**TOPIC: MANAGING SECURITY IN THE ORGANISATION – Part 2**  
**Vulnerability Management**

**Learning outcomes:**
- Reflect on the effect vulnerabilities have on specific software usage – if any.
- Describe the advantages and disadvantages of vulnerabilities located in high profile software systems.
- Discuss the alternatives to using highly flawed high profile software systems. Are there any alternatives or are we left with these products?

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| 15 mins    | Vulnerabilities | Reflect on the lecture content. terminology:  
- how does risk management relate to vulnerability analysis?  
- What is a vulnerability – give an example etc  
Student participation: Group work  
Develop a risk analysis diagram on the board from student participation | **REMINDER:** Revise terminology: RISK and RISK MANAGEMENT, vulnerabilities, vulnerability assessment etc |
| 25 mins    | Internet Explorer’s flaws and vulnerabilities | Download the following articles:  
Internet Explorer is just too risk!  
[http://www.businessweek.com/technology/content/jun2004/tc20040629_7734_tc120.htm](http://www.businessweek.com/technology/content/jun2004/tc20040629_7734_tc120.htm)  
What's the New IE Flaw All About?  
[http://www.businessweek.com/technology/content/jun2004/tc20040629_7343_tc119.htm](http://www.businessweek.com/technology/content/jun2004/tc20040629_7343_tc119.htm)  
[http://www.theregister.co.uk/2004/06/28/ie_is_complex/](http://www.theregister.co.uk/2004/06/28/ie_is_complex/)  
Group work:  
1. Discuss in groups the specific problems experienced by the flaws (vulnerabilities) in IE 2  
2. Discuss the suggestions that been made to sort out these problems. Can they be sorted out?  
3. What does Bill Gates say about the problem? | Please read all the articles:  
You will be required to work in groups of three to discuss the three discussion points listed in the activity column.  
Feedback to groups:  
Each group will be required to provide feedback by writing outcomes on the whiteboard  
Please look at all sides of the argument. |
| 15 mins    | In class presentations | • The marking guide and notes for the presentation are up on the website  
• Please ensure you are familiar with how the marks will be allocated and what is expected of you |