

## **1<sup>st</sup> Web Tutorial**

### **Chapter 1**

#### **Discussion Question 1**

The study is as important as and critical for workers in every discipline. As to-date, the information systems are being used actively for business processes from communication to order processing customer support, to customer support and in business functions ranging from marketing to human resources to finance and accounting.

Regardless of any occupation, we need to understand what information system able and unable to used in order to help us to accomplish out tasks. We may be asked to suggest new uses for information system and participate in the design of solutions to business problems employing information systems. Or we may be challenged to identify and evaluate information system options. And for our solutions or suggestions to be accepted, one must identify and address the impact on our colleagues, fellow workers, suppliers etc.

In order for myself to be successful, I must be able to view information system from business perspective and the organizational need in accordance with the nature of my tasks. It is hope that by the end of the day, from the study of this course (information system) I would be able to at least understand, appreciate, aware of the advantages, functions, benefits of the information system, from the keywords right to the functions of the information system. Or otherwise we would be called as IT illiterate.

This course is therefore does not meant solely for IT personnel but also to other discipline of workers, as it is not for us to know details in deep but to understand on the surface how a systems works from beginning right to the end. And subsequently, I have some knowledge in information systems, how it works and how it related to each other.

#### **Discussion Question 7**

Virtual reality is referred to immersive virtual reality where the user becomes fully immersed in an artificial, three-dimensional world that is completely generated by a computer. The virtual world is presented in full scale and relates properly to the human size. It can be animated, interactive and shared. Through immersion the user can gain a deeper understanding of the virtual world's behavior and functionality.

The potential use of virtual reality in automotive industry, at various stages throughout the design, engineering, manufacturing and testing of cars. For example, the simulators comprise of a combination of real fittings and controls and virtual instruments and scenery. Various experiments are conducted in the driving simulators, including measurements of drivers, behavior –their mental and physiological response – during dynamic traffic conditions. The drivers will be overwhelmed with information and distracted from the task of driving safely. Engineers can improve automotive safety by evaluating the driver's reaction to information displayed in different configurations. In the virtual environment, more design alternatives can be explored and situations can be created that would be unsafe in a real car.

### **Chapter 4**

### **Discussion Q 6**

An application service provider is a company that can provide software, end-user support, and the computer hardware on which to run the software from the user's facilities. They can also take a complex corporate software package and simplify it for the users so it is easier to set up and manage.

### **Discussion Q 6**

Opensourcing is the extending software development beyond a single organization by finding others who share the same problem and involving them in a common development effort. Such an approach spreads development costs across multiple organization and increases the opportunity for people with highly specialized expertise to contribute. It increases the number of developers and users who can identify and eliminates bugs in software. It fosters the growth of a community of people who can support the software.