Sequence Diagrams

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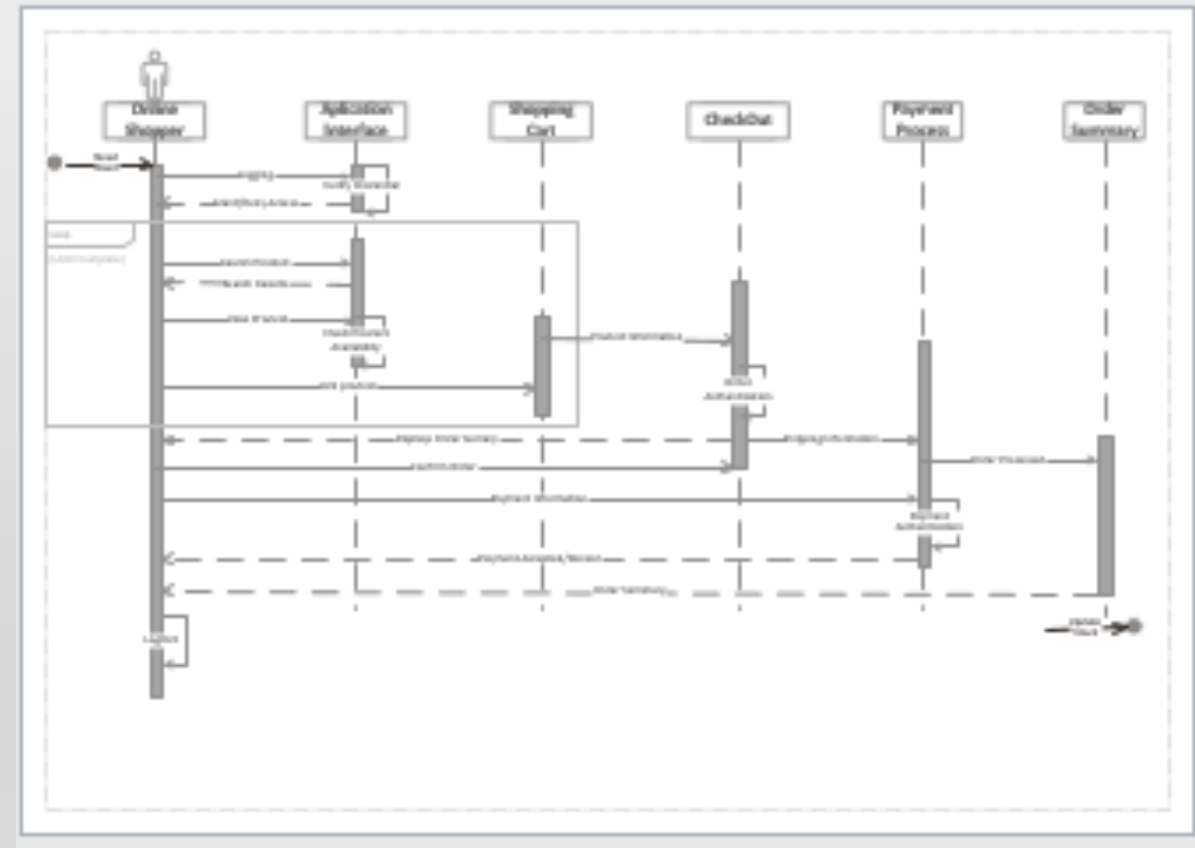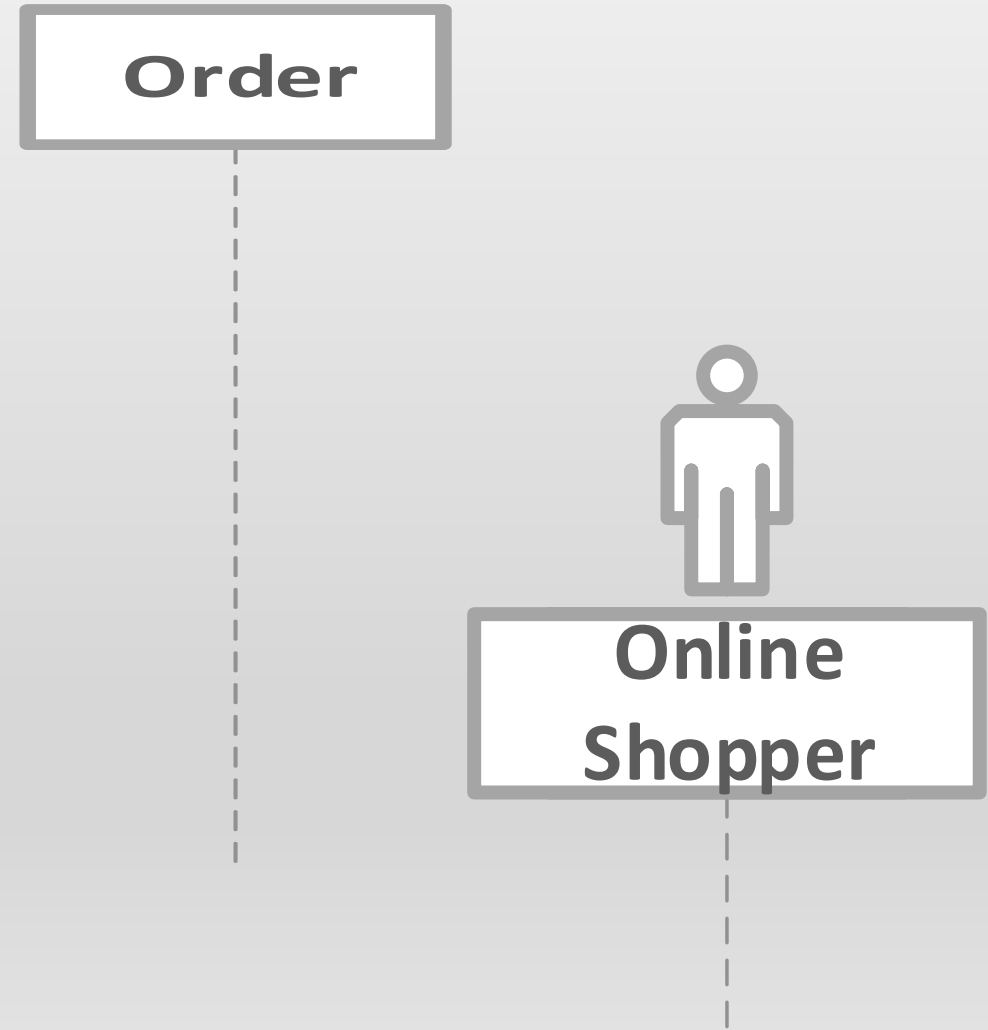January 29, 2018

UML Sequence Diagrams

- Sequence of messages between instances of classes, components, subsystems, or actors.

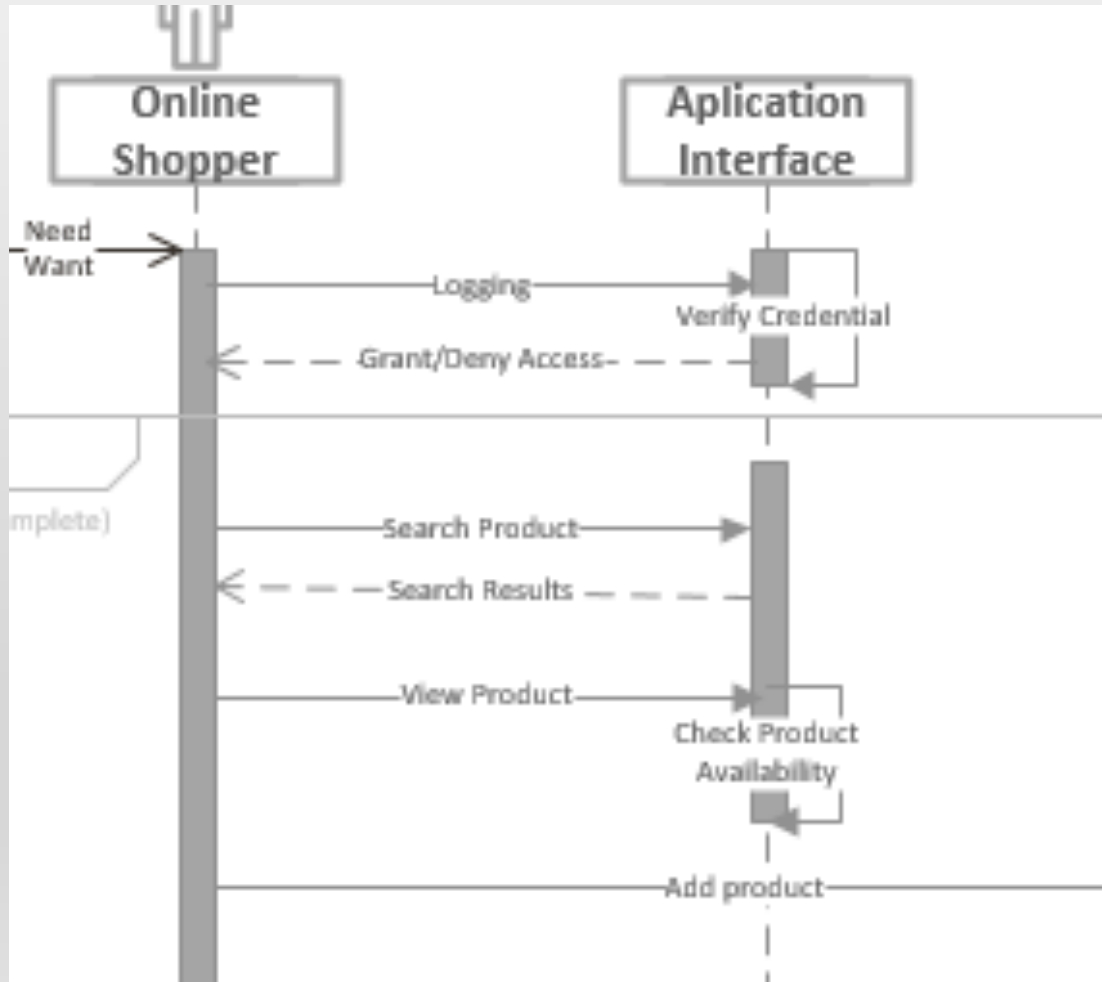- It shows the flow of control from one participant to another.

Lifeline Symbol

- A vertical line that represents the sequence of events

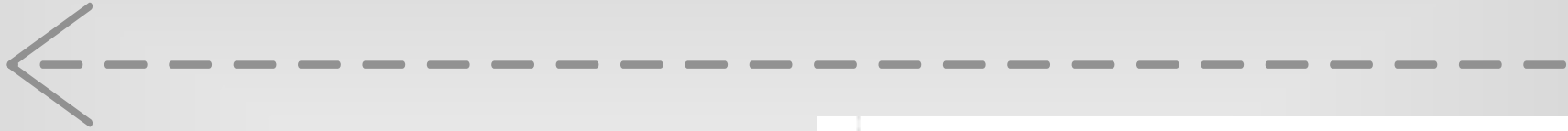- This participant can be an instance of a class, component, or actor.

Order

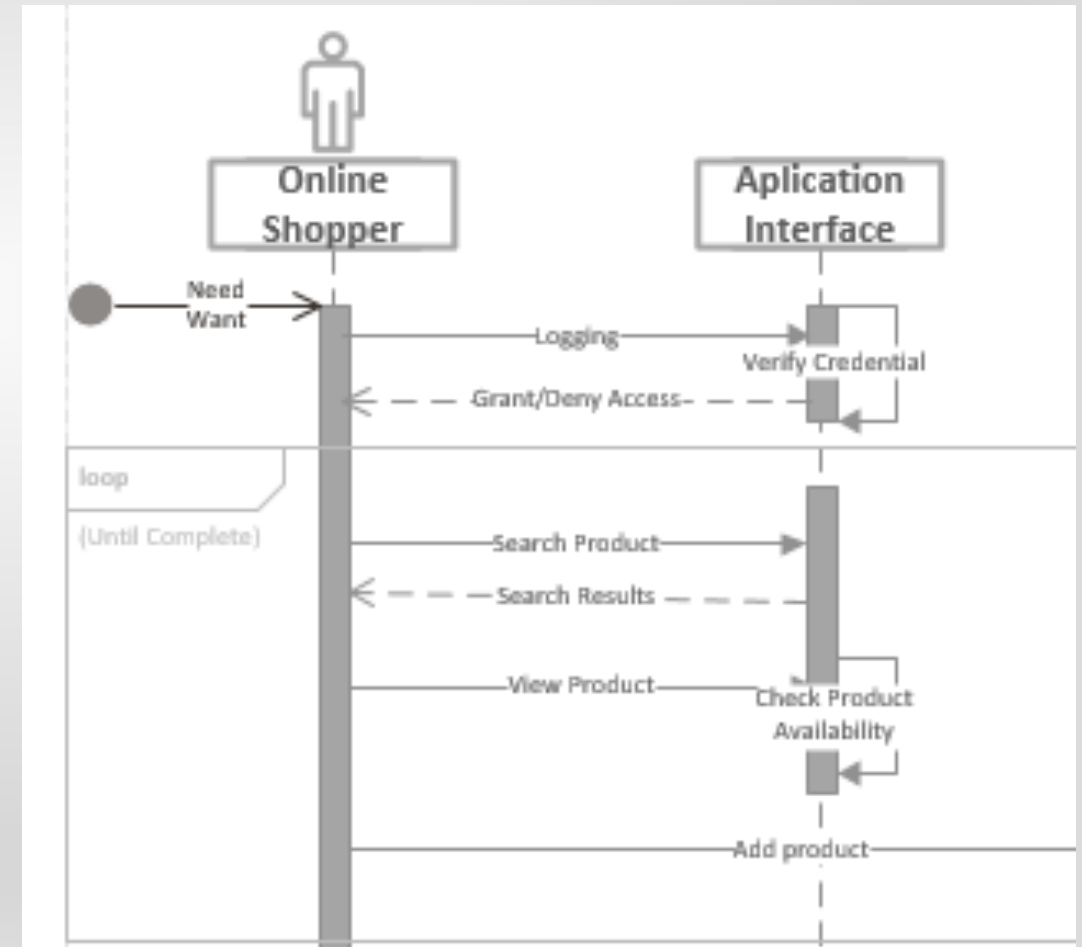Online Shopper

Synchronous Message Symbol

- The sender waits for a response to a synchronous message before it continues.

Reply Message Symbol
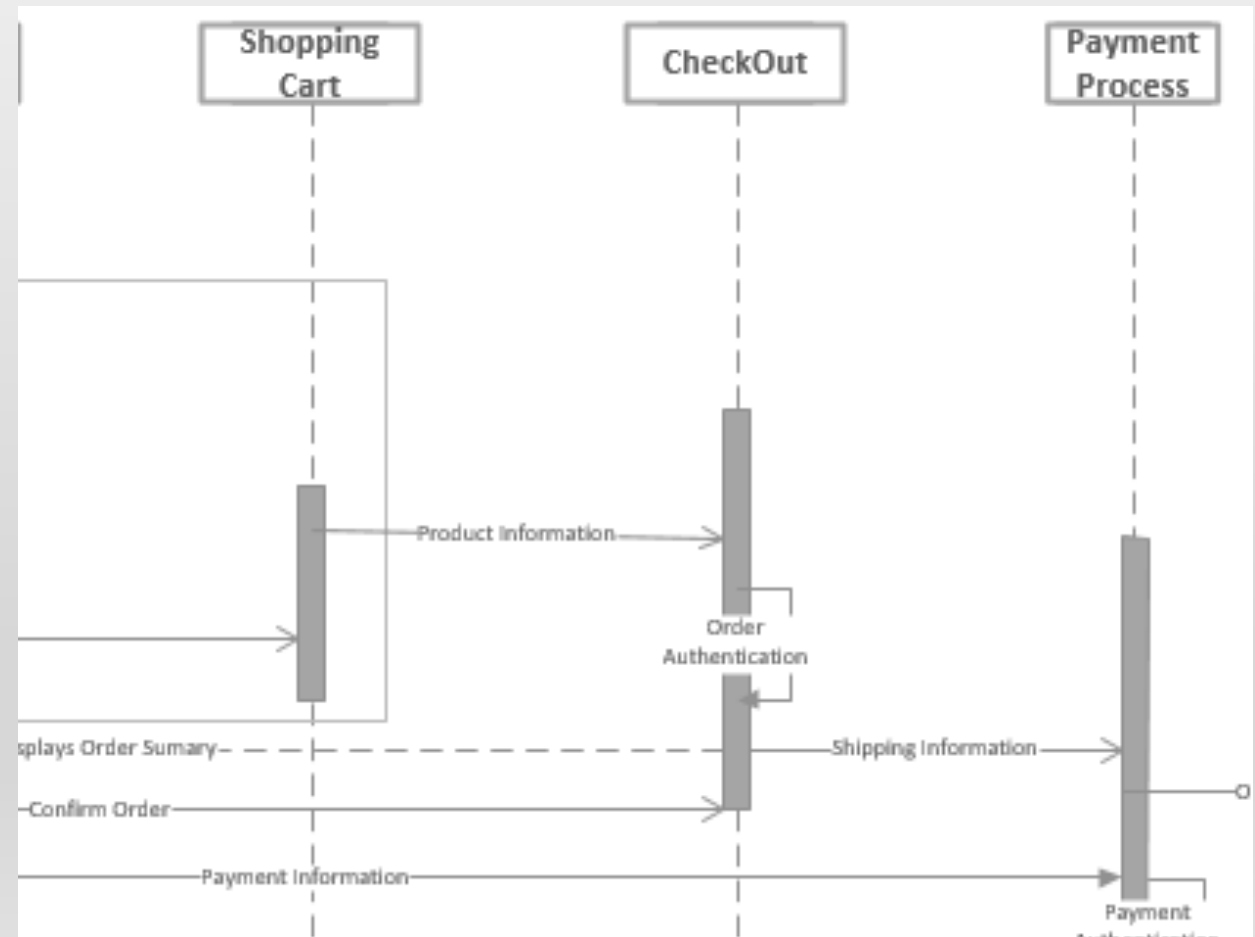
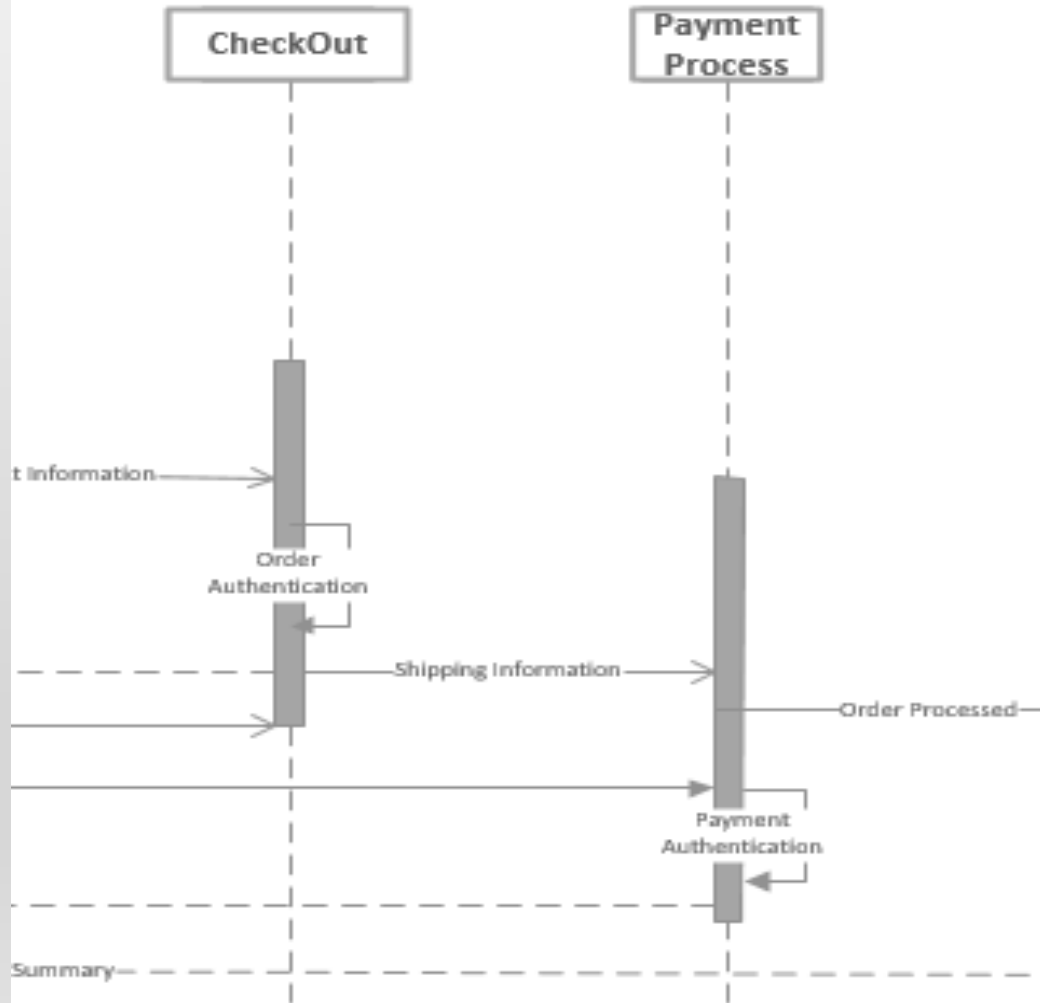Represented by a dashed line with a lined arrowhead.

Asynchronous message Symbol

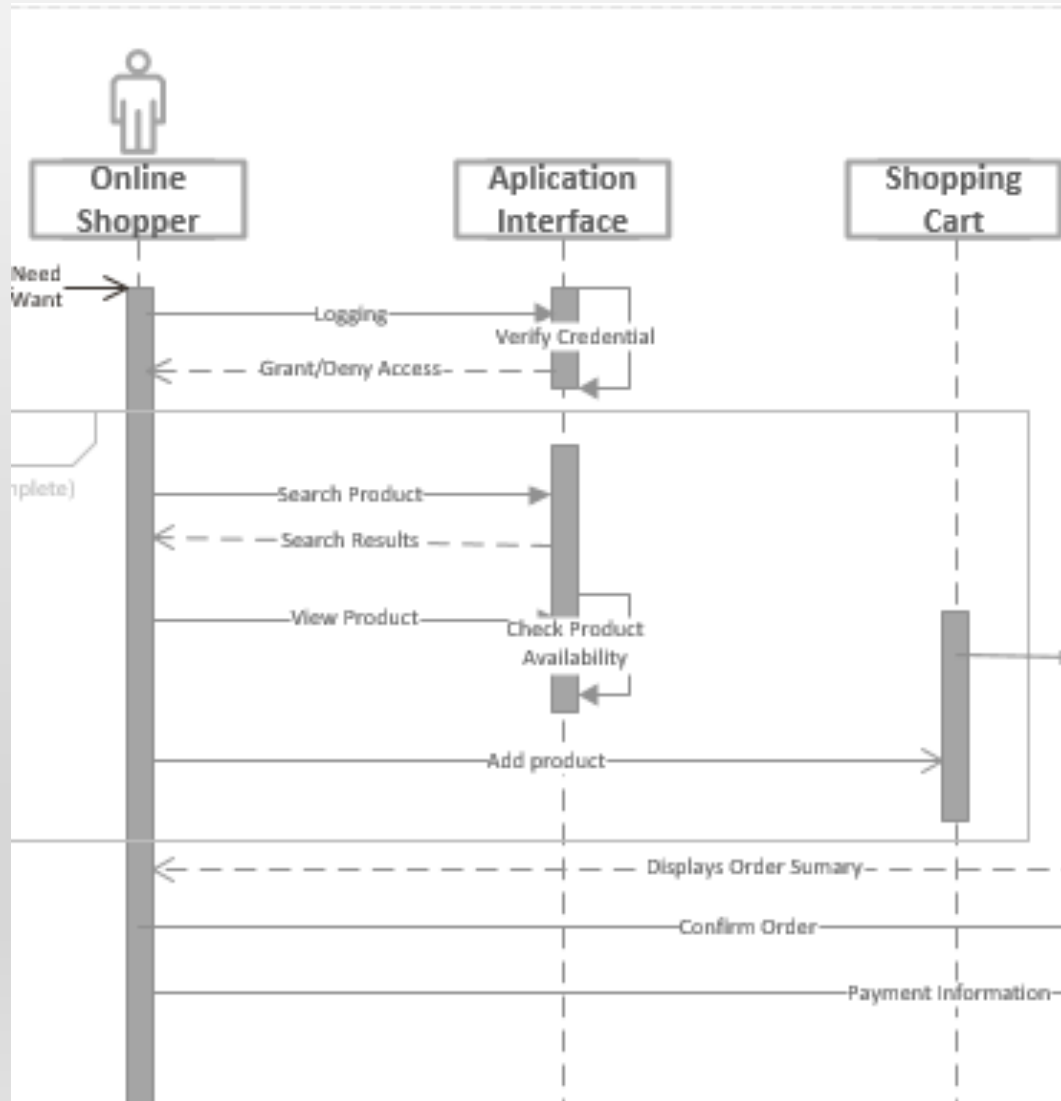- A message that does not require a response before the sender continues.

Self Message

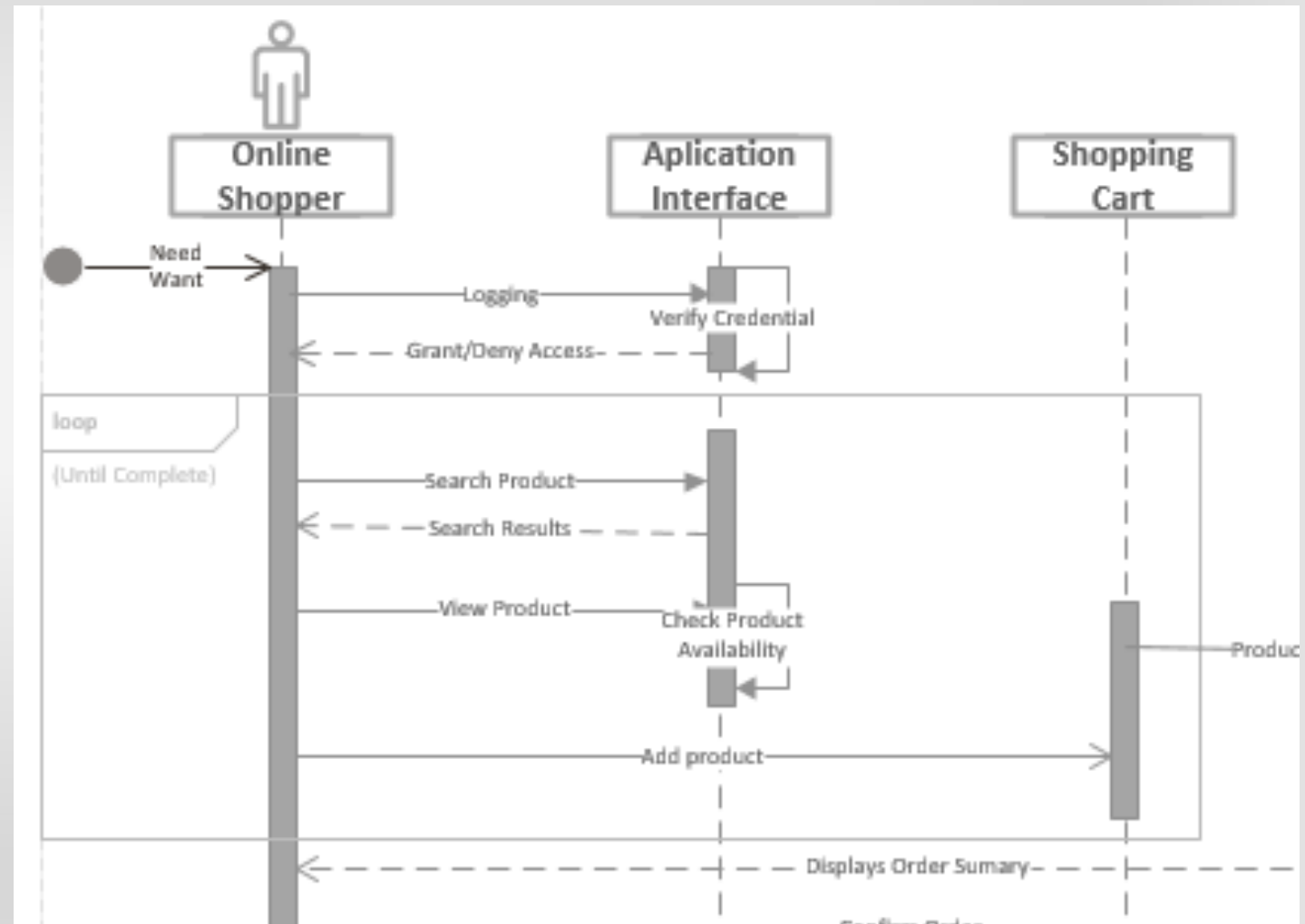A message from a participant to itself.

Activation Bars

Appears on a participant's lifeline and represents the period when the participant is executing an operation.

Fragment

- Loop Fragment
- Alternative Fragment
- Optional Fragment
- Others

Sequence Diagram