



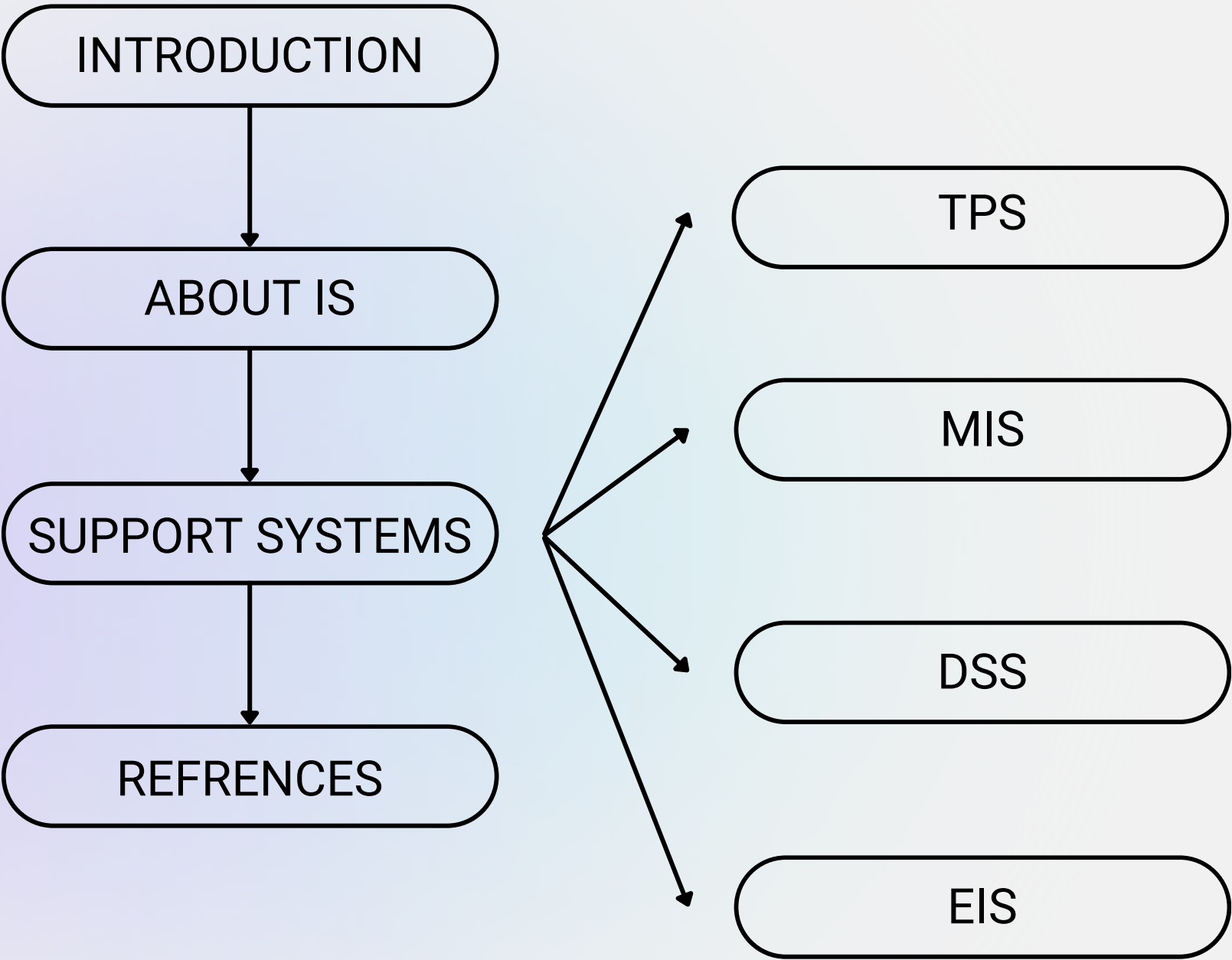
INFORMATION SYSTEMS

ITC PORTFOLIO #2



OVERVIEW

This presentation talks about information systems and their different ideas in a comprehensive collation of information.

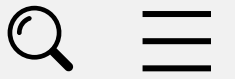




ABOUT I.S.

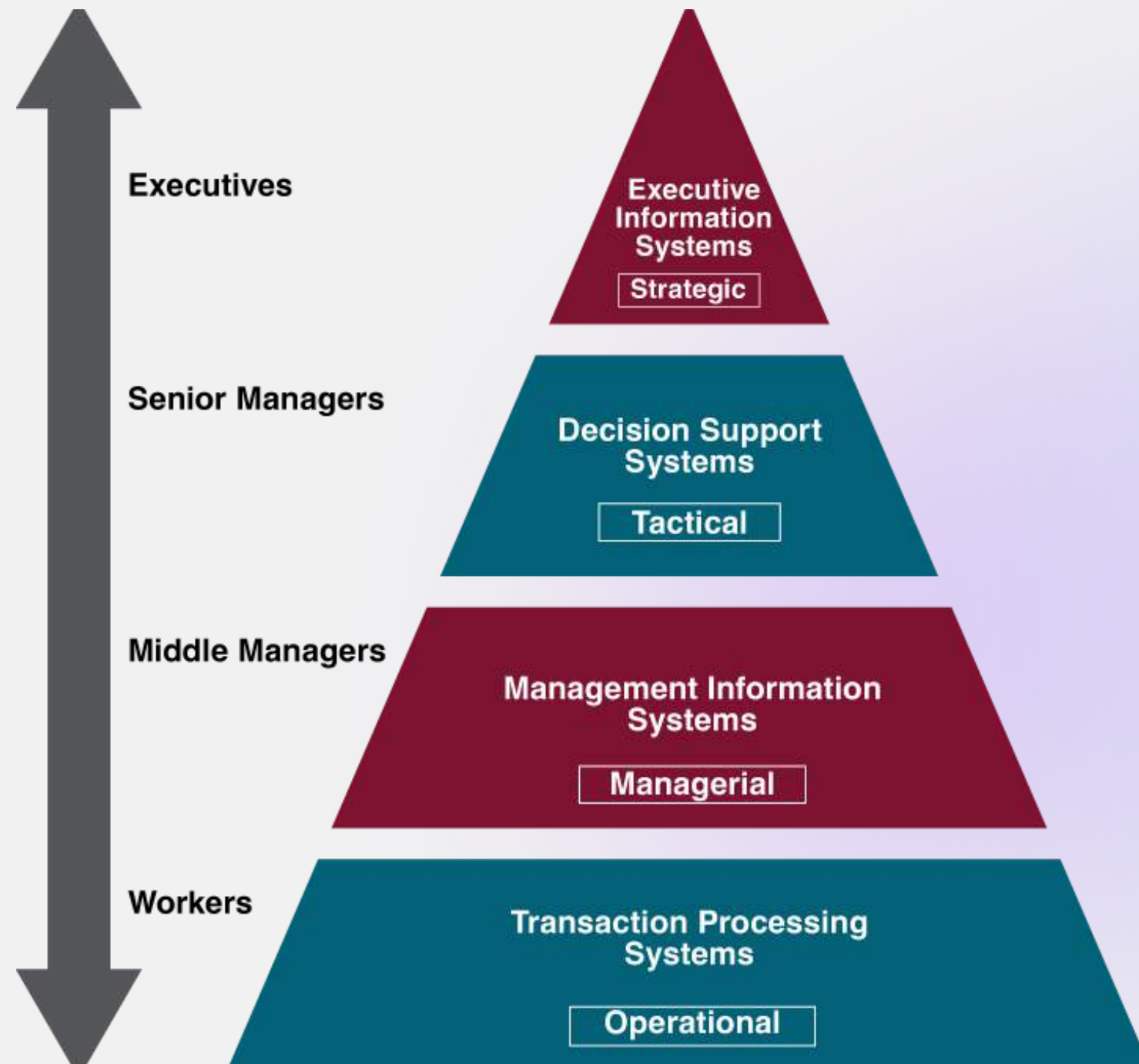
Information systems or IS are sociotechnical, formal, and organizational systems developed to store, process, and share information throughout a given group or business. They integrate into businesses to support decision-making, and operations in general. They are composed of 4 parts, the TASK(purpose), PEOPLE, STRUCTURE(roles), and the TECHNOLOGY(hardware and software including data structures, etc...). Information systems can range from high to low in a hierarchy.



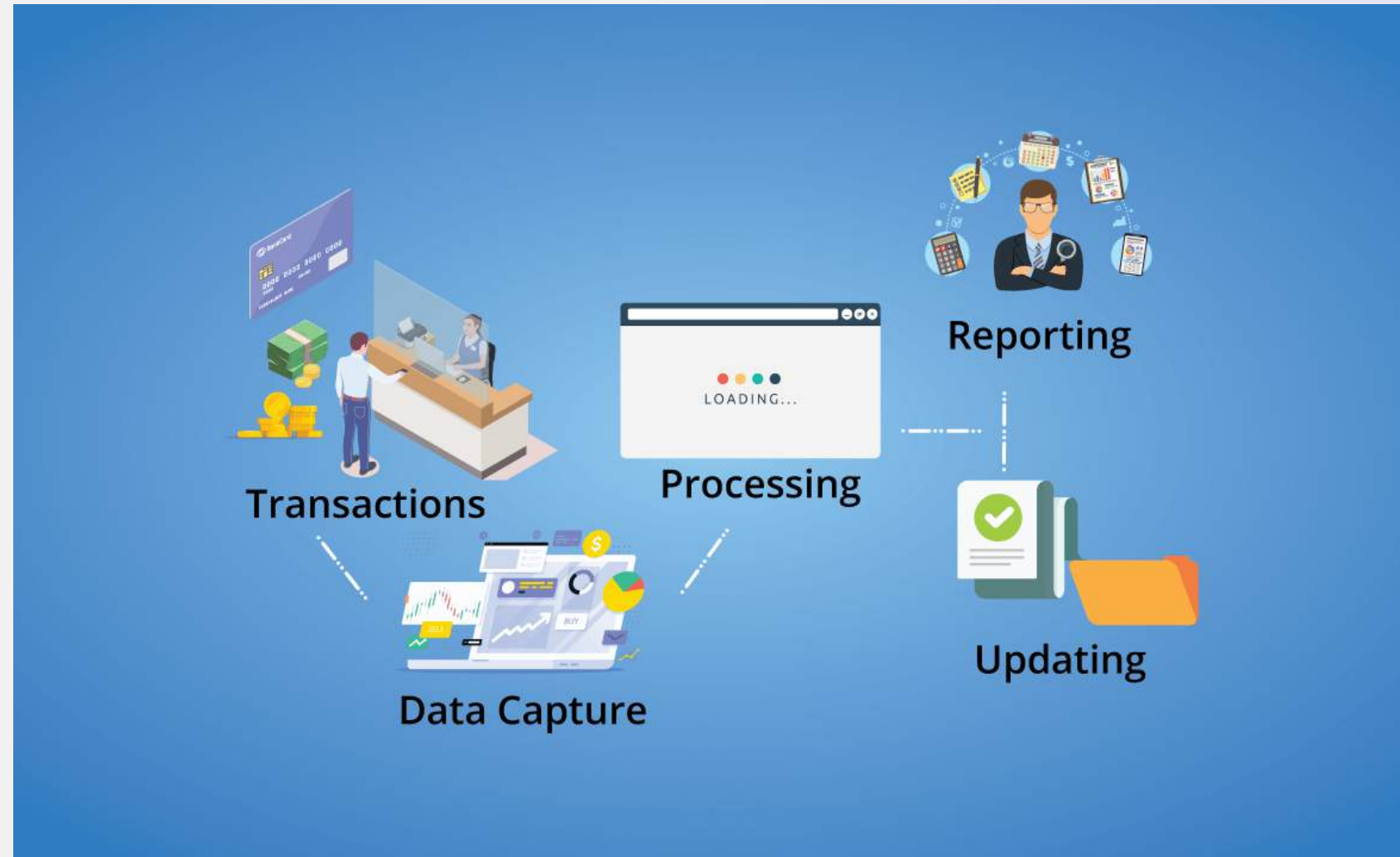


SUPPORT SYSTEMS

Support systems are types of information systems that are dedicated to a specific task within an organization. These can range from decision-making, management of information, management of transactions, and executive information systems.



TRANSACTIONAL



PROCESSING SYSTEM

TRANSACTIONAL PROCESSING SYSTEM

- TPS or transactional processing systems are a type of information system that is mainly used for day-to-day transactions.
- It manages most activities regarding money and assets including payroll, reservations, sales, orders etc...
- Provides data to other systems.
- Used by supervisor and operational personnel

MANAGEMENT



INFORMATION SYSTEM

MANAGEMENT INFORMATION SYSTEMS

- MIS or Management information systems are used to make informed decisions with performance metrics and data from TPS and other systems.
- Important to summarize information gained to support businesses in making efficient plans and good decisions.
- Used by middle managers and department heads.

DECISION

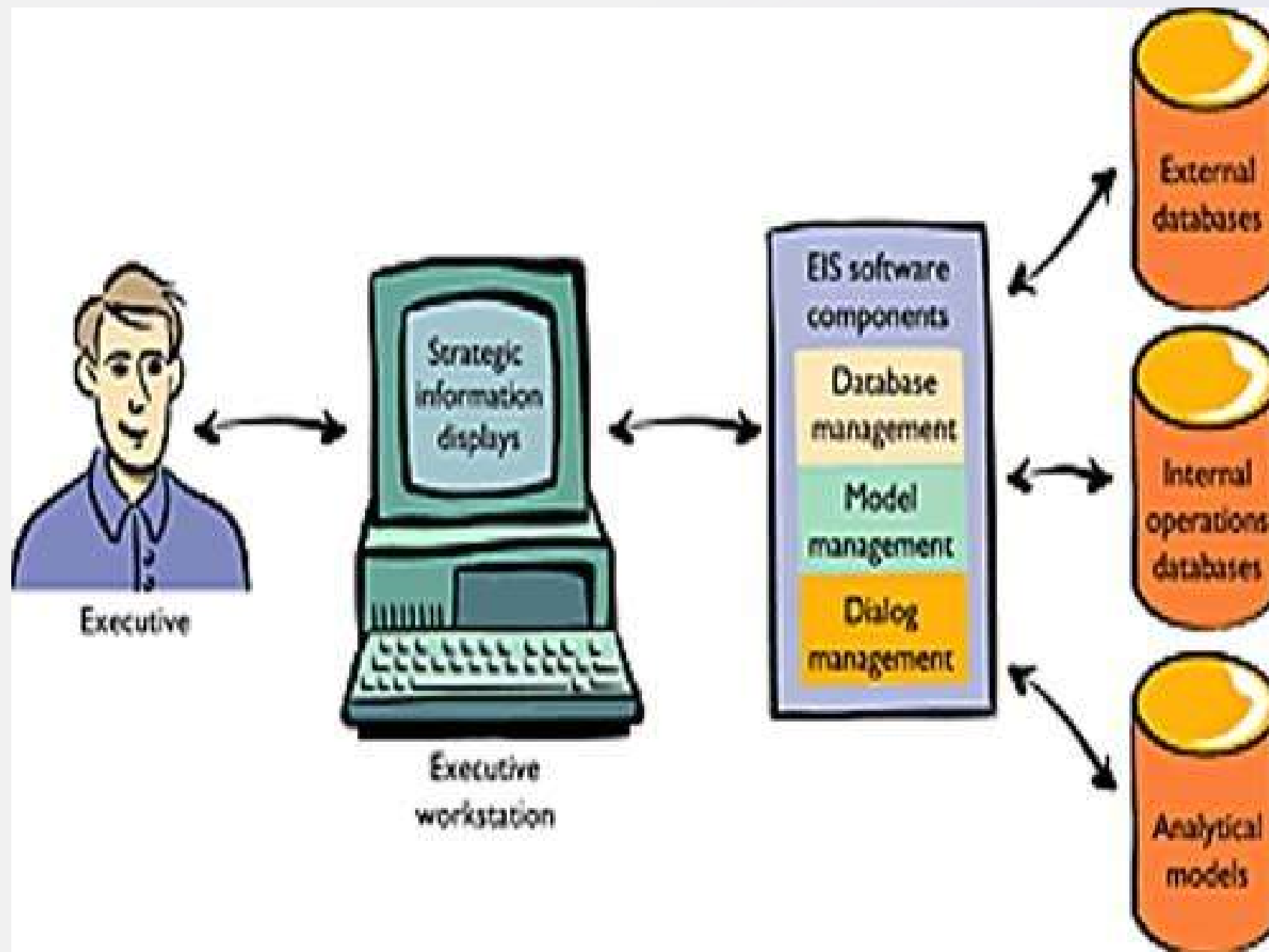


SUPPORT SYSTEM

DECISION SUPPORT SYSTEM

- DSS or Decision support systems are systems used to analyze data and help managers make decisions that are supported by data and evaluate potential outcomes for a more informed choice.
- Has uses in logistics, financials, planning, and more.
- Utilized by analysts and senior management.

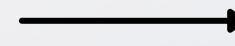
EXECUTIVE



INFORMATION SYSTEM

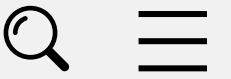
EXECUTIVE INFORMATION SYSTEMS

- EIS or Execute information systems are information systems that analyze high-level data to help make informed decisions based on performance metrics and simulations.
- Utilized by the executives or most senior level managers.
- Often personalized within each organization or client group.



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Thank You !

ITC Portfolio # 2

ITC 1 Portfolio #2 Reaction paper
Written by: Ryan Nicolas M. Romero

Information systems are an integral part of the flow of businesses in our society today. It regulates, improves, and overall supports business owners and employees alike. Through its various use cases, it has revolutionized the world of business technology. Decision-making has been easier through TPS, MIS, and other support systems. With the amount of data you can access using these systems, your decision-making will be more efficient and less time-consuming. In this reaction paper, I analyze and describe the topic of IS, which I have researched thoroughly.

Before coming into this topic, I did not know anything about Information systems at all. I heard about them but nothing came to mind. Throughout this portfolio I have made, I came to learn of its importance in business and technology as a whole. Through these systems, we acquire, process, and disseminate information within a business. This topic has opened my eyes to the infinite applications of technology. These systems are likely used in all if not most companies nowadays. With the innovations and the revolutionization of technology in all aspects of our lives, these systems take shape to improve our Quality of life.

Apps like Gcash, Paymaya, and other banks heavily rely on transactional processing systems and other systems to manage money. Without this system, we would not be able to have easy access to our money like we do now. Hotels, stores, online shops, etc..., all have in one form or another, support systems that streamline the processes within a business. These systems have saved us time, energy, and money, and improved our lives. Most businesses have become reliant on these systems especially large corporations with their innumerable amount of data which they need to analyze and judge using information systems.

In conclusion, these systems are the backbone of businesses worldwide. Without these systems, we would not be able to access these luxuries easily. IS has improved our lives, may we notice it or not. Technology as a whole has been integrated heavily into our lifestyles and cannot be easily replaced, this is just one of many examples of such a situation.