

## **Assignment:** Investigating Information Systems in Action

### **Objective:**

Students will investigate how a local or global company applies the principles of Data Management and IS Frameworks (Operational, Tactical, and Executive Information Systems). Through research, teamwork, and presentation, they will analyze real-world implementations and demonstrate their understanding.

### **Instructions:**

#### **Part 1:** Group Research (50 minutes)

1. Form Groups: Divide the class into groups of 7–8 students.
2. Select a Company: Each group selects one company (local or global). Examples:
  - Local: A university, hospital, or small manufacturing company.
  - Global: Amazon, Tesla, Walmart, or Google.
3. Focus Areas: Investigate how the company uses:
  - Data Management:
  - Types of data collected (structured, semi-structured, unstructured).
  - How databases or data management systems are implemented to support operations.
  - IS Frameworks:
  - Examples of operational, tactical, and executive systems used in the company.
  - How these systems are integrated to support decision-making at different levels.
4. Collaborate: Use online research tools or prior knowledge to gather relevant information. Groups should divide roles, such as researcher, note-taker, timekeeper and presenters, to stay organized.

#### **Part 2:** Presentation Creation

1. Slide Deck:
  - Prepare a 5–7 slide presentation covering:
  - Slide 1: Company Overview
  - Slide 2: Summary of Data Management Practices
  - Slide 3: Examples of Operational, Tactical, and Executive Systems
  - Slide 4: Analysis of how these systems interact or improve efficiency.
  - Slide 5–6: Recommendations or improvements (optional).
  - Slide 7 (Final Slide): List of Sources Used (e.g., websites, articles, books, interviews).
2. Visuals and Clarity:
  - Include charts, diagrams, or screenshots where possible to illustrate your findings.
  - Make the slides clear and easy to read, with a professional design.
3. Citation Style:
  - Use a consistent format for listing sources (e.g., APA, MLA, or simply URLs and publication names).

#### **Part 3:** Group Presentation (Next Class)

1. Duration: Each group will have 7–10 minutes to present their findings.
2. Presentation Roles:
  - At least 3 members of the group must present, while others can assist with Q&A or technical setup (e.g., managing slides or handling visuals).
  - Groups should decide who will present based on strengths and preferences.

3. Q&A: After the presentation, the entire group must be prepared to answer 1–2 questions. Non-presenting members should contribute during the Q&A to ensure full group participation.

**Deliverables:**

1. A PowerPoint or Google Slides presentation file (submitted before presenting).
2. An optional one-page summary of their findings (to aid in Q&A).

**Grading Criteria:**

Criteria	Points
Relevance and depth of research	20
Clarity and organization of slides	20
Quality of analysis and insights	25
Creativity and use of visuals	15
Team participation and delivery	20
Total	100