BUS/ITS 341: Management Information Systems (OA)

Miguel Andrade

Professor Paul Nevill

02/03/2022

Lesson 2 -MIS and Business Processes

1-Describe five components of an information system using an example.

The components of an information system are computer hardware, software, data, procedures and people. I will use an example of an online purchase of some soccer cleats to explain. I buy my soccer cleats online on the website with my computer which in this case is the hardware. The software will be the platform of the website. The data will be the information that we have to provide to the system to make the purchase and there is the junction of the technological side with the human side. Then, the procedures are our use of the program, that is, buying the soccer cleats online until they get to my house. Finally, the people are us who make the purchase.

2-Explain the difference and the relationship between Information Technology (IT) and Information Systems (IS).

The field of Information Technology includes numerous computing domains and is centered on effective system communication. In contrast, the Information System field is bigger and is concentrated on creating the software needed to support the communication that IT needs. To summarize, the primary distinction between IS and IT is that IS concentrates on the system, whereas IT concentrates on the ways in which system technology might be advantageous for information sharing. Some examples of IT are Database Management, Software Development, and Artificial Intelligence.

Some examples of IS are Accounting Information Systems, Inventory Management Systems, and Sales and Distribution Systems.

3-What is the business process? Define activities.

Business activities are grouped as business processes. A business process is a group of actions that are planned out and completed with the goal of providing value to the client or the firm itself. In essence, they are the processes a company engages in to turn a concept into a product or service for the customer to then be sold. Some examples of activities are the transformation of the product that exists for the product to be sold in the best possible way.

Basically, when these activities are completed, they are supposed to achieve a goal that was outlined previously.

4-List components of a business process.

A business process consists of Activities, Decisions, Roles, Resources and Repository. Activities are the procedures that transfer existing resources and knowledge to create new ones. Making decisions in business is typified by the management or businessman selecting one option over another, such as who to hire or what new product to launch. The resources are roles ascribed to people, institutions, or computer programs. The roles are a variety of procedures. The process repository is only a central site for managing and storing business records.

5-Explain the difference between data and information.

There are some differences between date and information. Information, as opposed to data, which might be just raw facts and statistics, offers context to the results of analysis. Contrary to information, which is a precise meaning developed via working with more basic materials, data lacks specificity. Data is material that has not been handled, examined, arranged, or disrupted.

Data and information are the two things that knowledge is obtained via; without such two things, it is impossible for someone to become more knowledgeable about any topic.