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BSIT3A

Management Information System

07 Activity 1

### 1. How do the concepts/aspects/components from this particular topic improve upon a management information system?

* Tactical Information Systems improve Management Information Systems by focusing on short-term, day-to-day decisions, while MIS is mainly concerned with long-term planning and strategy. TIS makes decision-making faster and more efficient by providing real-time data, which helps managers act quickly and handle problems as they arise. Unlike MIS, which works on broader goals, TIS zooms in on immediate issues, offering detailed insights that help organizations improve their daily operations. This way, TIS adds a layer of speed and responsiveness to the broader, long-term strategies that MIS provides, making the system more adaptable to changing technology needs.

### 2. Can the discussed concepts/aspects/components be implemented across all possible businesses and/or organizations? How?

* Yes, Tactical Information Systems can be used in many different businesses and organizations. Since TIS focuses on solving everyday challenges and supporting short-term decisions, it can be applied to almost any business, no matter the size or industry. For instance, in manufacturing, TIS can help monitor things like production schedules, machine performance, and stock levels. In retail, it can track sales and customer needs in real time, while in service-based industries, it can help improve customer support and employee performance. To use TIS, businesses need to gather real-time data through tools like sensors or software systems and make sure employees can access the information they need to make decisions quickly and effectively.

### 3. Can these concepts/aspects/components be combined with other types of management information systems previously discussed? How?

* Yes, Tactical Information Systems can work together with other types of management information systems, like MIS, Decision Support Systems (DSS), and Executive Information Systems, to provide a complete system for running a business. TIS can complement MIS by offering real-time data that helps with day-to-day decisions, while MIS focuses on longer-term planning. TIS can also work with DSS, where real-time information from TIS can help DSS run simulations and make predictions that improve business decisions. Additionally, when combined with EIS, TIS can give managers both detailed operational data and high-level strategic insights, so they can make informed decisions based on both immediate needs and long-term goals. Combining these systems creates a stronger, more flexible decision-making process for organizations.

### 4. Are there possible risks and/or limitations to consider before implementing these concepts/aspects/components? What are they?

* Before implementing Tactical Information Systems, there are several risks and limitations to think about. One of the biggest challenges is the cost of setting up TIS, which can be expensive due to the need for special software, real-time data tools, and training for staff. This can be a barrier, especially for smaller businesses. Another concern is that TIS can produce a lot of data, which might be overwhelming if not managed properly. Without good systems to filter and focus on the most important information, managers could find it difficult to make decisions. Additionally, integrating TIS with existing systems like MIS might require a lot of time and resources, as they may not work well together without adjustments. There’s also the issue of security, since the continuous flow of real-time data could expose sensitive business information if not protected properly. Finally, over-relying on TIS could create problems if the system fails or experiences downtime, as businesses would struggle to make decisions without the data they need. All of these risks need to be carefully addressed to make sure TIS is successful in the long run.