MS 810 – ASSIGNMENT 22/23

GROUPS:

In Groups, address the **technology, ethical and legal issues** in one of the following topics:

1. MIS International cyber warfare –viruses are the new nukes
2. MIS Hacktivism – anonymous activism
3. MIS Data and the dead – digital footprint after death
4. MIS Drones and autonomous weapon systems - ethics and issues
5. Bitcoin, blockchain and cryptocurrency - the digital and ethical implications
6. Panama Papers Leak - Mossack Fonseca compared against other similar breaches
7. Hillary Clinton – the consequences of using technology in politics
8. Blackmail online - the ethical issues and implications
9. Digital dating and relationships - from Ashley Madison to Tinder
10. Filtering big data - From Amazon to Google and Facebook
11. 1984 revisited - reality or dystopia?
12. The dark web - history present and future implications
13. Quantum computing - ethical issues going forward
14. Music and movies online - streaming, IP and copyright issues
15. The surveillance society - CTTV in the age of ubiquitous technology
16. Working From Home - a summary of the ethical, legal and technology issues
17. "The great hack" - a summary of the ethical legal and technology issues around 'Cambridge Analytica'
18. British and Irish broadcasting restrictions on terrorists - a history and implications
19. Tax evasion and the hunt for hidden treasure - the ethics of hunting tax evaders
20. Green IS – The ethical and legal points surrounding environmentally friendly tech and tech for environmental good
21. Corporate Social Responsibility – how firms engender best practices through policies and values
22. Robots of the future – creative, crazy or creepy
23. Contact tracing apps - a summary of the ethical, legal and technology issues
24. Professional Ethical Hacking – the issues
25. Social robots – the ethical issues
26. AI Chatbots – technology, ethical and legal issues
27. Self-Driving Cars – technology, ethical and legal issues
28. Tech Giants – how ethical is "surveillance capitalism"?
29. AI Recruitment – technology, ethical and legal issues
30. 'Digital welfare state' – AI and welfare systems technology, ethical and legal issues
31. 'Deep fakes' – video simulation systems technology, ethical and legal issues
32. Facial recognition – technology, ethical and legal issues
33. Biometric systems for privacy and security - technology, ethical and legal issues
34. Wikipedia –technology, ethical and legal issues
35. Digital Home Assistants – spies in the living room? - technology, ethical and legal issues
36. Cyborg futures – are our gadgets already plugging us into the Matrix - technology, ethical and legal issues
37. White Hat Hacker Donations to Charity - technology, ethical and legal issues
38. Such other topics as might be agreed directly with the lecturer

TASK

Your group task is to provide a report about the topic in the form of

1. a **Report** (3,000 words) and
2. a **Video** (5 Mins Max)

Individuals/Companies/Governments/Armies tend to conceal a lot of facts about ethical issues. Therefore, it can be hard to find relevant information. For a video presentation select the most interesting facts you can find and attribute all sources. Personal opinions should be kept to a minimum and contained in the conclusions section. **Use Kaltura, Camtasia, Screencast-O-Matic or other video software to record your video.** The video can be then uploaded to Blackboard. You have been drafted to advise your class and the lecturer on the issues or incidents. In particular you will provide:

(1) **Report** - an essay covering issues such as, but not exclusively limited to the following:
- [ ] the nature and structure of the technology, phenomena or systems concerned
- [ ] details of the nature of the actors involved and the works they complete/d
- [ ] a detailed explanation of the issues evident
- [ ] an examination of the law or potential liabilities under the law
- [ ] ethical considerations
- [ ] suggested course of action to prevent future vulnerabilities
- [ ] any other information that you think is relevant and interesting

(2) Video
- [ ] No longer than five (5) minutes duration providing a synopsis of your group Report

Each individual must also provide evidence of teamwork and cooperation

1. **Individual Contribution Form**

ASSIGNMENT MARKING 30% OF MODULE MARK:	
5%	evidence of teamwork and cooperation
15%	**Report**: 3000 words +/- 10% - excluding abstract and references References to be in the Harvard format All group members should contribute
10%	**Video:** Presentation.

Online submission Deadline for essay, video and Group Project Submission and Individual Contribution forms to *MS810 2223 Assignment* on Blackboard:

Deadline 15th February 2023

Videos will be presented in lectures after 15th February

REPORT ESSAY FORMATTING:

• Time New Roman 11 pt. – 1.5 Line Spacing
• Divided into appropriate sections i.e. (Introduction, Analysis, Conclusion etc.)
• Use consistent language and formatting throughout
• Check spelling, grammar, references, **Turnitin** and punctuation
• Insert page numbers
• Place full names, student IDs, and an essay title on the cover page
• Please include references as a separate section in the essay in the Harvard format
• Declaration – one common Group Project Submission form must be submitted with the report signed by each group member.
• Each student must complete Individual Contribution forms.

1.CHECKLIST FOR SUBMISSION:
1. GROUP SUBMISSION FORM and INDIVIDUAL SUBMISSION FORMS
2. REPORT PDF/DOC VERSION

2. CHECKLIST FOR VIDEO
1. VIDEO UPLOADED TO BLACKBOARD (5 Mins Max)

All queries to **niall.obrolchain@universityofgalway.ie**