**Initial Requirements of the Case Study**

Suppose I am writing an e-tail system that supports sales in the United States. The general architecture has a controller object that handles sales requests. It identifies when a sales order is being requested and hands the request off to a SalesOrder object to process the order.

The functions of SalesOrder include *system*

• Allow for filling out the order with a GUI.

•Handle tax calculations.( default US Customers)

•Process the order. Print a sales receipt

Some of these functions are likely to be implemented with the help of other objects. For example, SalesOrder would not necessarily print itself; rather, it serves as a holder for information about sales

orders. A particular SalesOrder object could call a SalesTicket object that prints the SalesOrder

**New Requirements**

1. Handle taxes on orders from customers outside the United States (Canada, Australia etc)
2. Add header and footer information to the printed sales ticket.
3. Whenever a new customer is entered into the system:

Send a welcome e-mail to the customer.

Verify the customer's address with the post office