

Main point

Software engineering

SCI

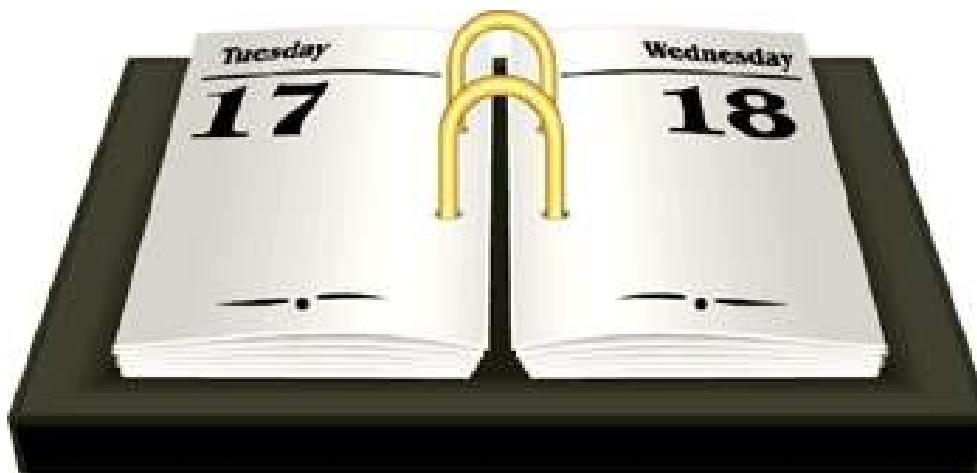
The domain model shows the entities, attributes and relationships of the problem domain

The human physiology has the same structure as the structure of the Veda and Vedic literature who are expressions of the structure of pure consciousness.

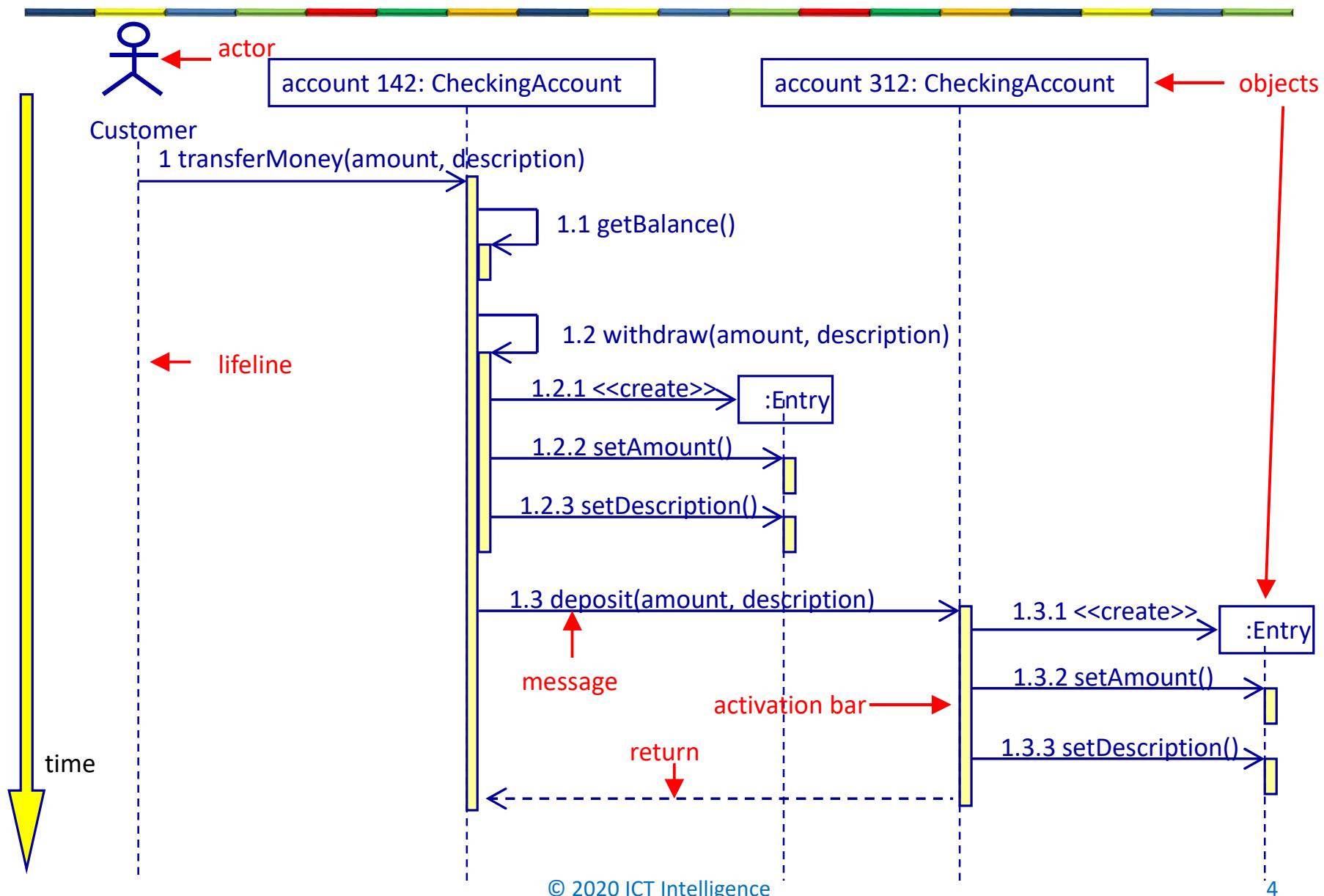
Interaction diagram

Behavior of the objects

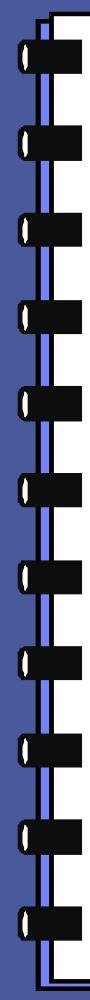
- Sequence diagram
 - Shows the sequence of communication



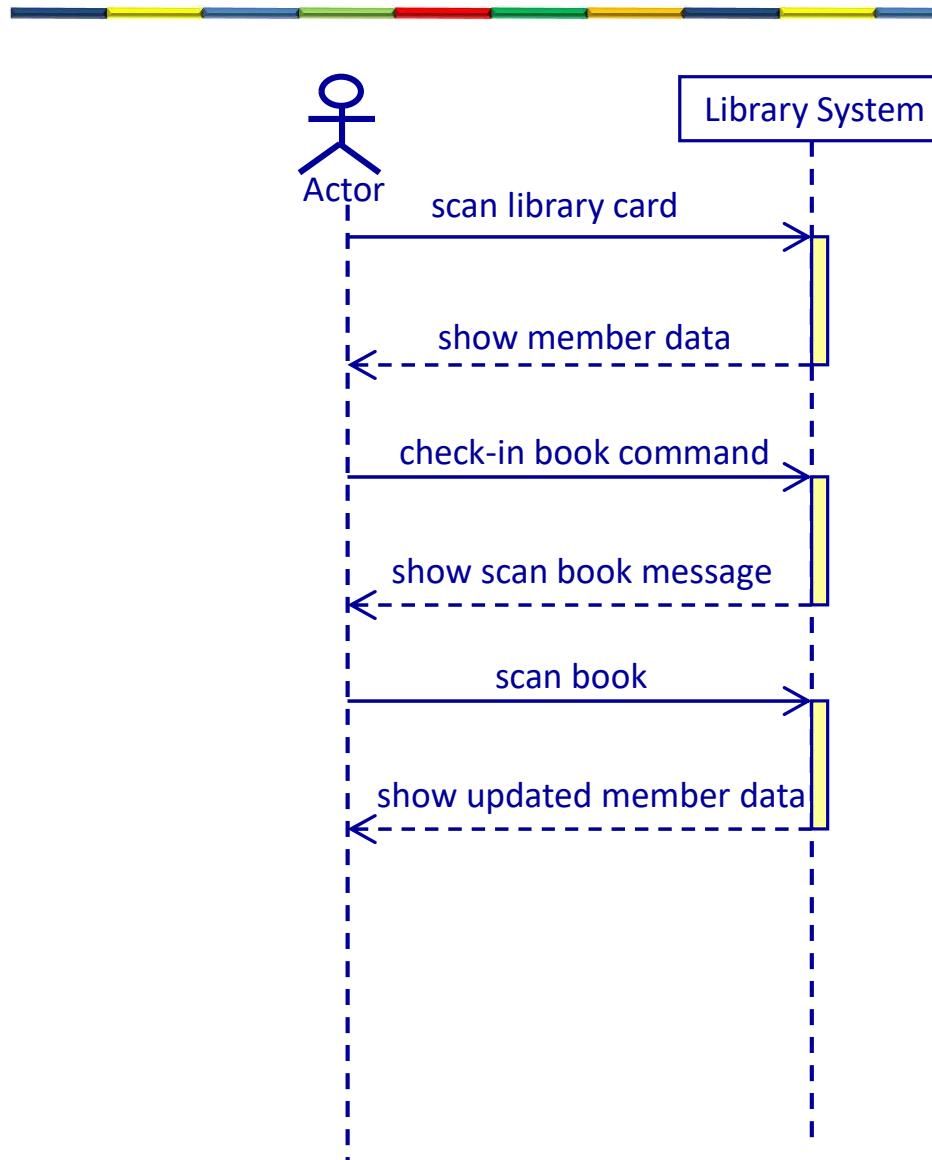
Sequence diagram



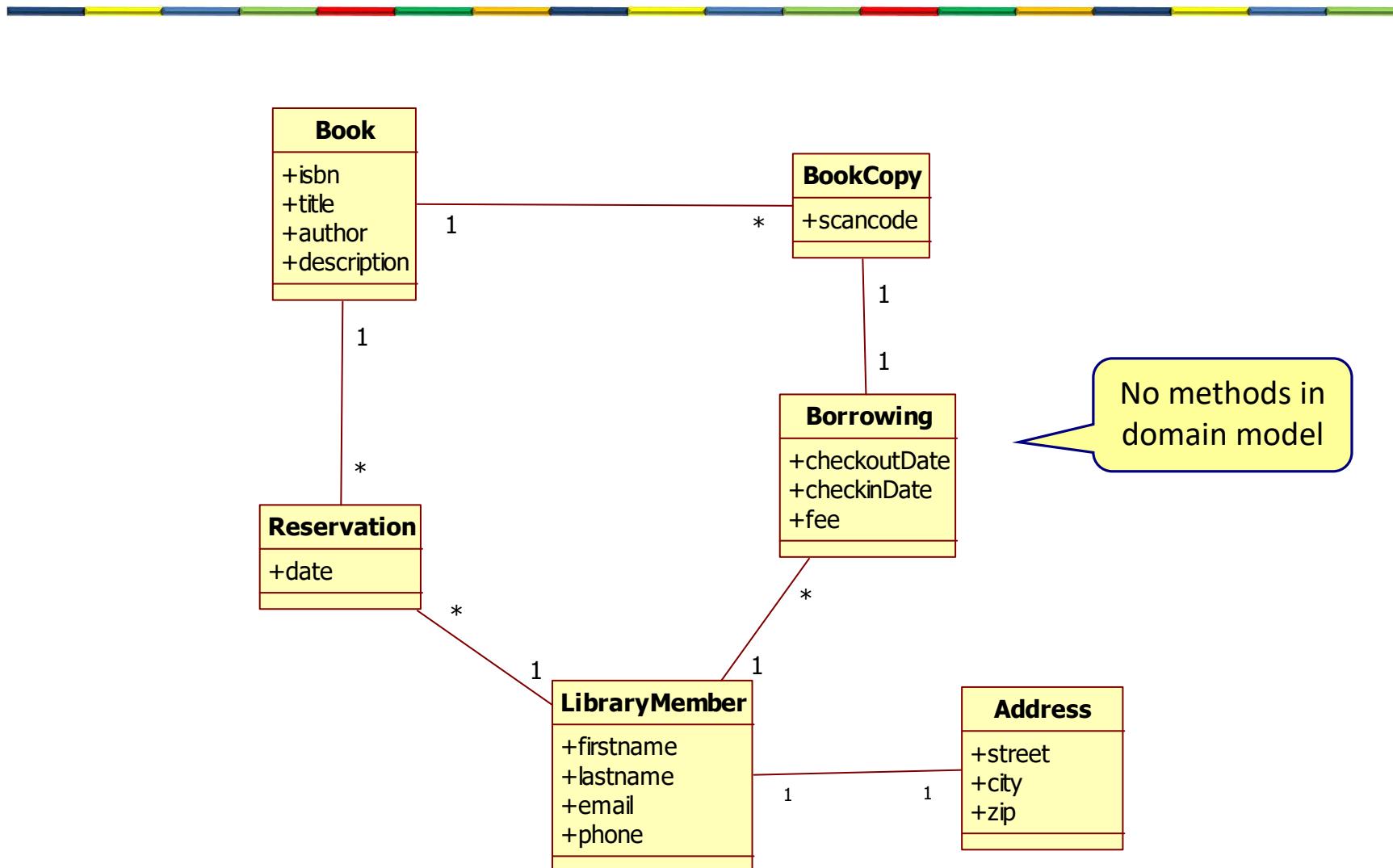
Check-in book scenario

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1. Actor scans the library card of the library member with the scanner
 2. The system shows library member information (name, address, phone, checked-out books, reserved books, payments due)
 3. Actor gives the command to check-in books
 4. System gives the message to scan the book
 5. The actor scans the book with the scanner
 6. The system sends an email to the first library member who reserved this book.
 7. The system shows the library member information with the updated checked-out books list and the updated payments due
 8. Repeat step 5-7 till all books are checked in

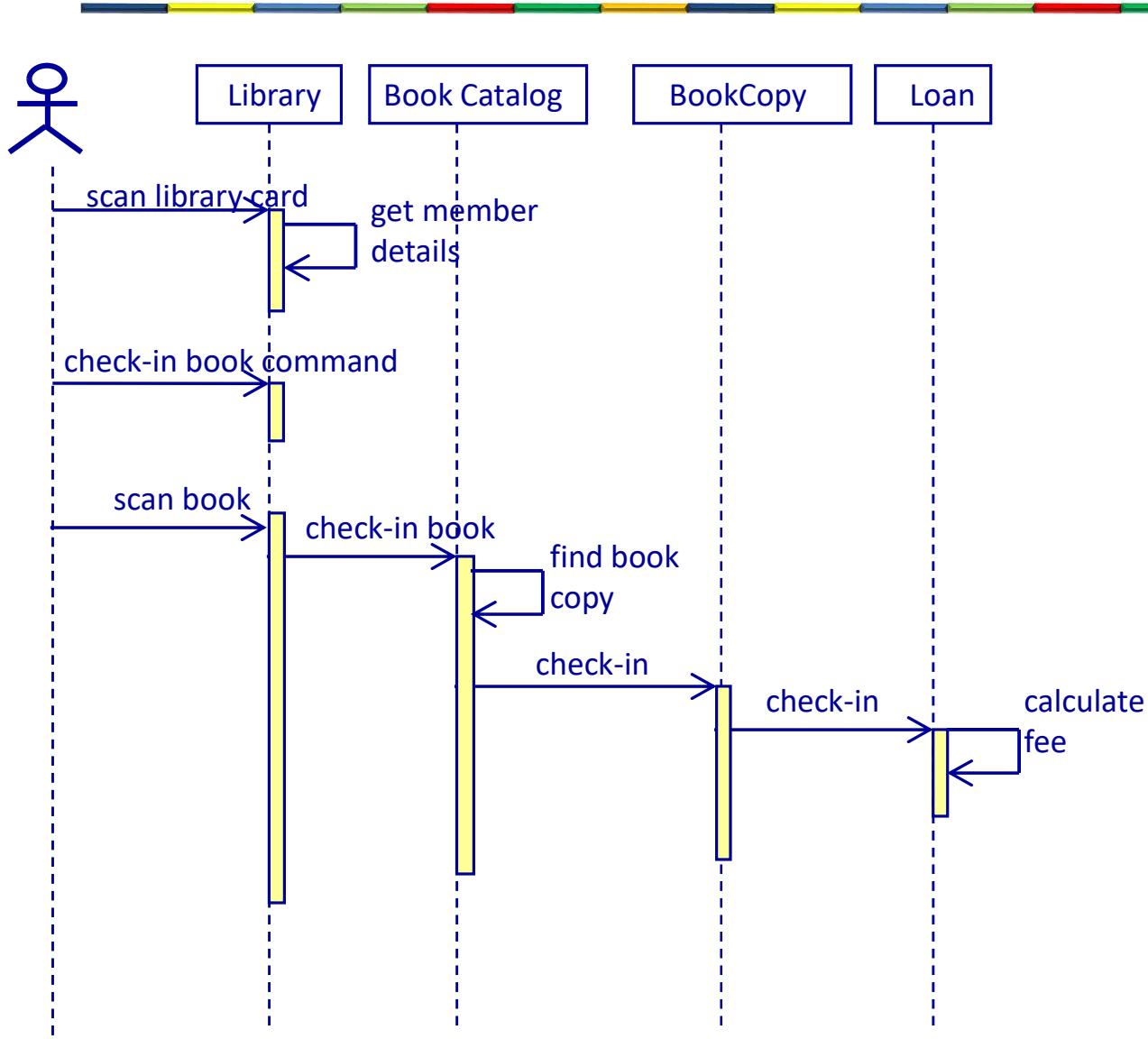
Check-in book



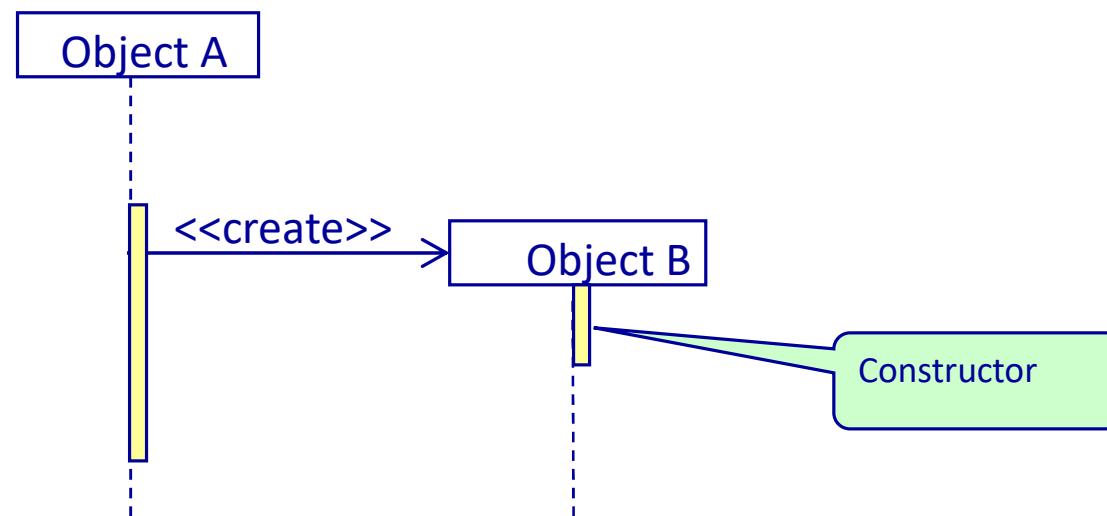
Library system domain model



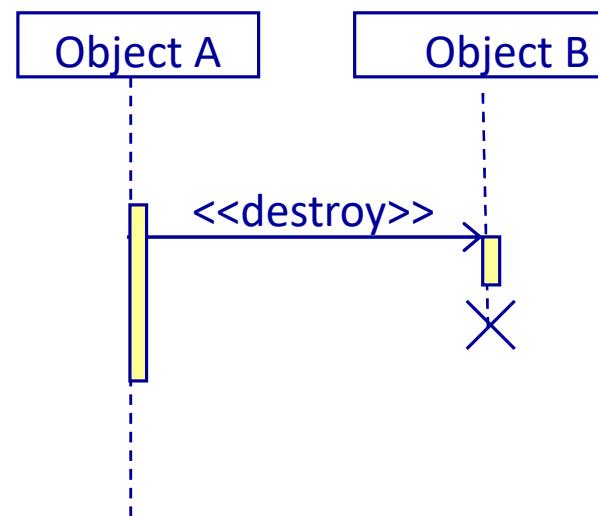
Check-in book



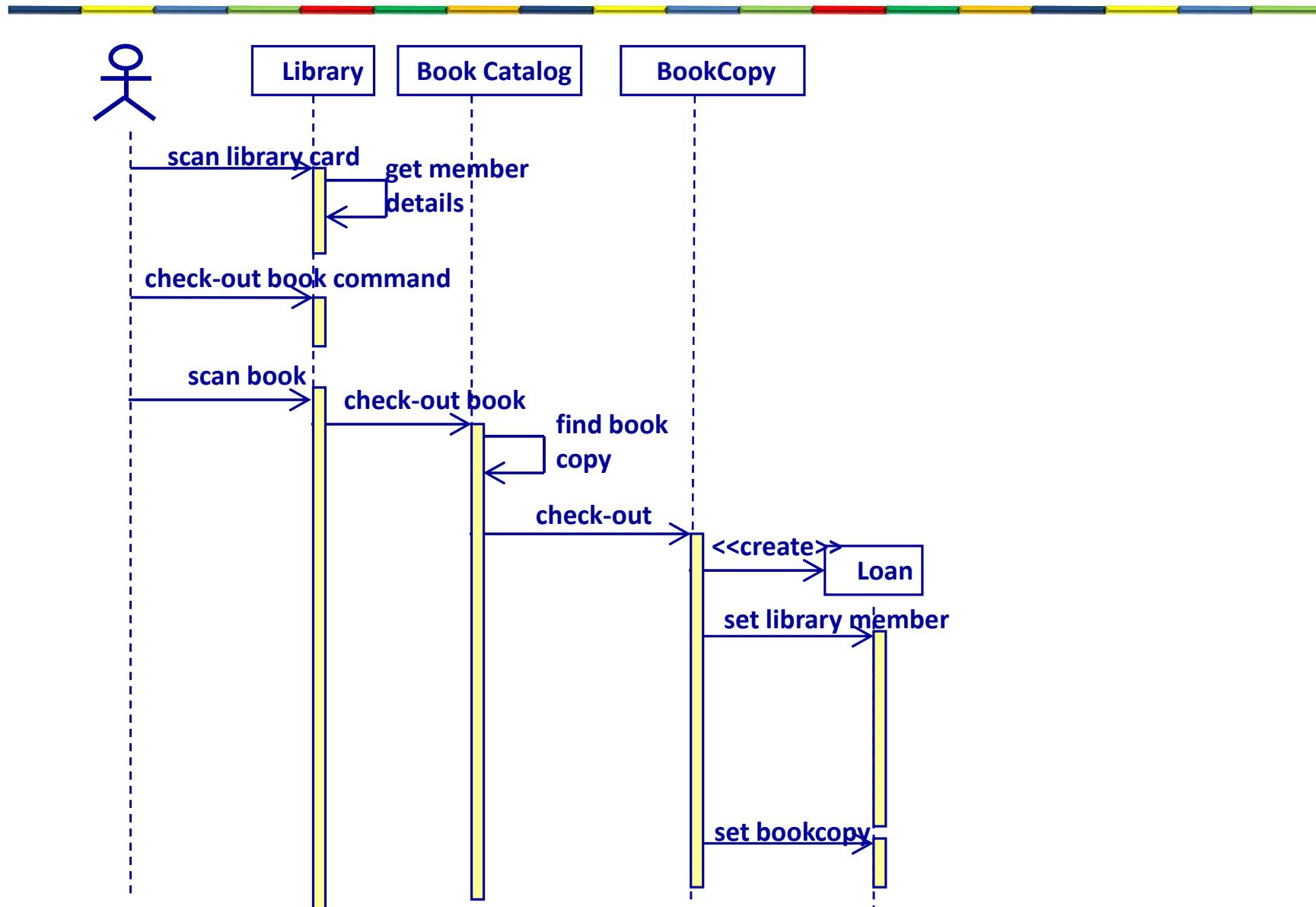
Object creation



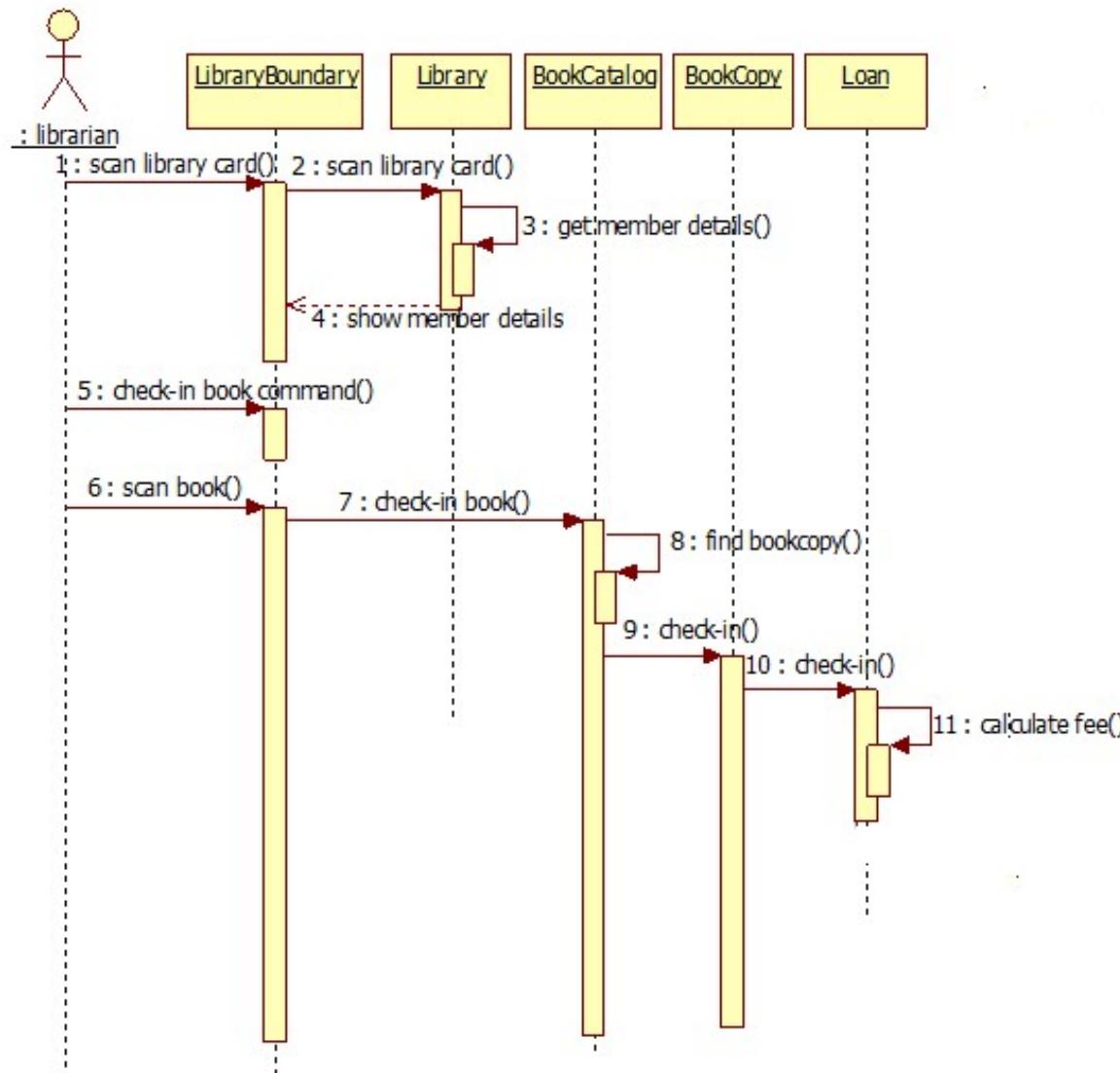
Object destruction



Check-out book



Boundary class



Main point

Software engineering

The sequence diagram shows how the different objects interact with each other.

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- The orderly sequential unfoldment of creation is a reflection of pure consciousness. The Vedas are expressions of the structure of this pure consciousness.