

Main Success Scenario:

3. Cashier enters item identifier

... ...

Extensions:

3a. Invalid identifier

- 1. System signals errors and rejects entry.
- 2. Cashier responds to the error:
 - 2a. There is a human-readable item ID(e.g., a numeric UPC)
 - 1. Cashier manually enters the item ID.
 - 2. System displays description and price.

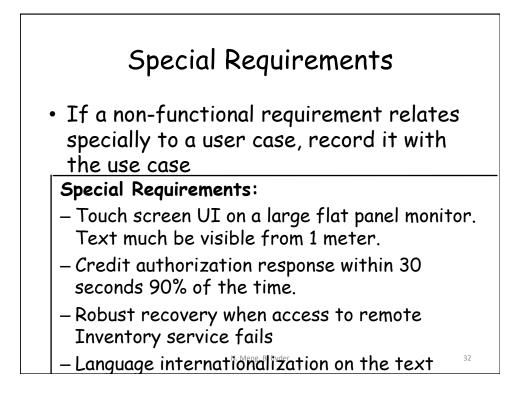
2a. Invalid item ID: System signals error. Cashier tries alternative method.

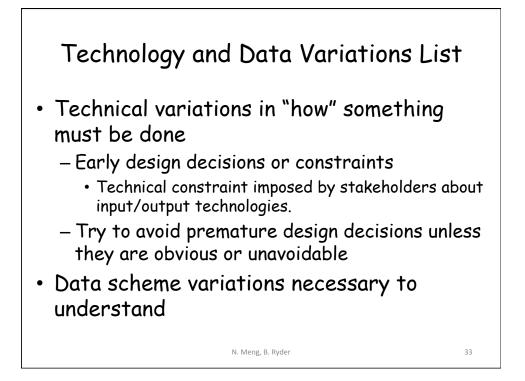
2b. There is no item ID, but there is a price on the tag:

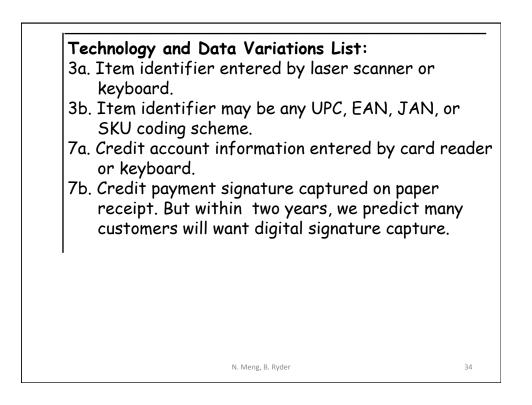
1. Cashier asks Manager to perform an override

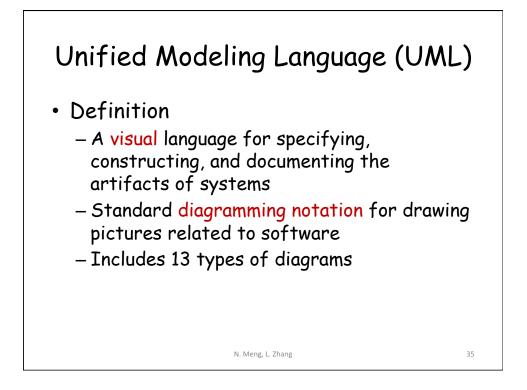
operation.

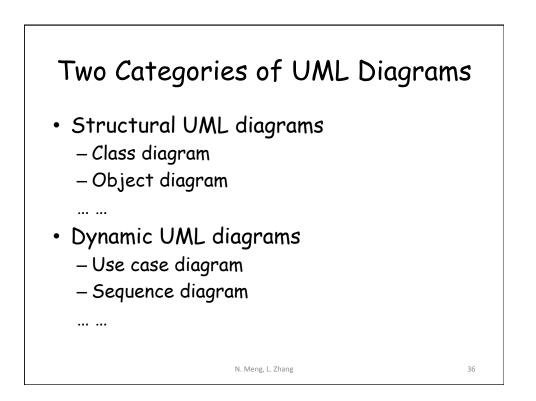
- 2. Manager performs override.
- 3. Cashier manually enters the price

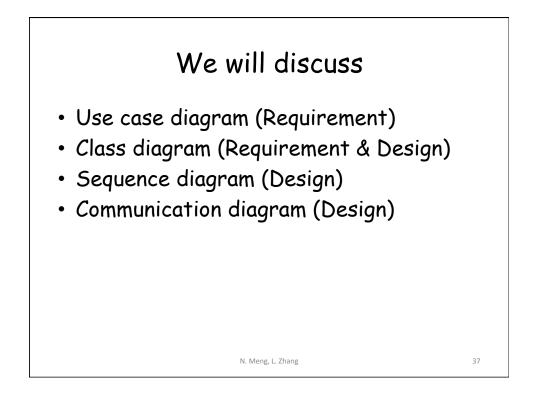


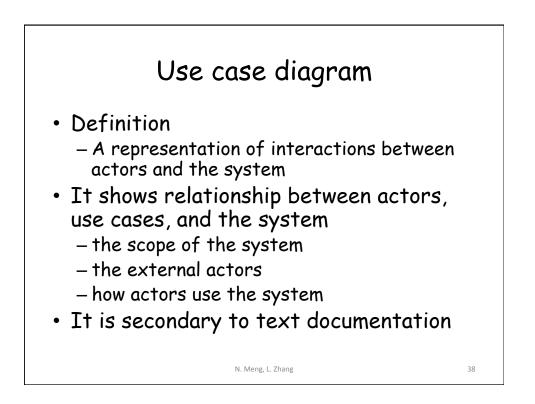


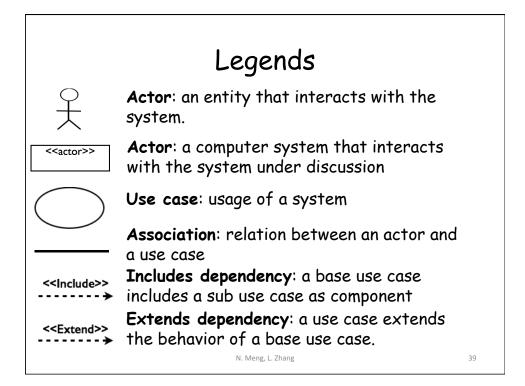


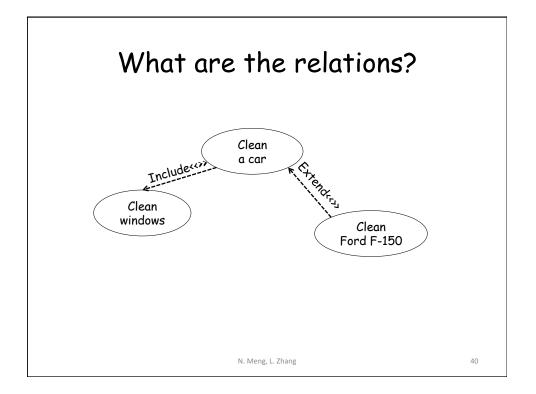


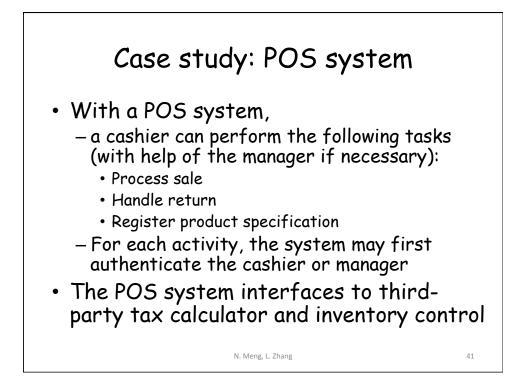


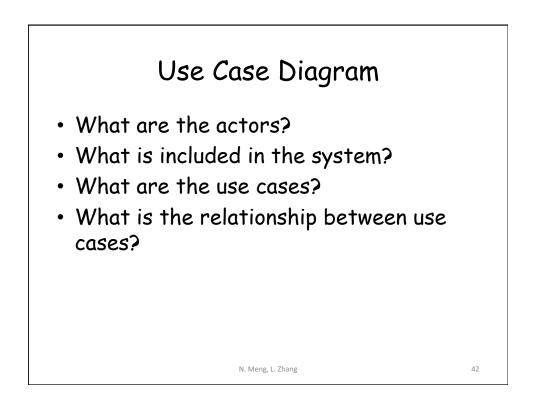


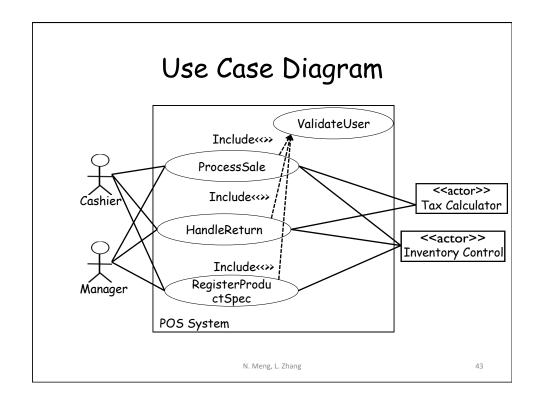


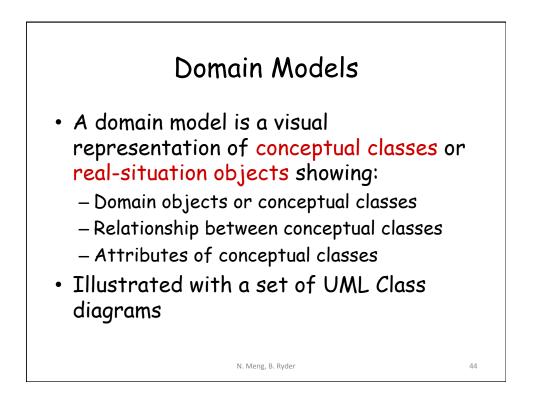


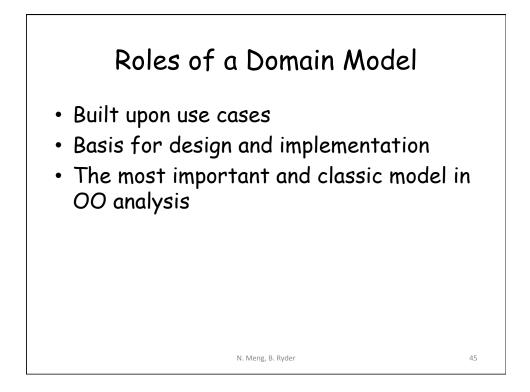


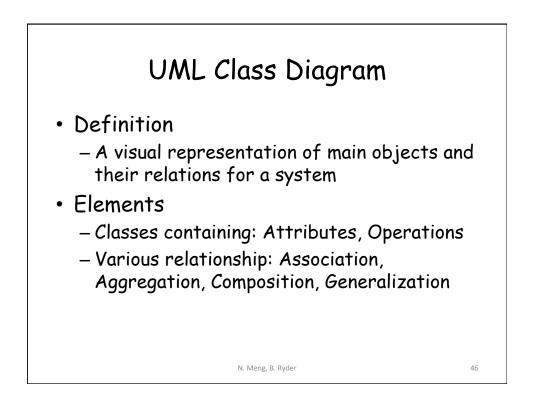


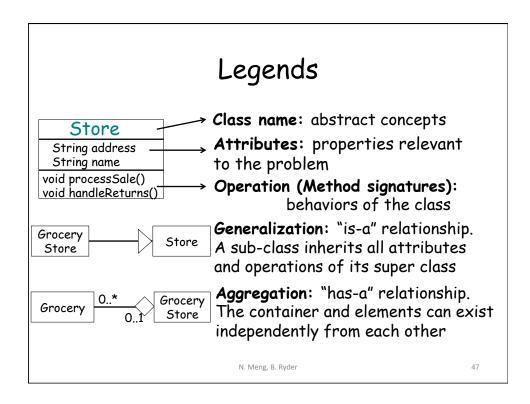


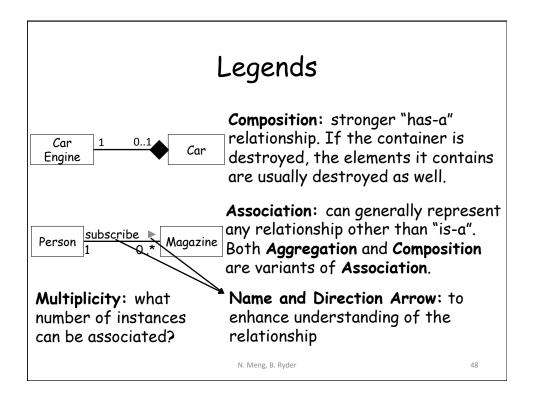




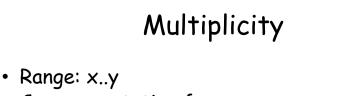








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• Common notation for ranges

- x..x → x
- x..infinity -> x..*
- $-0..infinity \rightarrow *$
- Combination of ranges
 - x..y, z..w
 - e.g. "2,4" -> number of doors in a car
- Most common multiplicities: *, 1..*, 0..1, 1

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