

System analysis and design

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Computers can only make transactions more convenient to users and help users to make their work lighter and easier. If computer will replace human to human contact there is a possibility of miscommunication that will result to errors and misunderstanding. For a customer's point of view, it is not better to use or replace people by computers because we are not sure if the answer we want to get is in the database of the system that replaces the human transaction.

Computers can store data and query files but it cannot input data automatically, computers need user to input data into it. Situation: You are IT manager at Low-voltage components, a medium sized firm that makes and sells specialized electrical cables to companies that manufacture electronic test equipment. Low-voltage's largest customer, TX Industries recently installed a computerized purchasing system and wants Low-voltage to connect to the new system to receive purchase orders and production schedule forecasts.

Low-voltage currently has the following information systems: finance, accounts receivable, accounts payable. 1. Should Low-voltage develop an order entry system to connect with TX Industries purchasing system? Why or why not? Yes, to make their transactions more convenient to both companies and another it is easier for Low-voltage to adapt to TX's new purchasing system because they have existing systems regarding payments that can record payable. 2. What factors will affect the complexity of Low-voltage's new order entry system?

The factors that will affect the complexity of Low-voltage are: the adaptation of users to the new system, receiving cash payments, the specifications of the new system that can make their transactions better and the adaptation of their other customers to their new ordering system. 3. Is Low-voltage's proposed new system an operational system? Why or why not? Yes, because they only adapt the new system of their customer which means it is ready to use and users will learn how to use the system In a short period of time.

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