1. Review the following data flow diagram and description of Hamp Crafts’ **current** purchase and supply process for their brick-and-mortar store.
2. **Describe Hamp Crafts’ current purchase and supply process** by responding to the following prompts:
3. Interpret the provided data flow diagram. What does it show? What does the current purchase and supply process entail? -The diagram shows that the current purchase and supply process is a simple one. They take the customers order, check out, fulfill the order with a supplier send it to the carrier that ships it to the customer.
4. What are the data sources involved in the current process? The data sources in this process are the order itself, customer information, fulfillment ordering and then a shipping plan.
5. Then you will need to **determine the additional requirements needed to support an online storefront** by responding to the following prompts:
6. What additional processes are necessary to integrate an online storefront? Additional processes include a storefront web app that shows the merchandise, price and has a shopping cart to add it to and a way to check out online giving the customers information and shipping information.
7. What additional data sources would the system need to access the products and inventory? Additional data sources include shipping information, more information to the suppliers and customer contact information and inventory.
8. What additional databases, if any, are needed to support the online storefront? New databases include customer contact data, shipping plan data, and new inventory data from suppliers.
9. Finally, **determine how to integrate the new online storefront** into Hamp Crafts’ current purchase and supply process by responding to the following prompt:
10. Would you recommend creating a separate new system for the online storefront or incorporating elements of the online storefront into the current process model? Explain your reasoning. I would recommend incorporating elements into the current process model because they already have a solid system and just need to integrate their online presence into it.