MISP TMI-3411 Course Assignments – WRY Review

Course: Multimedia Information Strategic Planning (MISP)
Multimedia University, Cyberjaya,

ASSIGNMENT 1

(A1-Q1) Multimedia - The various media types/forms in IT.

(A1-Q2) Hypermedia – “Extreme Media” What do we understand by a hypermedia?

(A1-Q3) Computer Hardware & Peripherals - Any software application for IS/IT must be installed and made operational on some form of physical boxes, technically called hardware and peripherals.

(A1-Q4) Telecommunications & Computer Networks - One important component of the infrastructure for IS/IT for any organization is the design and configuration of its telecommunications and computer network.
   a. Wireline based connections
   b. Wireless based connections

(A1-Q5) Convergent Technologies - What is convergence all about?

ASSIGNMENT 2

(A2-Q1) Strategic Management - The different ideas on strategic management put forth by management gurus

(A2-Q2) Strategic Planning - Vision, Mission, Objectives etc, the guiding principles

(A2-Q3) Strategic perspectives of Information Systems (IS) and Information Technology (IT) - the 3 stage model, IS/IT systems applications portfolio providing value to businesses and organizations, companies competitive advantage over competitors in the marketplace through the strategic adoption of IS/IT, etc.

(A2-Q4) Setting a Direction for Information Resources - Compare and contrast the mission statements for the IS department as viewed from two different perspectives - IS Department itself versus managers from other departments within the same organization.

(A2-Q5) Use the W5HH principle (WRY- Think Principle) to analyze one of the most important documents for Malaysia - Vision 2020 - Strategy for the Nation.
ASSIGNMENT 3

(A3-Q1) **Sessions in strategic planning** - conduct of idea-generation and action planning sessions to generate possible strategic applications of IS/IT for the organization, evaluation of these ideas, methods to use in the idea evaluations, tools and concepts, etc.

(A3-Q2) **Strategic Management** - Concept and Cases, Strategy Review, Evaluation and Control

(A3-Q3) **Strategic Planning Tools** - methods of Critical Success Factors (CSF) and Strengths, Weaknesses, Opportunities and Threats (SWOT)

(A3-Q4) **Business Strategies** - Business Process Re-engineering (BPR) and business strategy, IS/IT outsourcing, the Balanced Scorecard (BSC) and Critical Success Factors (CSF) relationships

(A3-Q5) **Examples of successful IS/IT strategies** - Strategies of IT leaders, how personalities and their organizations achieve success in their IS/IT strategies.

ASSIGNMENT 4

(A4-Q1) **Value Chain Analysis (VCA)** - Analyze the case of information value in a customer-ordering-chain process and the information value chain for the pharmaceutical-production-marketing-industry process.

(A4-Q2) **Balanced Score Card (BSC)** - The perspectives of BSC and Key Performance Indicators (KPI)

(A4-Q3) **Example case studies in IS/IT strategies** - staying one step ahead of competitors, research and development (R & D), and boosting operational efficiency.

(A4-Q4) **Critical Success Factors (CSF)** - "Broad" questions to solicit and identify critical success factors for the organization.

ASSIGNMENT 5

(A5-Q1) **Internet Governance (IG)** - the need for it, the political issues, the technical issues, potential of ICT in internet governance, and its working definition.

(A5-Q2) **IT Outsourcing** - IS/IT outsourcing, Off-shoring, Back-sourcing, the advantages and disadvantages (risks), and the Application Service Provider (ASP).

(A5-Q3) **A Case of Outsourcing Success** - extractable activities, contained technologies, transaction relationships, management is best when it manages least in outsourcing, Clean House before outsourcing.

(A5-Q4) **A Case of Outsourcing Failure** - reasons for outsourcing, employee morale and other employee issues affected by the outsourcing deal, ending the outsourcing agreement, and the Price of Stagnation.

(A5-Q5) **Multinational firms** - unique issues concerning IS/IT management that arise in multinational firms or firms doing business in many countries.

ASSIGNMENT 6

(A6-Q1) **Cyber Attacks and Digital Terrorism** - IS/IT strategies to provide adequate security from cyber attacks and digital terrorism.

(A6-Q2) **Securing applications from hackers** - Web sites attack - A mini case study about web application attacks by a security analyst in Malaysia working at NISER (National ICT Security and Emergency Response) Center, and Intrusion Detection Systems (IDS) that every computer security personnel must know.

(A6-Q3) **Computer Security** - responsibilities of the individual user inside an organization with IS/IT assets.

(A6-Q4) **Software Licensing and Use** - proprietary and open source software applications, profit-making and non-profit making organizations, a copyright and a patent on a computer program, copyleft, the open source GPL (GNU General Public License), open source software and free software, and internet file sharing.