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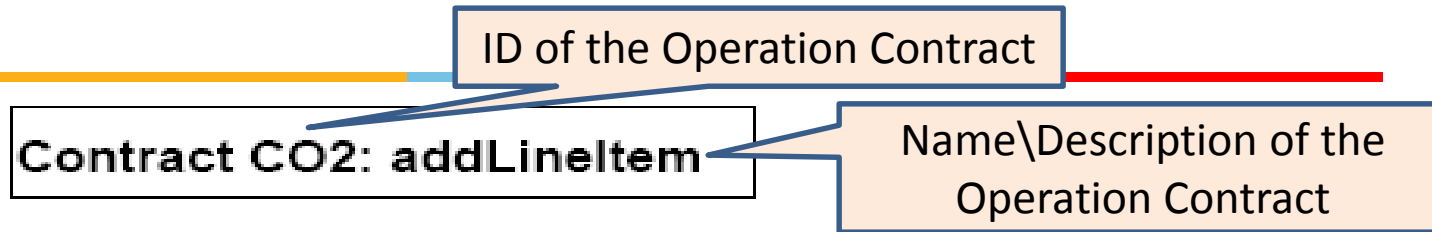
Object Oriented Analysis & Design Module-3 (RL 3.3.2)

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Represent Operation Contract in UML

Operation Contract in UML



Operation: addLineItem (itemID: integer, quantity: integer)

Cross References: Use Cases: Process Sale.

Operation Signature

Pre-conditions: There is a sale underway.

Use Case Reference

Post-conditions:

Prerequisite

- A SalesLineItem instance *sli* was created. (instance creation)
- *sli* was associated with the Sale. (association formed)
- *sli.quantity* was set to quantity. (attribute modification)
- *sli* was associated with a ProductSpecification, based on itemID match (association formed)

Post Condition in Past Tense