

Week 4 Tutorial: Information Security plan

Group Discussion and Analysis (60 minutes)

Groups discussion continue using the same scenarios and groups allocation as previous weeks.

Scenario topics:

1. An online holiday booking system.
2. A medium size school timetabling and attendance system
3. An estate agent web application
4. A restaurant self-service digital ordering system

Each group must:

- a) Draft an **Information Security Mission Statement** for their scenario.
 - 1- Groups should articulate why security governance is vital for their system.
 - 2- They will align objectives to business needs (e.g., protecting sensitive data, ensuring availability).
- b) Define **Key Objectives** of their information security plan.
 - 1- Identify the **Steps Required** to achieve these objectives using either NIST or ISO 27001 as a guide. Include aspects such as:
 - Identifying key stakeholders.
 - Establishing policies, standards, and procedures.
 - Allocating resources and roles.
- c) Compile a summary of their plan, including the mission, objectives, and steps.

Presentation(10 minutes each)

Each group will briefly present their findings, explaining:

- Their mission statement and objectives.
- The steps they identified (linked to NIST or ISO 27001).

Next week, we'll build upon these plans by developing a Risk Management Strategy to address identified challenges and ensure robust information security governance

Class Discussion (30 minutes)

The remaining of the session is focused on the assignment and how you should align this week activity with the assignment tasks.