

SIT773*An example of a detailed use case description*

Use case name	Create new order	
Scenario	Web order scenario	
Triggering event	Customer visits shopping web site and logs on or click the link for new account	
Brief description	Customer logs on to the shopping web page. Customer selects the purchase menu to go the new order form. Customer selects the product from catalogue, specifies quantity and details (brand,size). System and customer add items to the shopping cart. Customer selects the payment method. System verifies the payment and finalize the order.	
Primary actor	Customer	
Related use cases	Includes: Create customer account, look up item availability	
Stakeholders	<i>Inventory department:</i> To provide stock availability <i>Marketing department:</i> To provide promotion information, to collect customer purchase activities	
Precondition	Customer must be online with web access, catalogue and inventory item must exist for requested item	
Post condition	<ul style="list-style-type: none"> Customer order must be created/placed Inventory items must have the quantity updated as the order transaction is created. Order must be associated with a customer. Rollback any uncompleted transaction 	
Flow of activities	Actor <ol style="list-style-type: none"> Customer visits the shopping web site and clicks the log on link in the page. If the customer is new to the shopping web site, customer clicks the register link, provide appropriate information to create customer account <ol style="list-style-type: none"> Customer logs on to the page Customer searches the catalogue to see a particular product's detail When customer finds the preferred product item, customer provide the quantity and customer clicks the add button to add the item to the shopping cart of the order page Customer continues shopping by repeating the activities from step 3 to step 4 Customer clicks end of order, Customer makes any change to shopping cart When customer wants to finish, customer checkout Customers selects payment method, provides payment information and shipping address Customer clicks confirm order 	System <ol style="list-style-type: none"> Create an account record for a new customer <ol style="list-style-type: none"> Validate customer account Displays the catalogue page Displays product detail of search criteria and check availability in stock <ol style="list-style-type: none"> Add item to the shopping cart Displays summary of ordered items Displays total cost and payment screen Processes payment, displays order confirmation information and sends an e-mail to customer
Exception conditions	<ol style="list-style-type: none"> If existing customer cannot remember the password, then <ol style="list-style-type: none"> System generates a password and sends the password by e-mail to customer to log on again using the password, or Customer can create another account (1) If a product item is not in stock, then customer can <ol style="list-style-type: none"> Select not to add that item in shopping cart request item is added as a back order item (2) If Customer did not enter the quantity, then <ol style="list-style-type: none"> Customer is notified that an invalid quantity was entered. Customer enters quantity and clicks the add button again. 1. If Customer's credit card information is invalid and payment cannot be processed, then <ol style="list-style-type: none"> Customer re-enters credit card information and clicks the confirm button again, or Customer can cancel the order, or The order can be saved and customer can process the order later 	