Object Oriented Analysis & Design
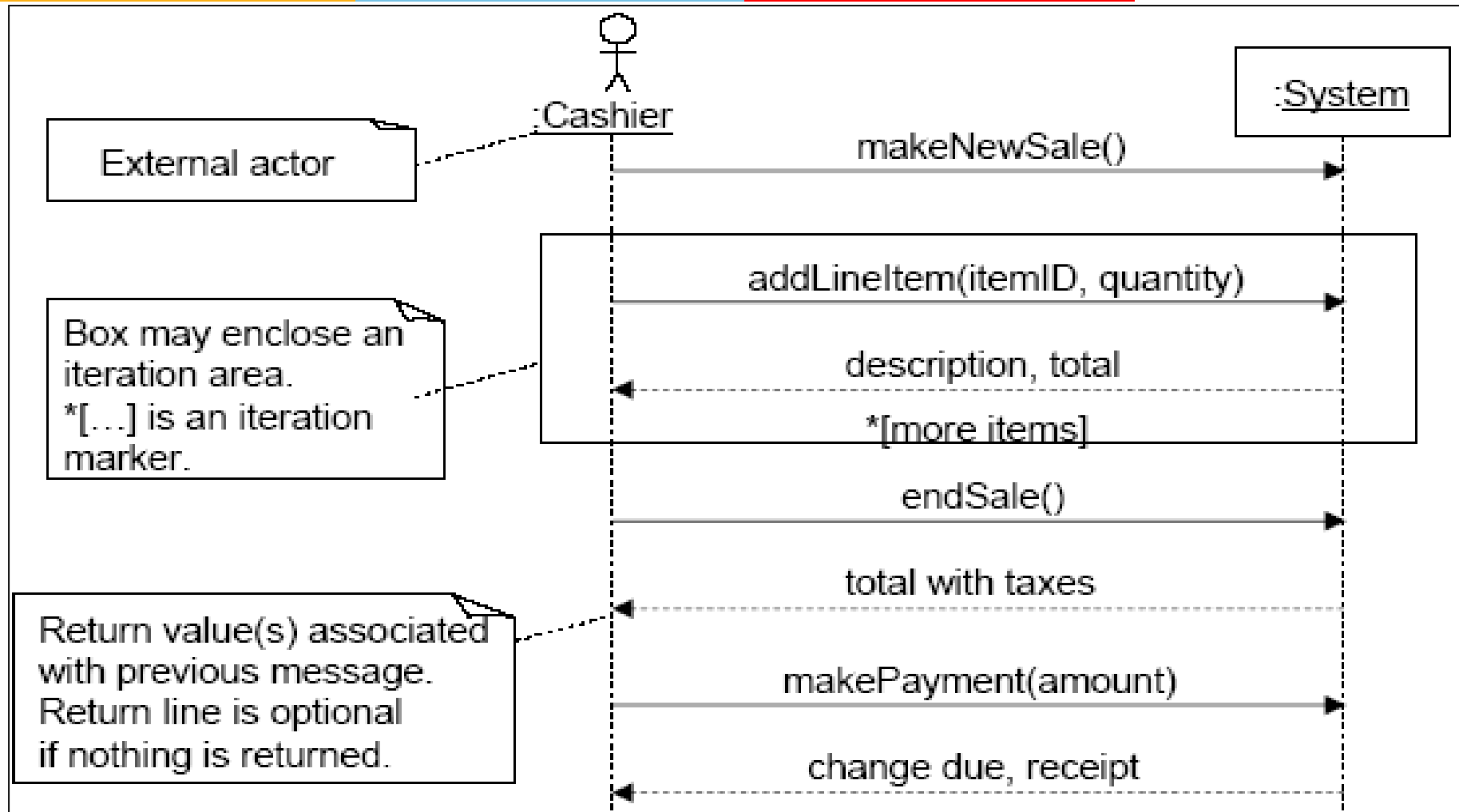## Module-3 (RL 3.2.2)

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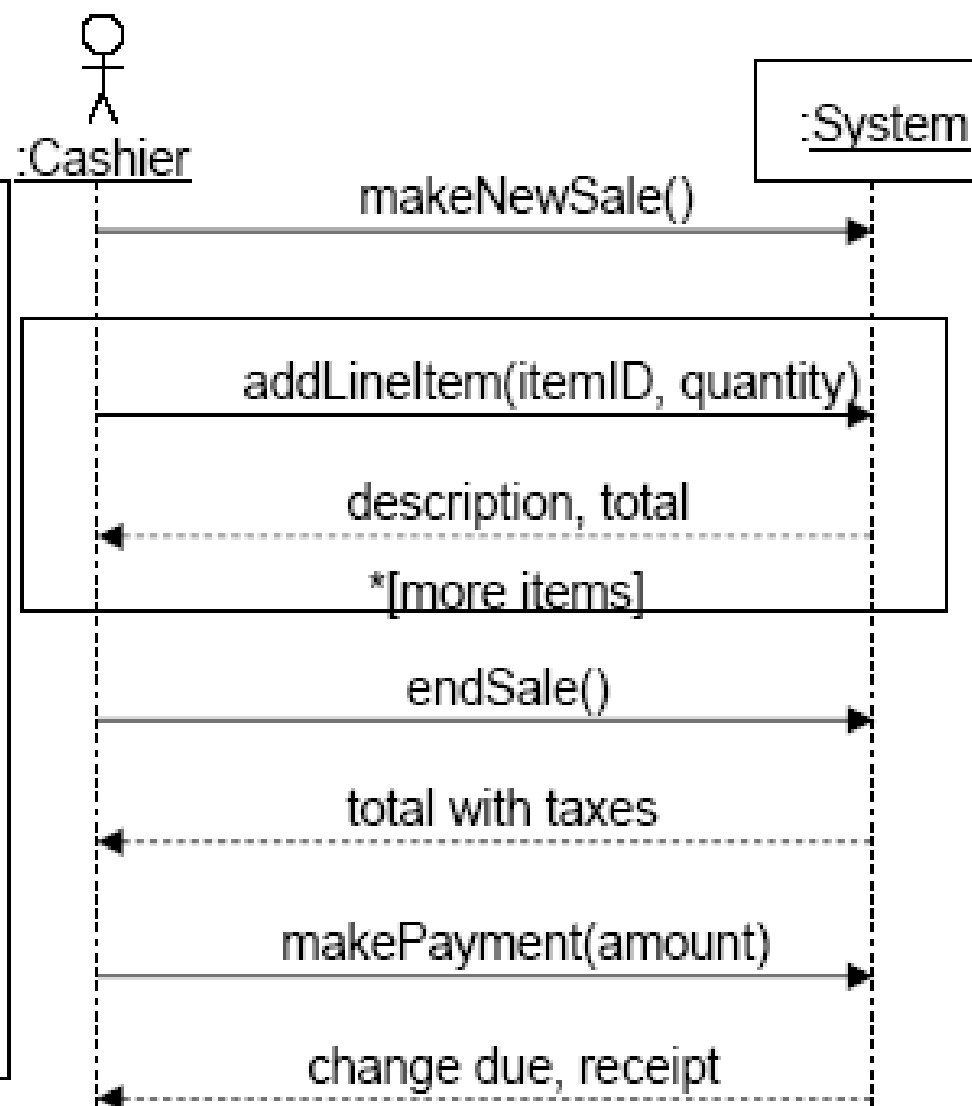# Drawing SSD for PoS

SSDs for Process Sale Scenario

SSD and Use Cases

Simple cash-only Process Sale Scenario

1. Customer arrives at a POS checkout with goods to purchase.
2. Cashier starts a new sale.
3. Cashier enters item identifier.
4. System records sale line item, and presents item description, price and running total.
   cashier repeats steps 3-4 until indicates done.
5. System presents total with taxes calculated.

…

:Cashier

:System

makeNewSale()

addLineItem(itemID, quantity)

description, total

*[more items]

endSale()

total with taxes

makePayment(amount)

change due, receipt

Naming System Events and Operations

- The set of all required system operations is determined by identifying the system events.
  - makeNewSale()
  - addLineItem(itemID, quantity)
  - endSale()
  - makePayment(amount)