PORTFOLIO #2

Presentation

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- Data and Information
- Information Systems
- Different Types of Support Systems in Information Systems
- My Analysis/Reaction

DATA AND INFORMATION

DATA AND INFORMATION

From what i have read from my research on the internet from peer reviewed materials, these are the the key points and information that i have analyzed from the following materials:

- Data is the basic pieces of numbers or facts that you collect through observation. But on their own, without any context or explanation, they don't really tell you anything useful.
- Data is a set of symbols representing a perception of raw facts.
- Data also has a keyword “raw” as in raw material obtained from observation.
- Information is defined as data that has been classified, counted, and consequently given meaning, significance, or purpose.
- Information is what we understand when data is organized and given meaning. It’s more than just raw facts, it also includes the context that helps us make sense of those facts.

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INFORMATION SYSTEMS

INFORMATION SYSTEMS

- Information systems involves a wide range of information technologies, including mobile devices, computers, software, databases, and communication systems, in addition to the Internet and other information technologies, to carry out specific activities and communicate with and inform different people in various social or organizational contexts.
- An information system is a work system whose processes and actions are dedicated to processing information, that is, capturing, transferring, storing, retrieving, altering, and displaying information. As well as providing a feedback mechanism to achieve an objective. The feedback system is what allows an organization to achieve its goals.
- An information system is a collection of procedures that, when carried out, provides information to support an organization.
- Information systems are composed of components namely processes, people, structure, and technology

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DIFFERENT TYPES OF SUPPORT SYSTEMS IN INFORMATION SYSTEMS

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Transaction Processing System(TPS)

A Transaction Processing System (TPS) handles data from business activities like sales, purchases, and payments. It records and processes these transactions, such as deposits, withdrawals, refunds, and inventory updates. TPS generates important documents like sales receipts, paychecks, customer statements, purchase orders, and financial reports.

Management Information System (MIS)

A Management Information System (MIS) is a computer-based system that helps a company manage its operations. It gathers information to assist in decision-making, planning, organizing, and controlling different parts of the business, ensuring everything works together smoothly.

Decision Support System (DSS)

A Decision Support System (DSS) is a tool that helps managers make decisions by providing useful information. It's used for planning and analyzing tasks. DSS gives managers interactive data to assist them in making choices. It helps managers solve complex problems and supports their personal decision-making styles.

Executive Information System (EIS)

An Executive Information System (EIS) is a tool designed to give top executives quick and easy access to key information. It pulls data from different sources like letters, reports, and magazines, both digital and manual, to help executives make strategic decisions for the organization.

Office Automation System (OAS)

An Office Automation System (OAS) uses computers and communication tools to manage office tasks like word processing, email, and faxing. These systems combine hardware, software, and people to make office work more efficient. They help managers by improving communication and offering secretarial support. OAS also allow managers to easily communicate with external partners, such as investors and vendors.

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COURSE, C. INFORMATION TECHNOLOGY FOR BUSINESS AND MANAGEMENT.

My Analysis/Reaction

First of all i think that it is nice to learn all about the key concepts first like what is data and what is information as they are the building blocks or the foundation for what we are about to learn so it is great that we really go back to the beginning to just put the foundations in place for learning in this topic. I have learned a lot from researching especially about information systems and the different types of information systems. I've learned that the various types of information systems serve distinct purposes in business operations. A Transaction Processing System (TPS) focuses on handling and recording routine business transactions like sales and payments, ensuring accurate and efficient processing of daily activities. In contrast, a MIS or Management Information System aggregates and processes information from different sources to help in overall business management and decision making. A Decision Support System or a DSS provides interactive tools and data specifically designed to assist managers in making complex decisions by offering tailored analytical support. An Executive Information System or EIS helps top executives by gathering important information from various sources to make it easier for them to make big decisions for their organization. Lastly, an Office Automation System or also known as OAS enhances office efficiency through technology that streamlines administrative tasks such as word processing and communication, supporting both internal operations and external interactions. Each type of support system in IS helps with different kinds of tasks and decisions in a business. They are designed to fit different needs, whether it's handling daily transactions, managing overall operations, helping with complex decisions, providing top executives with important information, or making office work more efficient. So overall, i think i have learned a huge amount of information from this portfolio which will come in handy in the future if i ever have a subject that requires the fundamental and basic understanding of Information Systems and the different types of support systems it has.

Getting To Know Me

Good day Ma'am, my name is Christian Furl G. Tujan, you can call me chan po, and i am a BSIT 1st year student. I graduated Senior Highschool in 2024 at Saint Paul's School of Ormoc in Leyte. I am actually originally from Merida, Leyte but now I've moved to Cebu to pursue my college degree and as of now i am just renting a room near the campus. I pursued BSIT because ever since i was a child i was really wowed with computers and technology in general, i wanted to know more and more about it as i grew up and then at one point of my life i just said to myself "why not make a career out of something that i am truly passionate about, something that i actually enjoy and have fun doing" which was messing around and learning more and more about technology and then right then and there i decided that i wanted to pursue BSIT as a course.