

More UML

AKA: Test 2 all over again.

Domain Model Review

- Shows:
 - the conceptual classes.
 - their identifying attributes.
 - relationships between conceptual classes.
- Provides basis of applications.

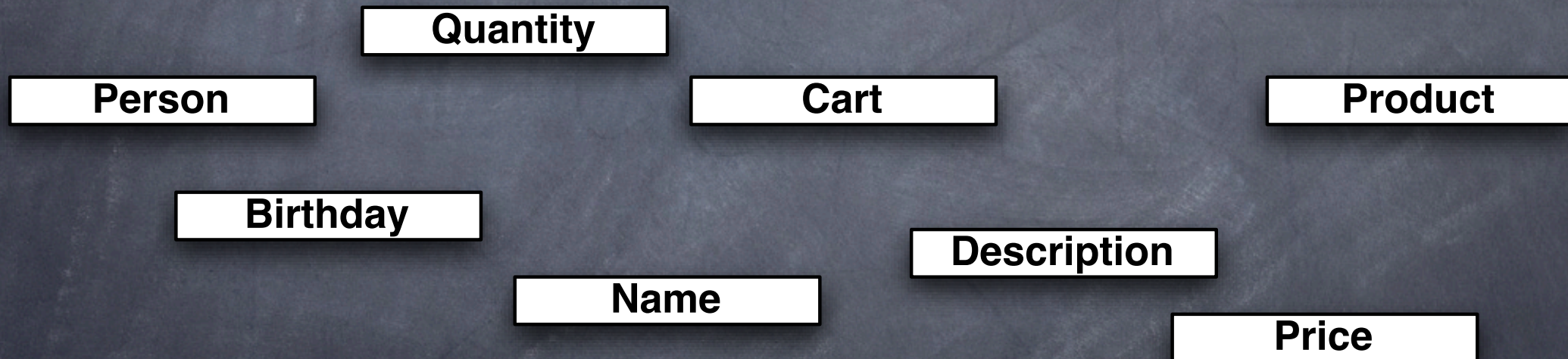
Exercise – Shopping!

- People can browse for products.
- People can view a product:
 - description, name, price
- Products can be added to a person's cart.
- Products in carts have a quantity.
- Carts can be shipped on people's birthdays.

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Place Conceptual Classes



But As Attributes?

Quantity

Person

DateOfBirth

Cart

Product

Name

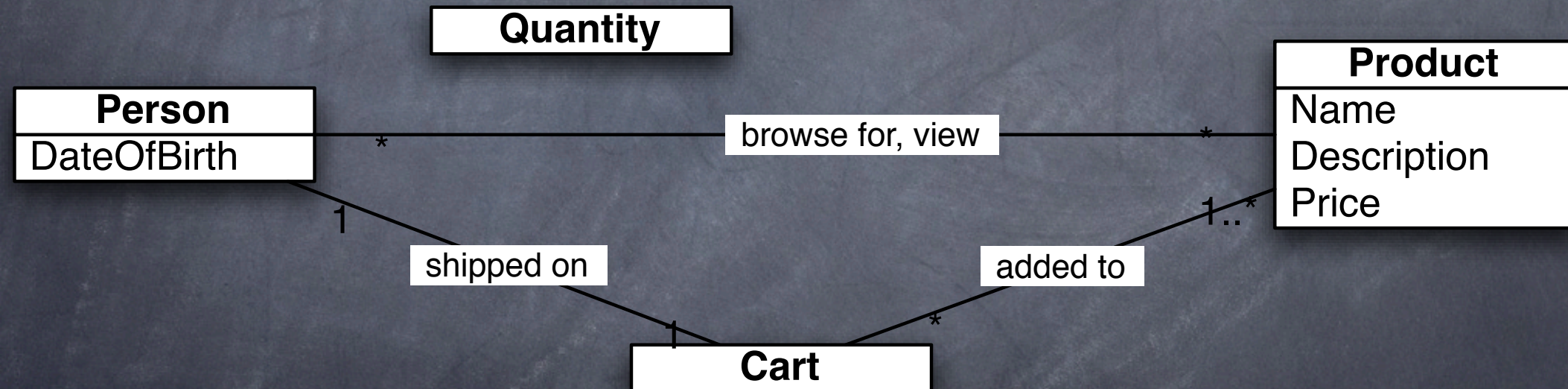
Description

Price

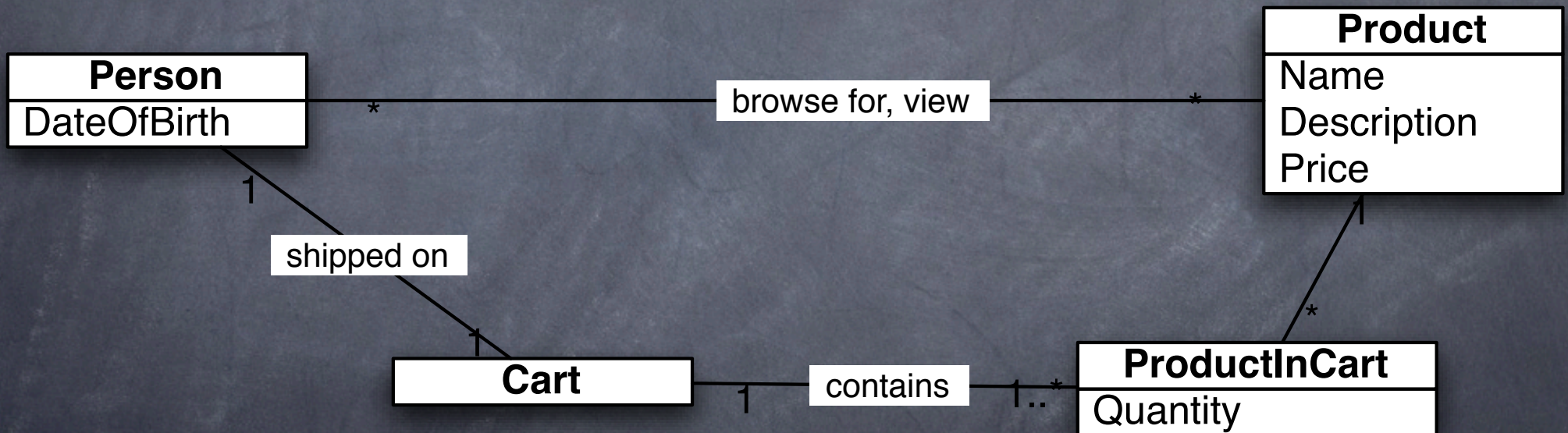
Add Relationships

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Add Relationships



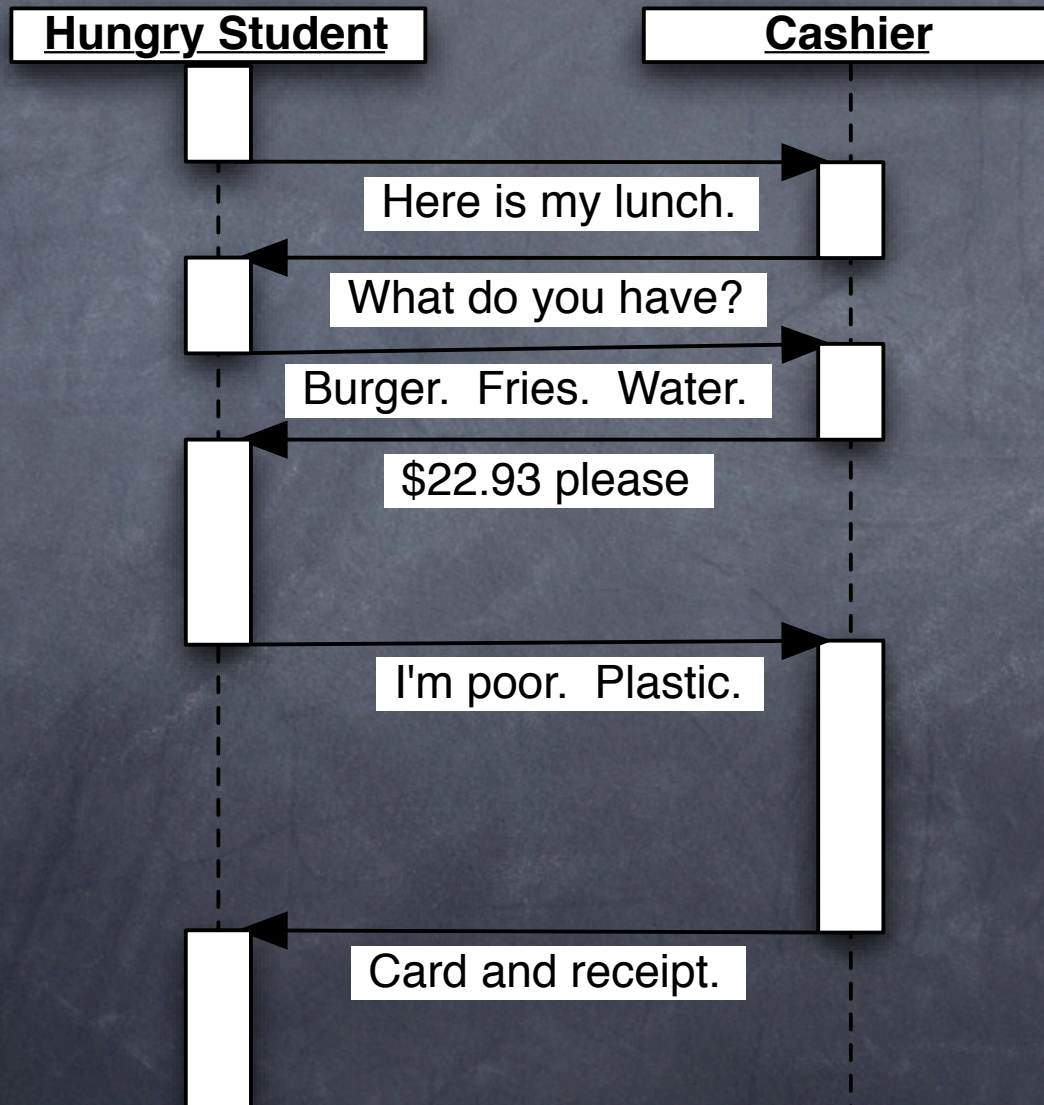
Loving Quantity



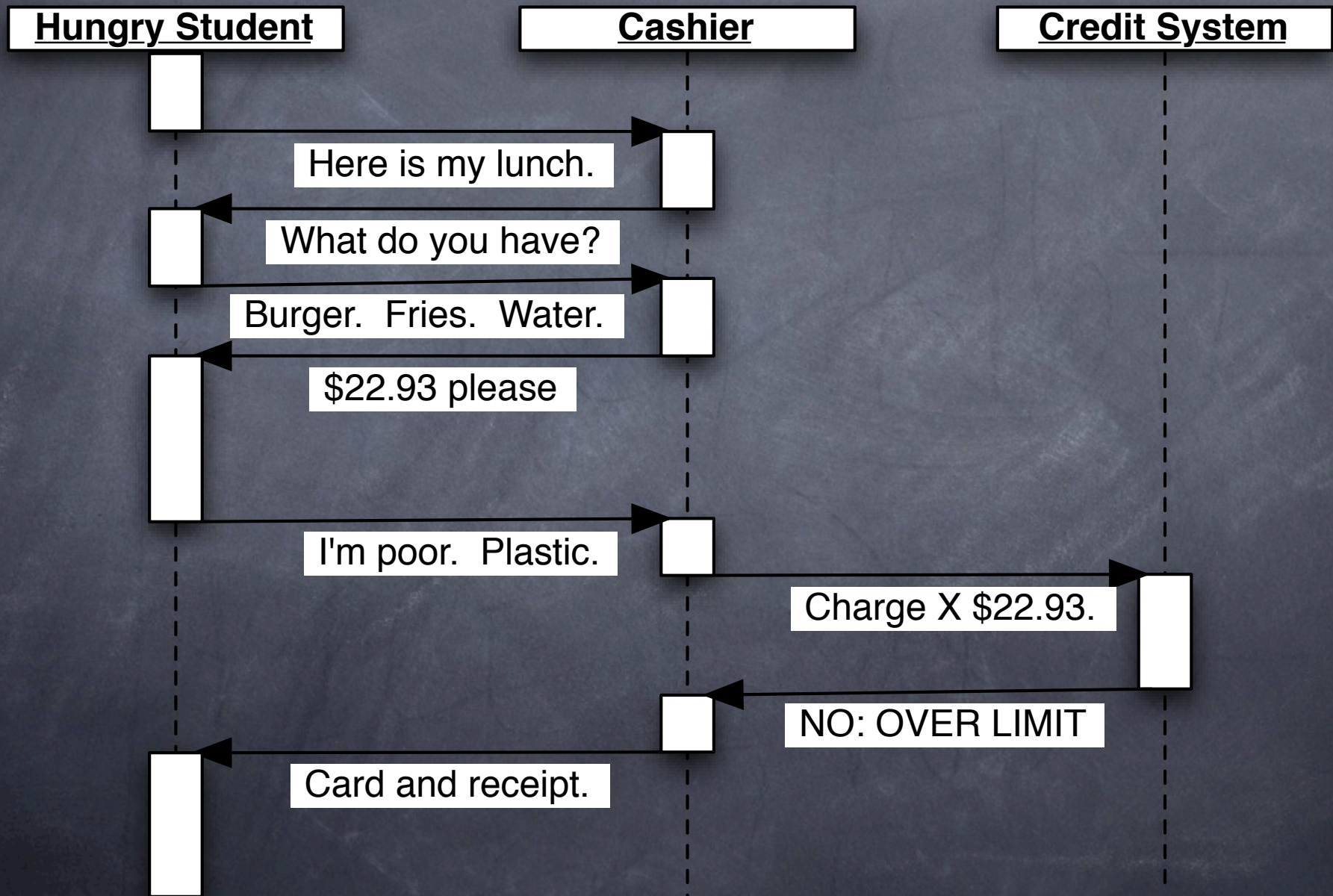
Sequence Diagrams

- Displays a chain of events over time.
- Useful to show:
 - Interaction between user and application.
 - Interaction between software classes.
 - Plots in movies?

Example Sequence Diagram



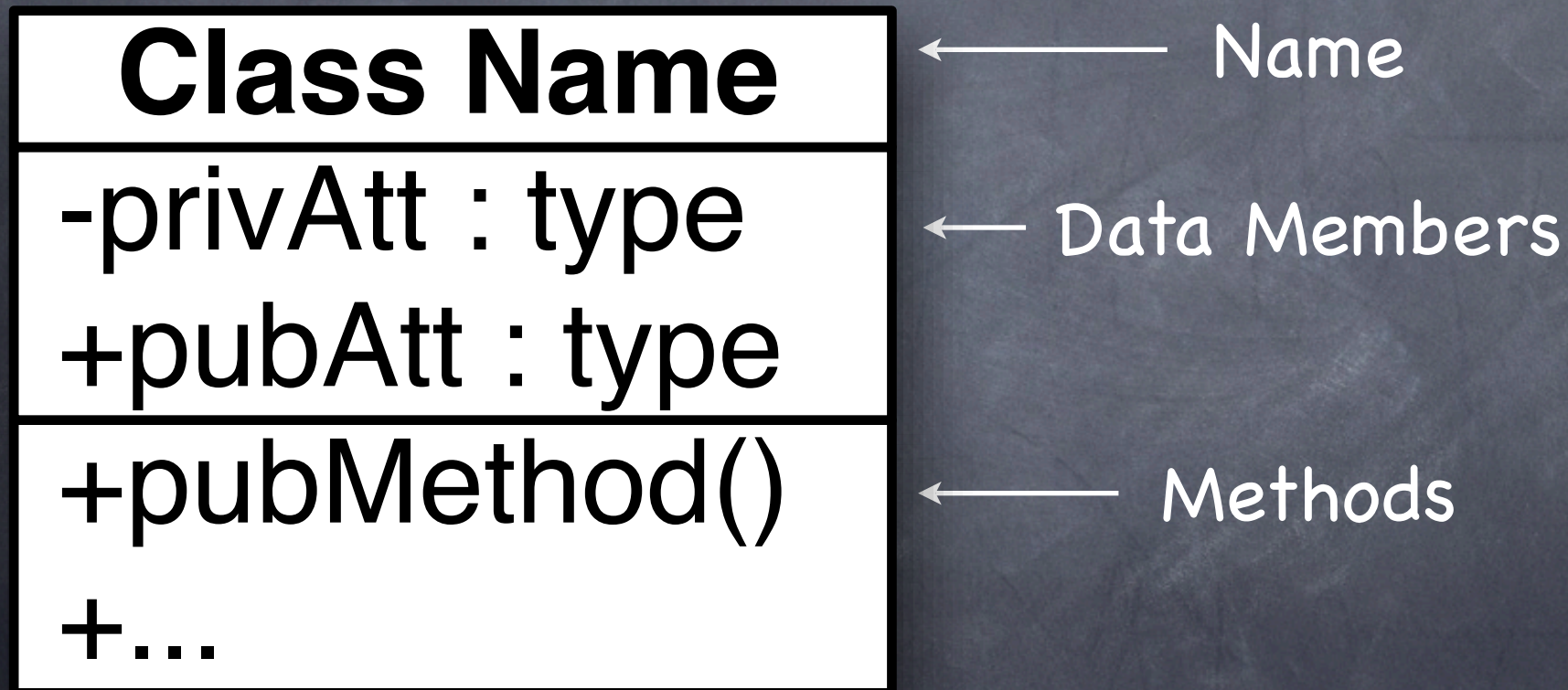
Extended Example



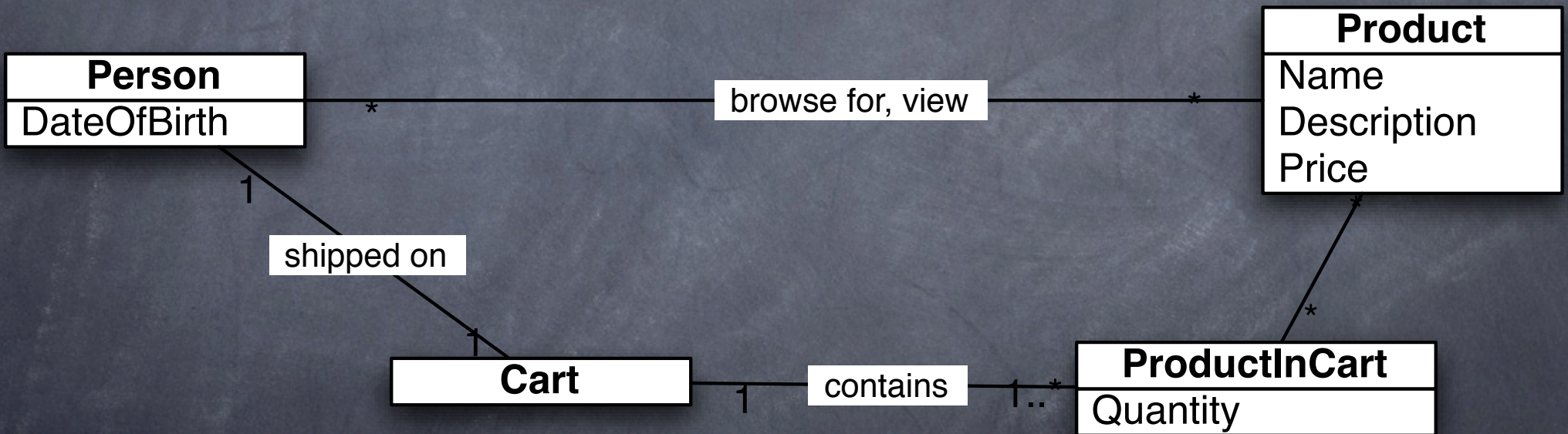
Exercise – Shopping!

- Customer is currently viewing a product.
- Add this product to cart.
- Adjust quantity to 50.
- Checkout!

Class Diagrams



Domain Model



Class Diagram

