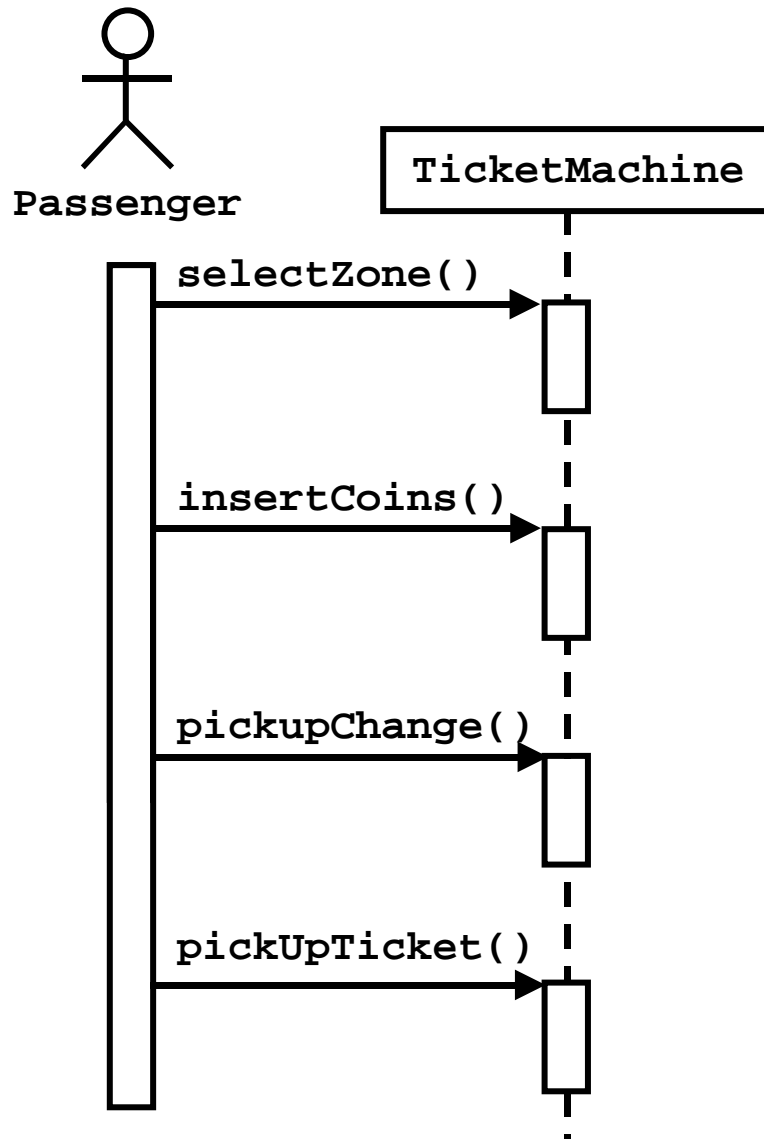


UML Sequence Diagrams



Used during requirements analysis

- ♦ To refine use case descriptions
- ♦ to find additional objects (“participating objects”)

Used during system design

- ♦ to refine subsystem interfaces

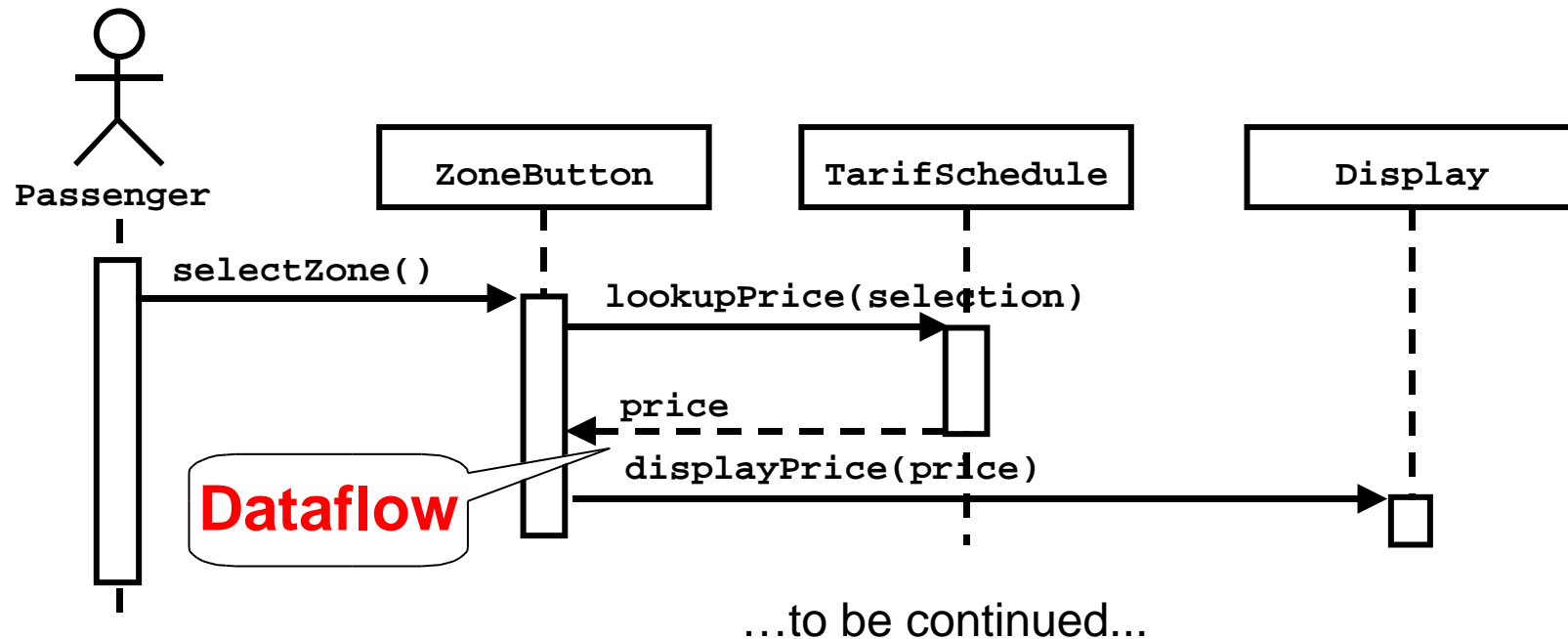
Classes are represented by columns

Messages are represented by arrows

Activations are represented by narrow rectangles

Lifelines are represented by dashed lines

UML Sequence Diagrams: Nested Messages



The source of an arrow indicates the activation which sent the message

An activation is as long as all nested activations

Sequence Diagram Observations

UML sequence diagram represent behavior in terms of interactions.

Complement the class diagrams which represent structure.

Useful to find participating objects.

Time consuming to build but worth the investment.