**Topic Presentation [10%]**

**Chapter 12 – Knowledge Management and Collaborative Systems**

**Chapter 14 “Future Trends in BI”**

**CLO evaluated:**

2.2 Examine Current Trends in Business Intelligence.

3.1 Demonstrate the ability to articulate the role of business intelligence in business society today

Assignment Description:

**Group work of Maximum 3 students.**

Resources – Lecture Notes and research

Evaluation:

* Subject matter: content of slide - **3 marks [CLO 2.2]**
* Clarity of explanation and points, elaboration – **3 marks [CLO 2.2]**
* Presentation skills - **2 marks** [Individual] **[CLO 3.1]**
  + not reading, tone of voice, slow, fast, clear
  + structured and organized, cluttered, out everything wordy in slide
  + use appropriate diagram or table
* Answering questions - **2 marks** [Individual] **[CLO 3.1]**
  + Shows knowledge and understanding in answering questions

Students are allowed to choose from ANY ONE of the following questions.

**Question 1**

Understand the concept of GDSS and describe how to structure an electronic meeting in a decision room

* What is it – how it is set up – how it is used
* Give at least TWO example of software used in meeting rooms. What is the purpose of this software, how it is used?
* Why few organizations use decision rooms
* As an IS student, what system could you propose to develop to improve Decision Room Meeting software?

**Question 2**

Explain the process of GSS meetings.

* Provide a demonstration of ONE software that could be used during each steps of the process.
* There will be FIVE processes, therefore there should be FIVE associated software that you should explain.
* You can discussed based on a screen capture of the software, or use an appropriate you tube demo if you could find one

**Question 3**

Explain the **parallelism and anonymity** concept in GSS and explain how these concept lead to process/task gains and losses

* Elaborate the challenge that could happened during GSS that will hinder process gain.
* Elaborate the reasons to these challenges you mentioned above
* How to resolve these issues?

**Question 4**

Explain how GSS and GDSS improve groupwork. What activities and features do they support?

* Ensure that you first differentiate GSS from GDSS. Are they the same? If not what are the differences?
* Explain AT LEAST SIX activities/features.
* Give example for each features/activities you discussed. This could be obtained from some features provided by the GSS /GDSS software – eg. screen capture , demo

**Question 5**

Explain the concept of Collaborative Intelligence.

* Discuss FOUR ways how GDSS/GSS support collaborative Intelligence. Give example, name and elaborate the tools used for the FOUR points you discussed.
* Briefly explain FIVE challenges faced by this collecti.ve intelligence activities
* Provide TWO real life scenario/example on Collaborative Intelligence space.

**Question 6**

Explain location-based analytics and how it can benefit businesses and operations:

* Describe the topic and explain how it relates to increasing business performance and efficiency.
* How can location-based analytics be integrated with decision making system? Provide examples.
* Explain the concept of real time location intelligence. Provide examples for applications that use this technology.

**Question 7**

Discuss recommendation systems? Provide an example for its use for business analytics.

* Describe the above topic and provide example of real-life applications.
* What are the two main approaches to develop recommendation systems?
  + Describe each approach with suitable example
  + Compare the pros and cons of each approach

**Question 8**

What is Web2.0 and discuss how it relates to data analysis and BI?

* Define Web2.0 and provide details about current examples for its applications
* How Web2.0 differs from traditional web?
* Describe the characteristics of Web 2.0
* Describe the relationship between Web 2.0 and social networking applications.
* Discuss the evolution from Web 2.0 to Web 3.0 to Web 4.0

**Question 9**

Discuss cloud computing and explain how does it facilitate BI processes?

* Explain the concept of cloud computing with consumer applications and business examples.
* What services related to BI can cloud computing offer?
* Explain the differences of the following cloud-based services
  + Data as a Service (DaaS)
  + Information as a Service (IaaS)
  + Analytics as a Service (AaaS)