

## Information Risk Management – Introductions and Assignment Review

### Outline:

- Online session rules
- Learning Outcomes
- Introductions
- Seminar 1 Questions and Q&A
- Further information

### Online Session rules:

- In short: Same as usual.

### Module learning outcomes/ aims:

- An understanding of the basic principles of information risk management.
- An understanding of the relationship between IRM and the SDLC.
- An understanding of the role of risk management and residual risk in the SDLC.
- An appreciation for current and future challenges, limitations and opportunities.
- The opportunity to reflect on and evaluate personal development.

### Assessment:

- Part 1: A Status Report Document for an Information Risk Management (IRM) Report
- Acme manufacturing is an SME (Small/Medium Enterprise) employing 150 staff. It produces sporks for niche industries and due to increase demand, has decided to purchase an ERP (Enterprise Resource Planning) system to allow itself to more flexible manage its supply chain. With this, the company should be able to scale production up or down to better meet demand.
- The company has shortlisted its selection down to 3 options:
- A COTS (Commercial Off The Shelf) solution provided by a major manufacturer at a total cost (purchase plus support) of \$100K per annum.
- An Open Source solution that will be installed and supported by their internal IT department, relying on community support for any escalations.
- An in-house created solution built by a student as part of her final year project and supported by the developer , as well as the internal IT department.
- Currently, all the resource planning and scheduling are don via spreadsheets and that solution is becoming unwieldy.

- For this first assessment, your team is expected to propose an overview of your intended information risk management work for the organisation via a status report. (30% of the overall module mark).
- Your project status report should detail the possible information risk management, realted problems you have identified. Your Reports should outline business challenges, the existing model and then highlight (briefly) what information risk management theories and practices you intend to utilise on this project. Build up rationale where appropriate, supported by literature.
- State any requirements you have obtained, and assumptions you have made as the basis of your investigation. You should also state any tools and models that you will use in your investigation.

- **Deliverables for the assignment**

- Business scenario overview, including requirements obtained and assumptions made
- Business challenges and rationale
- Discussion and selection of methods/tools/approaches
- Timeline of the completion of task
- It is recommended that most of these questions are addressed as bullet points to meet the word count requirement. The timeline can be expressed as a diagram or Gant chart and is not included in the word count.
- Submission is limited to 1 page (approx. 600 words)

Further Information:

- Assessment – group assessment teams of 3-4 people
- Design/ Report (week 3)
- Final risk report / summary & DR design (week 6)
- Individual Reflection (week 6)
- Formative feedback on discussion forum
- Office Hours: Tuesday 19:00-20:00 GMT / Wednesday 13:00 – 14:00 GMT

Next Week:

- Read the Spear & Barki (2010) article (Unit 2 reading list) then discuss the following:
- How did the authors use both Qualitative and Quantitative assessment approaches? What benefits did each approach yield?
- What do the authors list as the advantages of involving users in the risk management process?
- Based on the findings of the research, each team will give a presentation answering the following:
- How will the lack of user access affect the risk assessment you will carry out as part of your assessment?
- Will it affect the choice of Qualitative vs. Quantitative assessment methods you utilise?
- How might you mitigate any issues encountered ?