

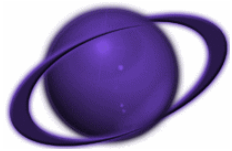
Use Case Framework: Goal Driven

Presented by William F. Nazzaro
Nazzaro & Associates

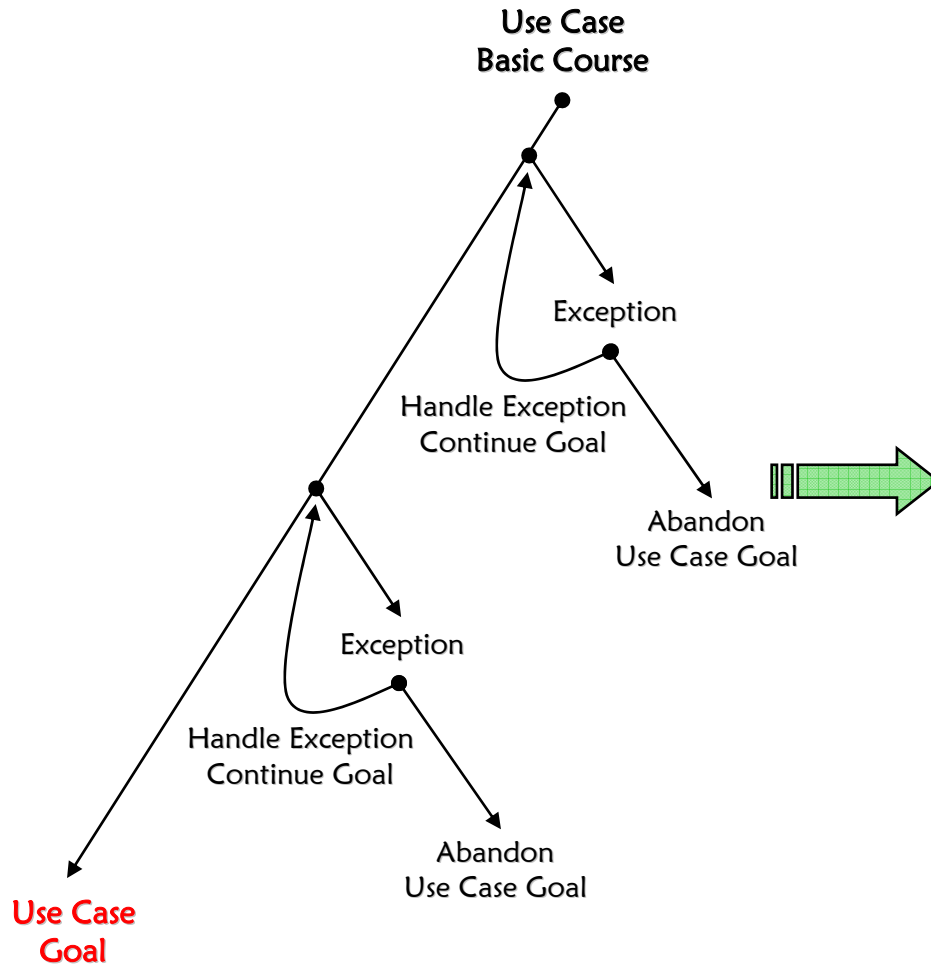
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Use Cases: Goal Driven Framework - 1



**Use Case Model:
Use Case Description**

Use Case 002: Place Order

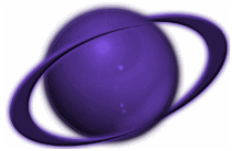
Project: Mail Order Mgmt
Use Case Name: Place Order
Use Case Number: 002
Use Case Author: William F. Nazzaro

External Agent(s): Clerk

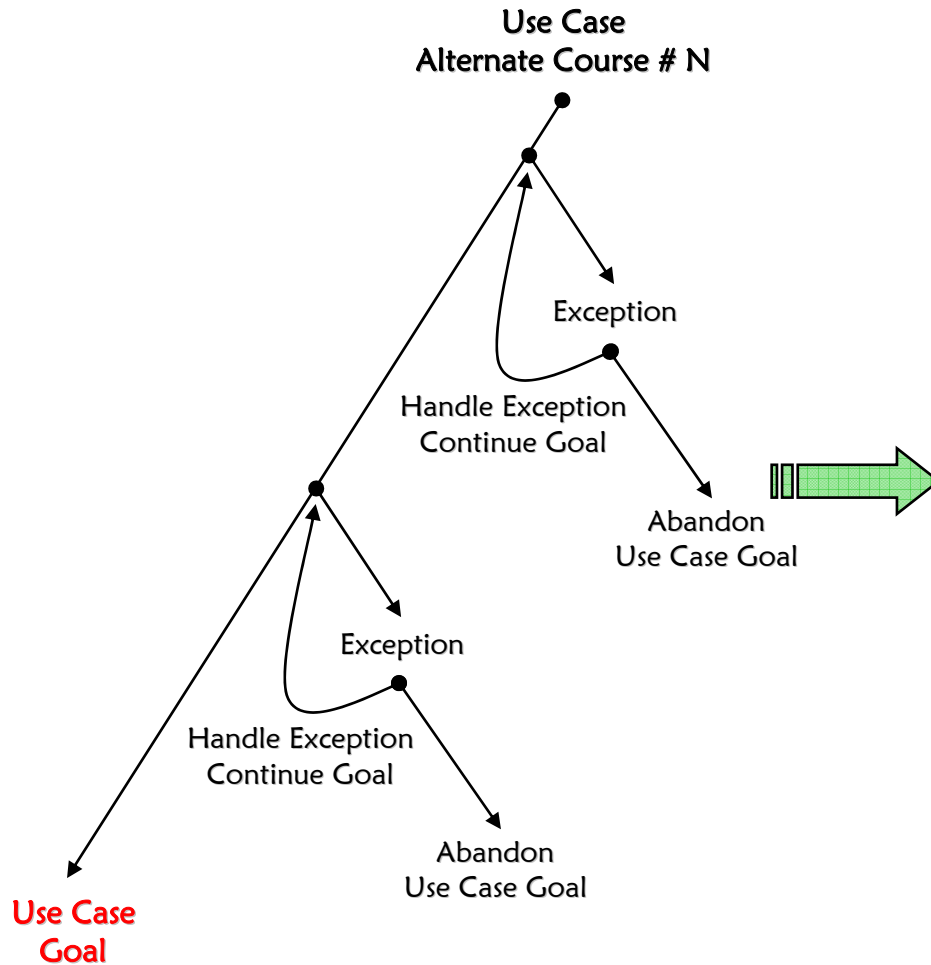
Abstract:
This use case documents the process an external agent must go through to enter a customer's order into the system.

Pre Condition(s):
External agent is logged onto the system and has permission to perform this function.

Use Case:
Initialization:
This use case starts when the external agent indicates that they want to place a customer's order into the system.
Process:
An order entry screen is displayed to the external agent. The external agent needs to determine if the customer already exists. A search is executed on a "Customer Inquiry" screen.
If the customer exists then the customer's information will be provided to the "Order Entry" screen. If multiple customers exist for the information provided the external agent will have to select the customer from the list provided by the system.
The external agent then enters the items that the customer wants to purchase. The system executes the request.
When no other items are being ordered the external agent enters the method of payment for the order and the system generates an order confirmation number.
Termination:
This use case terminates when the external agent indicates that no other items are being ordered or no other orders are being entered for this customer.
Exception(s):
Item is out of stock: This occurs if there has been a temporary stock outage.
Post Condition(s):
The system has generated an order for the customer and a "Fill Order" notification was sent to the warehouse.



Use Cases: Goal Driven Framework - 2



**Use Case Model:
Use Case Description**

Use Case 002: Place Order

Project: Mail Order Mgmt
Use Case Name: Place Order
Use Case Number: 002
Use Case Author: William F. Nazzaro

External Agent(s): Clerk

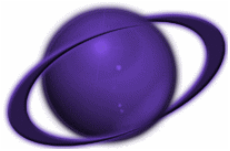
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Post Condition(s):
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Use Cases: Framework for Testing

- Test cases are developed from use cases
- A test case would be written for the following situation(s)
 - *Basic course*
 - » *Goal achieved*
 - » *Exception # n occurs*
 - Exception handled, continue use case
 - Goal abandoned, use case ends
 - *Alternate course # n*
 - » *Goal achieved*
 - » *Exception # n occurs*
 - Exception handled, continue use case
 - Goal abandoned, use case ends