

Explanation with the
system that presents
the relationship



Explanation of DFD diagram § New users can registration as registered customers. § After login user add items in cart. § When admin log in and receive order of the customer admin check the payment status, shipping address and product type and quantity. § If user confirm his/her order admin send the order to the shipping team.

§ Shipping team deliver the products to customer. 2. 2. 2 Use-case

Diagram A use case diagram is a symbol of a user's communication with the system that presents the relationship among the users and the different use cases in which the users involved. Use case diagram can recognize different types of users and different use cases of the system.

Explanation of Use-case diagram § A consumer uses browser to connect to the home page of merchant's website through internet. § New consumer can register as authentic customer. § User login as registered customer after registration. § Consumer browses the catalog of products featured on the site and select products to purchase. § If the item is in stock The selected items are placed in shopping cart.

§ When the customer ready to complete the purchase of selected items customer provides a bill-to and ship-to address for purchase and delivery. § After receiving customer information merchant's calculate total cost of order including tax and shipping charges and display total to the customer. § After receiving total cost, customer can now select payment method (Cash on delivery or credit card) and provide payment information such as credit card number and submit the order. § When the credit card number is validated

and order is completed at the commerce server site, the customer shows receipts of confirmed purchasing.

§ The admin of commerce server site then forward the order for payment processing and arrange to deliver the products to the customer. § The goods are delivered to the customer.