**Module 3 Assignment (Hamp Craft’s system Analyst position)**

*Q: Interpret the provided data flow diagram. What does it show? What does the current purchase and supply process entail?*

The diagram reflects on the process of how online order will look like from customer and provider point of view. The current purchase and supply process shows the transaction of how the system will work after a customer order something.

*Q: What are the data sources involved in the current process?*

The data source include Receiving customer order, checking out, fulfilling and choosing supplier.

*For the new online storefront, Hamp Crafts’ owners want to ensure that customers can easily view products, pay for them, and receive confirmation of their orders. The owners want to be sure that any payments will be transferred to Hamp Crafts’ business account. You have also suggested adding an administrative backend to provide customer support, update customer information, and maintain the website.  
  
In order to add this functionality, you will need to consider Hamp Crafts’ current purchase and supply process. Then you will need to determine the additional requirements needed to support an online storefront by responding to the following prompts:*

*Q: What additional processes are necessary to integrate an online storefront?*

Under ‘Receive customer order’, there should be a process called ‘Payment info’, which is the payment received from customer and send it to business account.

*Q: What additional data sources would the system need to access the products and inventory?*

The system has to build stock of every item in inventory, when the item is used the system will be able to take off this item. Additionally, when an item is restocked, the system will be able to add all the additional items into the inventory.

*Q: What additional databases, if any, are needed to support the online storefront?*

We can use same database but must add additional feature like ‘item inventory’ and ‘payment detail’.

*Q: 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 incorporate elements into current process, and it will allow Hamp’s craft employees to see what should be added to where. According to my point of view, I will be able to see and determine the needs of the program within the same process flow.