CSC4104: *Systèmes d'information et transformation numérique*
Sample Exam 2024
Dr J Paul Gibson

INSTRUCTIONS

<u>**Answer only 1 question**</u> – if you answer more than 1 question then only the first answer will be evaluated and awarded a mark. You may answer in English or French.

You are allowed access to any secondary material (notes/books/web). Please correctly cite/reference any material that you use in your answer that is not your own work. (<u>Plagiarism of secondary material will be punished and may lead to disciplinary action.</u>)

> For example, in [1] the authors write there is a "need to develop an additional, alternative sociomaterial conceptualization of IS based on a non-dualist, relational ontology "
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> **Bibliography**
> [1] Boell, Sebastian K., and Dubravka Cecez-Kecmanovic. "What is an information system?." *2015 48th Hawaii International Conference on System Sciences*. IEEE, 2015.

The use of LLMs (like ChatGPT) is not forbidden, but any text generated must be acknowledged accordingly.

I suggest you spend **2 hours** to answer your question. However, there is *no strict time limit* and I will permit you extra time if you require it.

The evaluation criteria are: 1) correct use of technological terms and abstract concepts from the module, 2) evidence of progress you have made during the module, 3) coherent reference to work you have done as part of the project case study.

Please submit your answer electronically – email paul.gibson@telecom-sudparis.eu - as a .pdf (or plain text). Do **not** leave the exam before Paul has acknowledged reception of the email.

Question 1: During the module we discussed the notion of ethics in information systems. What are the main ethical issues that you are most worried about, in general (explain why). Which are relevant to the case study you developed?

Question 2: The module web site references much secondary material and resources. Which of these did you find the most useful in the development of the project (explain why).

Question 3: There are many different roles and careers in the development and deployment of information systems. Which one do you think you would be most suited to, and why?.

Question 4: What was the most challenging part of working on the project case study? Which was the most interesting part? Which was the most boring part? What lessons did you learn from the project.

Question 5: It has been said that "The most important components of any information system are the humans." Discuss.

Question 6: What information system has had the most positive impact on your life (education/work/personal). What functionality would you like it to offer, that it does not: write a feature request for the development team.