SGSI 2024 - Essay Final

This essay comprises these four items:

1 – SGSI: From all the concepts of our ontology, select the 10 concepts that you understand best synthesize the course.

1.1 – CMAP (10%): Propose a concept map providing a comprehensive view of these concepts.

1.2 – Analysis (10%) Propose a textual description of the above concept map.

2 – Industry or Driver: Select an industry or a driver that was addressed in the projects for this course, which cannot be any industry or driver that you had addressed in your groups P1 or P2.

2.1 - CMAP (10%): Propose a concept map providing a comprehensive view of that industry or drive. Use for this the reports by your colleagues on that industry.

2.2 – Analysis (10%): Propose a textual description of the above concept map. If any report inspired you in special, recognize that here.

3 – ECSF: Considering the "European Cybersecurity Skills Framework":

- **https://www.enisa.europa.eu/topics/education/european-cybersecurity-skills-framework**

3.1 – CMAP (15%): Propose a concept map providing a comprehensive view of these roles in relation to the concepts of this course (the conceptual map must use the 4 roles below, plus any other 6 roles from our ontology):

- CHIEF INFORMATION SECURITY OFFICER (CISO)
- CYBER LEGAL, POLICY & COMPLIANCE OFFICER (CLPCO)
- CYBER THREAT INTELLIGENCE SPECIALIST (CTIS)
- CYBERSECURITY AUDITOR (CAudit)

3.2 – Analysis (15%): Propose a textual description of the above concept map.

4 – AI Regulation: Research the issue "Regulation of AI". Consider, for example, these "seeds":

- https://en.wikipedia.org/wiki/Regulation_of_artificial_intelligence
- https://www.britannica.com/money/ai-rules-and-regulations
- https://www.lawfaremedia.org/article/a-comparative-perspective-on-ai-regulation
- https://www.theregreview.org/2024/01/15/coglianese-how-to-regulate-artificial-intelligence/

4.1 – CMAP (10%): Propose a concept map providing a comprehensive view of the discussion on the pros and cons of the regulation of AI. This conceptual map can use new concepts but must use at least 4 concepts from our ontology.

4.2 – Analysis (20%): Propose a textual description of the above concept map. As the issue is can be complex, consider here a richer textual description, with more details for the core issues.

Important:

- Each conceptual map asked must contain 10 concepts (precisely 10 concepts, no less, no more)
- When a concept from our ontology is written, in a conceptual map or in a textual description, it always mut be preceded by its code (e.g., for "Stakeholder" always write "[104] Stakeholder").

Deliver:

- Make a PDF file with 4 pages (PRECISELY FOUR PAGES, NO LESS NO MORE) according to these guidelines:
  - Use one page for each of the four items above, putting in each page, by this order:
    - **Your student's number**
    - **The title of the item**
    - **The conceptual map**
    - **The textual description**
    - **VERY IMPORTANT: If you do not make one item, provide the page with ni conceptual map and description!**
  - **Name the file with your student's number (nothing else but ONLY the number)**
- Upload the file in Fenix as a project report were announced for this delivery