SGSI 2024 – Project Assignment

P1 – Project Deliver 1

Who: Groups of 3 or 4 students (Tagus) or of 4 or 5 students (Tagus)

What: Each group will get 3 industries (to be assigned by academia) and must deliver a report, in a PDF file, describing and **comparing the industries from the perspectives of the first two themes** (Governance; IT Management), each analysis comprising:

- **(60% = 3 industries × 2 themes × 10%)** For each of the **3 industries**, create **2 pages**:
  - Each page should include a **conceptual map** and a **textual analysis**.
  - Each page should focus on **one of the two themes** (i.e., one theme per page per industry).
- **(40% = 4 × 10%)** Create **2 additional pages**, each containing **4 half-page comparisons**:
  - Each half-page compares **two industries** from the perspective of **one of the two themes** (freestyle format).
  - **Note:** One industry will need to appear in **two different comparisons**.
- **Structure of the PDF file:**

P2 - Project Deliver 2

Who: Cluster Composition
- Academia will make **clusters of 3 groups**.
- Each cluster will address **4 industries,** what will mean for each group its **3 original industries** plus **1 additional industry**.
- In those 4 industries, will be the **Central Industry.**
  - **Example**: A cluster that covers Industries 1, 2, 3, and 4 and **Industry 2** is the **Central Industry** may consist of:
    - Group A: Original industries 1, 2, 3
    - Group B: Original industries 1, 2, 4
    - Group C: Original industries 2, 3, 4

What: Deliverables
Students in each cluster must coordinate to submit **a report in 3 parts**, focusing on the **central industry** and its comparison with the other three:

- **(20%) Part 1: P2-Narrative (Slides) -** A single **PDF file** with the following **mandatory structure**:
  1. **Title & Team** – Title with the central industry + group identification
  2. **Overview** – How all 4 themes relate to the central industry
  3. **Context & GRC** – Stakeholders, business models, GRC, organizational patterns, maturity, etc.
  4. **Governance of IT** – IT's role, governance structures, standards, compliance
  5. **Operations & Resilience** – Operational challenges, security, resilience, continuity risks
  6. **Providers** – Main technology and service providers for the industry
  7. **Strategy & Change** – Strategic alignment, transformation readiness, etc.
  8. **Dilemmas** – Expected near-future challenges related to at least one theme
  9. **Cross-Industry Similarities** – How the central industry is similar to the other three (thematically)
  10. **Cross-Industry Differences** – How the central industry differs from the others (thematically)
  11. **Takeaways & Discussion** – 1–2 key lessons + 1 provocative question for discussion
  12. **Credits & Method** – Sources, tools, frameworks, and any AI tools used
- **(30%) Part 2: P2-Video -** A **3-to-4-minute video**, aligned with the slides **(**to be presented and discussed during the Workshop)
- **(50%) Part-3: P2-Analysis (PDF Report)**
  1. **Central Industry Analysis (20%)**
     - **1 page** (free style)
     - Describe the central industry using the **4 themes**, highlighting at least **one key challenge per theme**
  2. **Comparisons (30% = 3 × 10%)**
     - **3 pages**, each comparing the **central industry** with one of the **other three industries addressed in the same cluster**
     - **Consider all 4 themes in each comparison** (free style format)

About Students, Groups and Assignment of Industries

- Students might be 130-140 at Alameda and 50-60 at Tagus.
- For the phase P1 there will be made 45 groups, of whom 30 in Alameda (of 4-5 students) and 15 in Tagus (of 3-4 students).
- For the phase 2, there will be made 15 clusters, 10 clusters in Alameda and 5 cluster in Tagus.
- Students will be free to make the groups (an online sheet will be shared for this purpose).
- As far as each group will be registered, academia will assign to that group the 3 industries for P1.
- After the delivery of P1, the academia will announce the clusters for P2.
- VERY IMPORTANT: As each industry can be a very complex world, each group MUST define and focus on a niche (for example, in Health, one focus on "Pregnancy" would make all the sense, among many others also possible…). The industries will be these:
  - Manufacturing
  - Energy and Utilities
  - Retail and Digital Commerce
  - Transport and Logistics
  - Hospitality and Leisure
  - Banking and Financial Services
  - Agriculture and Farming
  - Healthcare

Project Timeline

28/04 - Sheet for students to register groups (assignment of industries will be announced in 24h after this registration)
23/05 - Deadline for P1 delivery (group)
24/05 - All P1 reports shared to all students, for individual review (online review form published).
29/05 - Deadline for P1r review delivery (individual, item that counts for the essay E5)
31/05 - Publication of P1 grades (academia)
02/06 – Deadline for P2-Narrative and P2-Video delivery (group)
03/06 - Project Workshop (TAGUS)
04/06 - Project Workshop (ALAMEDA)
05/06 - Deadline for P2Wr review delivery (individual, item that counts for the essay E5)
16/05 - Deadline for P2-Analysis delivery (group)
27/06 – Publication of P2 grades (planned)