

Midterm Assignment

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1. Chapter 1 - How are information systems transforming business and what is their relationship to globalization?

Information system is essential to a business grow. The information system is transforming the business, today it is hard to see a business that do not use electronic devices to storage the informations about the company. The transformations that the information system is making is the need to use the information system to make a good management of the informations in the company. The information system combines technology and management to create business solutions to make the business increase profit. The information system also make a better communication between subsidiaries or other companies, creating a solid system whose purpose is to help the grow of the business. A good management of the information system can serve to solve the business challenges making a good analysis of the information provide by all the sector of the business, it can serve also to making sectors that do not communicate with each other can do it in favor of the business grow. New technologies are showing every day, the business need to integrate this with the way of how the company work through the information system. A successful business are the one who learn how to use new technologies. A huge amount of money is spend in information system in the business to fits the needs of communication, security, storage, analysis and management of the information. The business can use the information system to get connected with the outside world with a web page for example, a web page is globally seen and can show the business work for people that could never see the company. The information system can help the business to reduced the economic and cultural advantages of developed countries through the internet and global communications. It is hard to see a successful business how act only in one country, the objective of the companies is to grow and start to make business all over the world, with the information system the business can be connected.

2. Chapter 2 - What is the role of the information systems function in a business?

The information systems department is the formal organizational unit responsible for information technology services. The information systems department is responsible for maintaining the hardware, software, data storage, and networks. The information systems department is headed by a chief information officer (CIO) who manager who oversees the use of information technology in the firm. The chief security officer (CSO) is in charge of information systems security for the firm and is responsible for enforcing the firm's information security policy. The chief privacy officer (CPO) is responsible for ensuring that the company complies with existing data privacy laws. The chief knowledge officer (CKO) is responsible for the firm's knowledge management program. End users are representatives of departments outside of the information systems group for whom applications are developed. These users are playing an increasingly large role in the design and

development of information systems. The information systems also have specialists, such as programmers, systems analysts, project leaders, and information systems managers. Programmers are highly trained technical specialists who write the software instructions for computers. Systems analysts translate business problems and requirements into information requirements and systems. Information systems managers are leaders of teams of programmers and analysts, project managers, physical facility managers, telecommunications managers, or database specialists. A very small company will not have a formal information systems group. It might have one employee who is responsible for keeping its networks and applications running, or it might use consultants for these services. Larger companies will have a separate information systems department, which may be organized along several different lines, depending on the nature and interests of the firm.

3. Chapter 3 - Which features of organizations do managers need to know about to build and use information systems successfully? What is the impact of information systems on organizations?

Information systems and organizations influence one another. Information systems are built by managers to serve the interests of the business firm. At the same time, the organization must be aware of and open to the influences of information systems to benefit from new technologies. All modern organizations are hierarchical, specialized, and impartial, using explicit routines to maximize efficiency. All organizations have their own cultures and politics arising from differences in interest groups, and they are affected by their surrounding environment. Organizations differ in goals, groups served, social roles, leadership styles, incentives, types of tasks performed, and type of structure. Information systems and the organizations in which they are used interact with and influence each other. The introduction of a new information system will affect organizational structure, goals, work design, values, competition between interest groups, decision making, and day-to-day behavior. At the same time, information systems must be designed to serve the needs of important organizational groups and will be shaped by the organization's structure, business processes, goals, culture, politics, and management. Information technology can reduce costs, and such changes have been accentuated in organizations using the Internet. A way that organizations can differ is by the tasks they perform and the technology they use. Some organizations perform primarily routine tasks that can be reduced to formal rules that require little judgment, whereas others work primarily with nonroutine tasks.

4. Chapter 4 - How have information systems affected everyday life?

The information system is everywhere, when we use smart phones, computers, televisions, wash machine, account bank, e-mail, and so on, we are in touch with information system. All kind of businesses are incredibly dependent on information systems and are highly vulnerable if these systems fail. We become dependents of the technologie, if one computer stop working all company are affected. We do not live anymore without a cellphone, we use it to talk to family, work, play and surf in the internet. The information system is everywhere. Sometimes, in our life we forgot to live to use all that we can related to information systems, we are concerned to use the social medias, play a game or answer an email that we lose all the day, that we can enjoy the day with real people and do real stuffs. How everything is connected to internet the dangerous came out. Always

will be people that try to make bad things, and as all our informations are in the internet, we become more fragile to new threats. A bad bad person can look to your social media and know all the places that you like to go, all your schedule, only looking in the internet. There are sites that join this informations and sell to how wants to pay.