Cardiff School of Technologies

Assessment Brief

Module Code	Module Title
CIS6004	Professional & Ethical Issues in IT

Academic Year	Semester
2023/2024	Semester 1

Module Leader email

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Content

Assessment Details

Assessment title	Abr.	Weighting
WRIT1 – Coursework	WRIT1	100%

Pass marks are 40% for undergraduate work and 50% for postgraduate work unless stated otherwise.

Task/assessment brief:

This assignment is made up of two parts:

1. Case study and questions

Read the below case study and answer all three questions a, b & c.

> **Case Study: A Moral Panic: ChatGPT and the Gamification of Education by Susan Kennedy**
>
> In November last year, OpenAI released ChatGPT, a free chatbot that produces AI-generated text. ChatGPT doesn't produce responses of particularly high quality, but its capabilities are nonetheless impressive. There have been reports that ChatGPT can currently pass the exams offered by law, business, and medical schools, and its capabilities are only expected to improve over time. Following its release, a moral panic has set in about the impact ChatGPT will have on cheating in school.
>
> What should we make of these concerns about ChatGPT becoming CheatGPT? In competitive contexts such as sports or games, cheating is said to be morally wrong because of the harm done to others in virtue of gaining an unfair advantage over one's competitors. In the context of education, cheating can result in similar unfair advantages but the moral harm that tends to take center stage is the harm done to oneself. Students who cheat are harming themselves by failing to respect academic integrity and the cultivation of their learning....
>
> (full article available here: https://www.scu.edu/ethics-spotlight/generative-ai-ethics/a-moral-panic-chatgpt-and-the-gamification-of-education/)

a) You are a computer graduate about to start a job with an AI company involved in the development and deployment of AI applications (like Chat GPT) for use by students. As a recent student yourself, give a <u>unique perspective (with personal insights and anecdotes)</u> supported by <u>academic references</u> to discuss the ethical considerations needed to be reflected on by the developers during this job. **(20 marks) 1000 words**

b) In your opinion, should students have unlimited access to these AI systems (e.g., Chat GPT, Claude 2, Bard etc.)? Please draw on personal examples as well as academic references to support your

answer (**20 marks) 1000 words**

c) In terms of supporting education (in particular, the critical aspect of the whole learning process), what is currently missing from applications like Chat GPT, Claude 2, Bard etc.)? For example, what guardrails do we need these AI applications to have that they currently do not have? **(20 marks) 1000 words**

2. Press release

'The internet allows us to send messages, share pictures, download music and stream videos at a touch of a button, but our online habits have a surprising impact on the environment'. (Griffiths, 2020)[1] Create a convincing press release to engage the reader (e.g., the public) to think about the positive **or** negative impact of internet usage on our environment. Draw from your own 'Personal journey with the internet' and highlight the impact that you feel that this has on the environment (positive or negative). Support the narrative with some references.

Use the template below as the basis for your press release.

- You must write something under every heading.

- The final document should be between 1 and 2 'A4' pages long

Below is the template for your press release. Please write something for each of the headings.

Heading—Title your press release in a way the reader (i.e., target audience) will understand.
Sub-Heading—Describe who the story is for and how they benefit.
Summary—Give a summary of the impact that the internet has on the environment (positive or negative). Support your personal insights on this with references. Assume the reader will not read anything else so make this paragraph good.
Problem—Describe internet usages and the current environmental impact (positive or negative).
Solution—Describe if/ how you feel the internet needs to evolve from here.
Quote from You—A quote from you on internet usage and its impact on the environment (positive or negative).
Closing and Call to Action—Wrap it up and give pointers to where the reader should go next for more information/ action.

All marks will be allocated according to the clarity and succinctness of your press release and how effectively it communicates your view on the topic. **(40 marks)**

Word count (or equivalent):	4000 words

This a reflection of the effort required for the assessment. Word counts will normally include any text, tables, calculations, figures, subtitles and citations. Reference lists and contents of appendices are excluded from the word count. Contents of appendices are not usually considered when determining your final assessment grade.

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[1] Griffiths, S. (2020). XXXX. Available from: https://www.bbc.com/future/article/20200218-climate-change-how-to-cut-your-carbon-emissions-when-flying

Academic or technical terms explained:

Guidance Notes

- **Part 1 Case Study & Questions**
  The collective three answers to these questions must be word-processed and no longer than 3000 words (+/- 10%). You are required to research the appropriate literature, legislation and cite suitable examples where relevant. Appropriate referencing must be used throughout; the 3000-word limit does not include your references.
- **Part 2 Press Release**
  The press release must be word-processed and use the template provided. It must be no longer than 1000 words (+/- 10%). The 1000-word limit does not include your references.
- **Planning and Research Support**
  Tutors and student coaches will be available to discuss answers to questions and the press release and suggest approaches and there will be time allocated for assignment support during the 6-week block.
- **Marking and Assessment Criteria**
  Parts 1&2 are together worth 100% of the total assessment for this module. See the assessment criteria below for more detail.

Submission Details

Submission Deadline:	This will be provided on the Moodle submission point.
	Estimated Feedback Return Date — This will normally be 20 working days after initial submission.
Submission Time:	By 4.00pm on the deadline day.
Moodle/Turnitin:	Any assessments submitted after the deadline will not be marked and will be recorded as a non-attempt unless you have had an extension request agreed or have approved mitigating circumstances. See the School Moodle pages for more information on extensions and mitigating circumstances.
File Format:	The assessment must be submitted as a pdf document (save the document as a pdf in your software) and submit through the Turnitin submission point in Moodle.
	Your assessment should be titled with your:
	student ID number, module code and assessment ID, e.g. st12345678 CIS6004 WRIT1
Feedback	Feedback for the assessment will be provided electronically via Moodle. Feedback will be provided with comments on your strengths and the areas which you can improve. View the guidance on how to access your feedback.

All marks are provisional and are subject to quality assurance processes and confirmation at the programme Examination Board. |

Assessment Criteria

Learning outcomes assessed

Learning Outcomes
[LO1] Critically consider the wider legal, social, professional and ethical environment for IT professionals.
[LO2] Critically discuss contemporary issues at the intersection of computing, technology, economy, politics and society.
[LO3] Demonstrate appreciation of the importance of a professional and ethical approach to computer science, software engineering and information systems, along with the importance of lifelong professional development.

Assessment Criteria	100%
Task 1 (**LO1, LO2, LO3**)	60%
Task 2 (**LO3**)	40%

Marking/Assessment Criteria

Part 1: Case study and Questions	**60%**
Question a)	20%
Question b)	20%
Question c)	20%
Part 2: Press Release	**40%**
Heading and Sub-heading	8%
Summary	8%
Problem	8%
Solution	8%
Quote from you	4%
Closing and Call to Action	4%

Further Information on assessment, referencing and grading can be found in the Module Handbook (on Moodle)

Marking/Assessment Criteria

	Case Study & Questions 60%	Press Release 40%
70 – 100% **(1st)**	Excellent and very convincing answers to the three questions that show evidence of extensive research. A detailed, in-depth and insightful discussion is given that focuses on the relevant issues from the case study. A clear, well-structured presentation of the points and discussion. High quality references used.	A highly creative press release on the topic stimulating some excellent interest and critical thinking. Heading and subheading are clear, and the summary is complete. The problem and solution discussed are very convincing. They both encompass research and excellent depth of knowledge and relevance to topic. An engaging quotation and final call to action. Excellent attention to detail. High quality references used.
60-69% **(2:1)**	Very good and convincing answers to the three questions that show evidence of some very good research. A detailed and insightful discussion is given that focuses on the relevant issues from the case study. A clear, structured presentation of the points and discussion. Good quality references used	A creative press release on the topic stimulating some very good interest and critical thinking. Heading and subheading are clear, and the summary is complete. The problem and solution discussed are convincing. They both encompass research and a very good depth of knowledge and relevance to the topic. An engaging quotation and final call to action. Very good attention to detail and quality references used.
50-59% **(2:2)**	Good answers to the three questions that show some evidence of some good research. A fairly detailed discussion is given that focuses on most of the relevant issues from the case study. A fairly clear, structured presentation of the points and discussion. Some good quality references used.	A fairly creative press release on the topic stimulating some good interest and critical thinking. Heading and subheading are fairly clear, and the summary is almost complete. The problem and solution discussed are fairly convincing. They both encompass some research and a good depth of knowledge and relevance to the topic. A fairly engaging quotation and final call to action. Fairly good attention to detail and some references used.
40-49% **(3rd)**	Average answers to the three questions that show some evidence of some research. A fairly detailed discussion is given that focuses on	An average press release on the topic stimulating some interest and some thinking.

	most of the relevant issues from the case study. A fairly clear, structured presentation of the points and discussion. A few references used.	Heading and subheading are not fully clear, and the summary is not fully complete. The problem and solution discussed are not very convincing in places. They both encompass little research and some knowledge and relevance to the topic. A quotation and final call to action is partially included. Average attention to detail. A few references used but lacking in quality.
35-39% (Narrow Fail)	A poor set of answers to the three questions that show little evidence of research. No discussion is given that focuses on any of the relevant issues from the case study. Little clarity and structuring of the points and discussion. No references used and little quality.	A poor press release stimulating very little interest and thinking. Heading and subheading are weak, and the summary is not complete. The problem and solution discussed are not effective or convincing. They both encompass very little research and no relevance to the topic. A quotation and final call to action is not included. Little attention to detail. No references used and lacking in quality.
<35% (Fail)	A very poor set of answers to the three questions that show no evidence of research. No discussion is given that focuses on any of the relevant issues from the case study. No clarity and structuring of the points and discussion. No references used.	A very poor press release stimulating no interest and thinking. Heading and subheading are very weak, and the summary is not complete. The problem and solution discussed are not effective or convincing. They both encompass no research and no relevance to the topic. A quotation and final call to action is not included. No attention to detail. No references used and lacking in quality.

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