED AS NON-SUBMISSION**  **I confirm that the work I am submitting for this assignment is my own work.**   |  |  | | --- | --- | | **Candidate Signature: …………………………………..** | **Date** | | **Assessor Signature: ……………………………………** | **Date** | | |

**Scenario**

Digital Myths is a small business that creates animations for schools. You are the newest member of the team and as a first assignment they have asked you to produce some materials for the schools with which they work. These will be displayed in the classrooms for Year 10 and Year 11 learners to help them begin learning animation.

**P1 – Explain the different types of animation.**

Produce an A3 poster or a leaflet that explains at least five different types of animation.

For each of these types of animation you should write about the following:

* What is it?
* How is it used traditionally?
  + Include the history of the animation technique.
  + Include a little on how it might have evolved.
* How is it used today?
* Give some examples of where it is used.

**P2 – Explain different uses of animation**

Create a new poster or leaflets about the uses of animation. Pick four different uses of animation and for each of them explain:

* Why is animation used for this ‘use’
* How are animations used for this ‘use’
* What sorts of animations are typically used for that ‘use’?
* Give examples of how animation is used for each use you’ve explained.

**P3 – Discuss the advantages and limitations of animated GIFs.**

Create a document about animated GIF’s. In this explain what an animated GIF is, talking about the advantages and limitations of using them.

(You might find it easier putting the advantages and limitations into a table before you discuss them.)

**M1 – Explain persistence of vision.**

Create a leaflet or document to explain persistence of vision. You will need to write about:

* What is persistence of vision?
* What are the other theories and opinions around persistence of vision?
* Are they any new theories that are being researched into persistence of vision?

Create a flipbook or thaumatrope to also help explain your answers.

**M2 – Compare different animation formats.**

Expand on what you have written for P3. For this section look at three other file formats used in animation.

For each of your chosen formats explain what it is. Write about the advantages and limitations of the file format.

Compare these advantages and limitations of the file formats against each other and discuss which ones you think would be the best and worst for the uses of animation you mentioned in P2 and why.

**Ensure you keep a copy of all assignments.**

* Assignments should have page numbers and your student number / name as a running footer.
* Assignments should be submitted as one file to Moodle2 by the date assigned on the front sheet of this assignment. You should print off the front sheet of the assignment, put your name at the top, sign and date at the bottom and give to your lecturer.

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| **Student**  **Name** | **Unit Name:** Unit 31 Computer Animation  **Assignment:** 31.1 |
| **Assign. Due Date 11/10/13 Hand In Date Date Returned** | |
| **General Remarks** | |
| **Marked (Name) …………..…………..............…..……................…….(Sig)................................... …………………(Date) .....................................................**  **Verified (Name) …………..…………..............…..……................…….(Sig)................................... …………………(Date) .....................................................** | |
| **Referral Information**  **Submit by ……………………………………..** | |
| **Student comments**  **Student signature & Date**  **……...........................................…………………** | |