

Week 5 Tutorial: Developing a Risk Management Strategy

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

Risk management work phase (1 hour)

Each group must:

- a) Identify Key Risks:
 - 1- Based on their plan and governance framework, list potential risks specific to their scenario.
 - 2- Categorise risks (e.g., strategic, operational, technical, compliance risks).
- b) Conduct a Risk Assessment:
 - 1- Use the provided framework to assess and prioritise risks based on:
 - 2- Likelihood of occurrence (e.g., rare, occasional, frequent).
 - 3- Impact on the system (e.g., low, medium, high)
 - 4- Populate a simple risk matrix to rank risks (high, medium, or low priority).
- c) Propose Risk Mitigation Strategies categories:
 - 1- For Each risk, outline strategies to manage, mitigate, or transfer the risk.
- d) Justify your mitigation strategy for each risk.

Presentation (10 minutes each)

Each group will briefly present their findings, explaining:

- Key risks identified for their scenario.
- Results of their risk assessment (e.g., matrix or list of prioritised risks).
- Proposed mitigation strategies and alignment with governance objectives.

For the remaining weeks, we'll start looking at mitigation techniques for the various threats and risks identified in the information security plan.

Week 6 will focus on the Access Controls methods.

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.