

Use Case: Check In Media

Actor: Staff Member (or Admin)

Precondition: Logged on with staff privileges

Main Success Scenario:

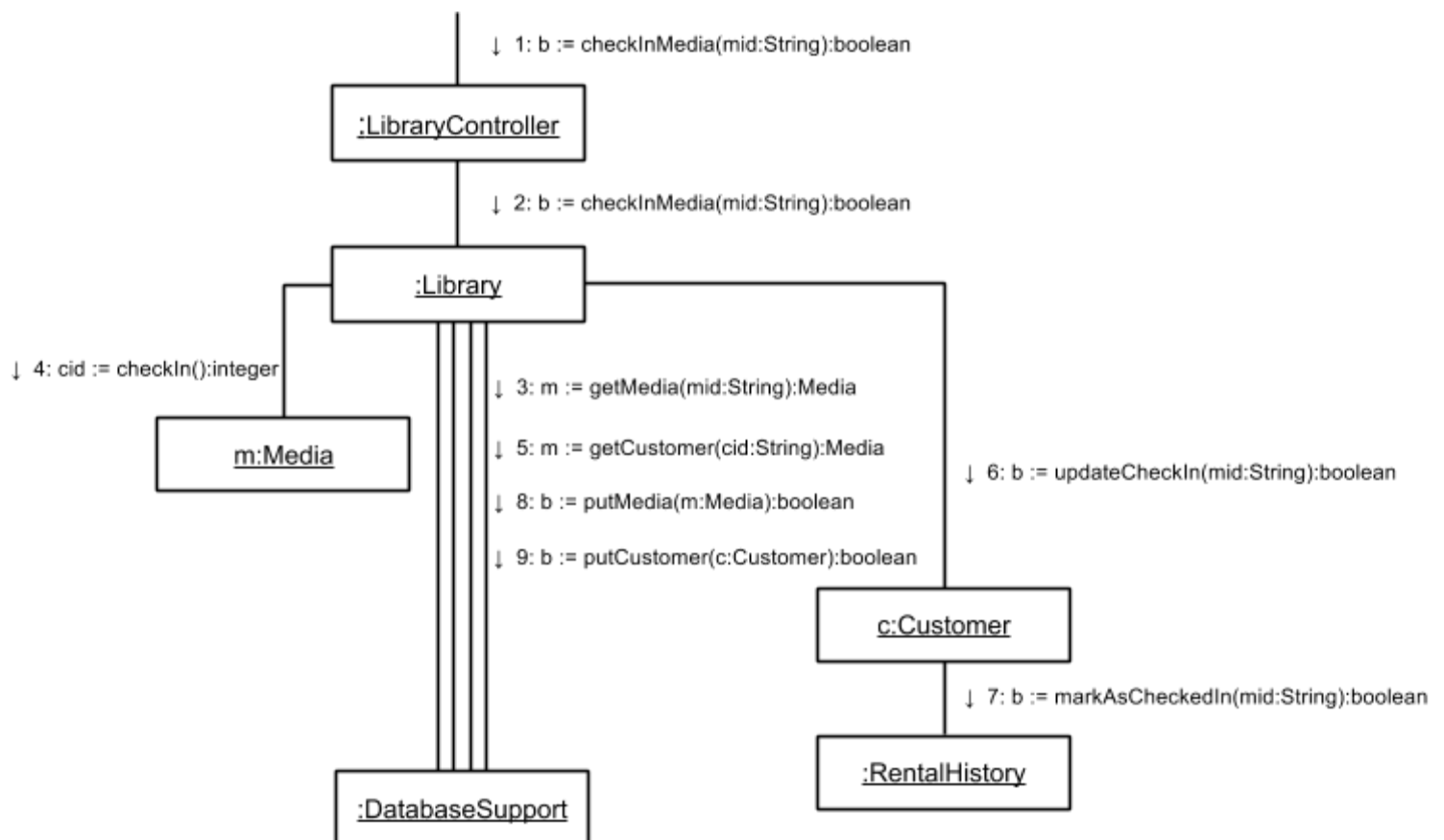
1. User provides media ID
2. System notifies user that media has been checked in

Extensions:

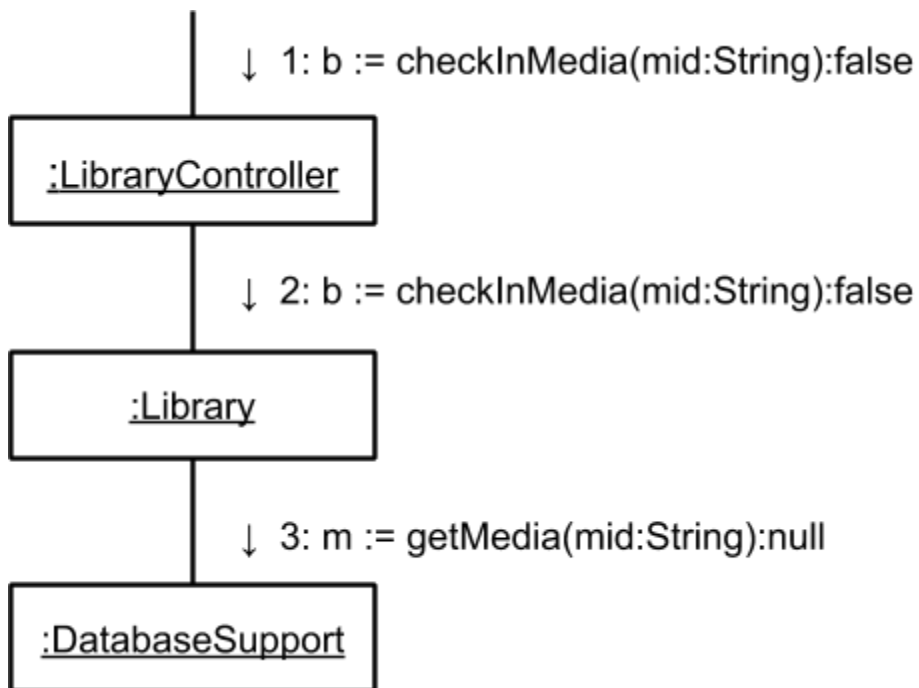
- 1a. Media ID does not exist
 1. System notifies user that media does not exist
- 1b. Media is not checked out
 1. System notifies user that media is not checked out
- 1c. Media is checked out to nonexistent customer
 1. System notifies user of the issue
 2. System proceeds to check in the book without updating any customer

Information expert: Library

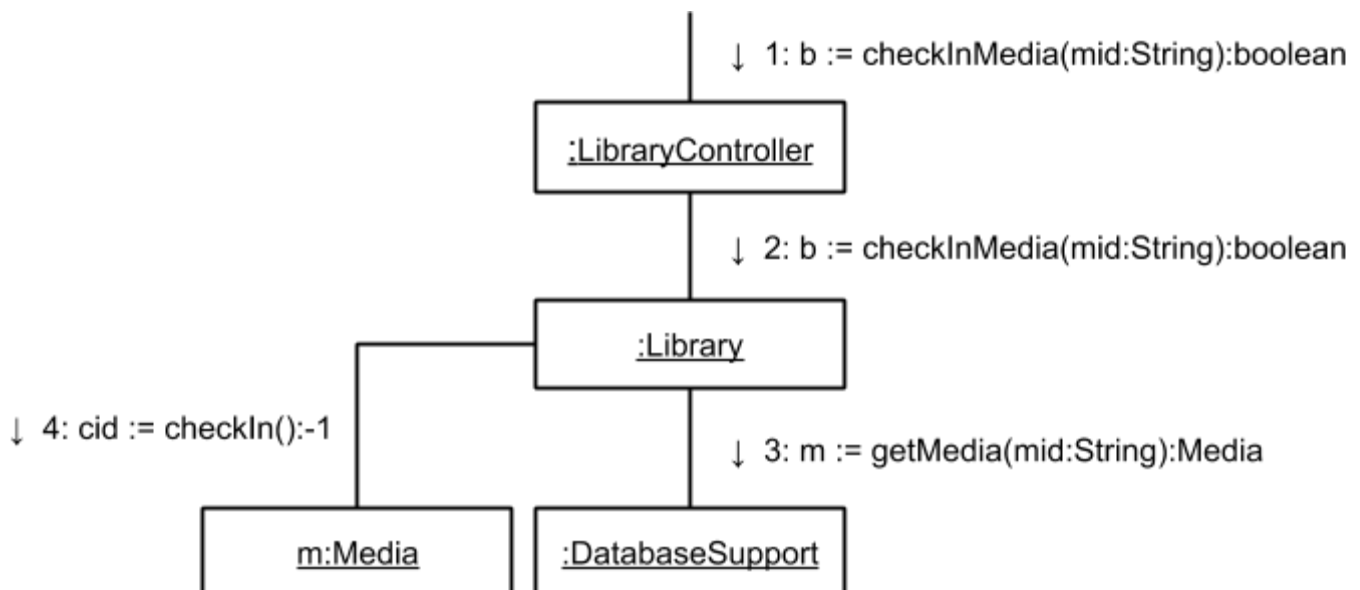
Interaction Diagram:



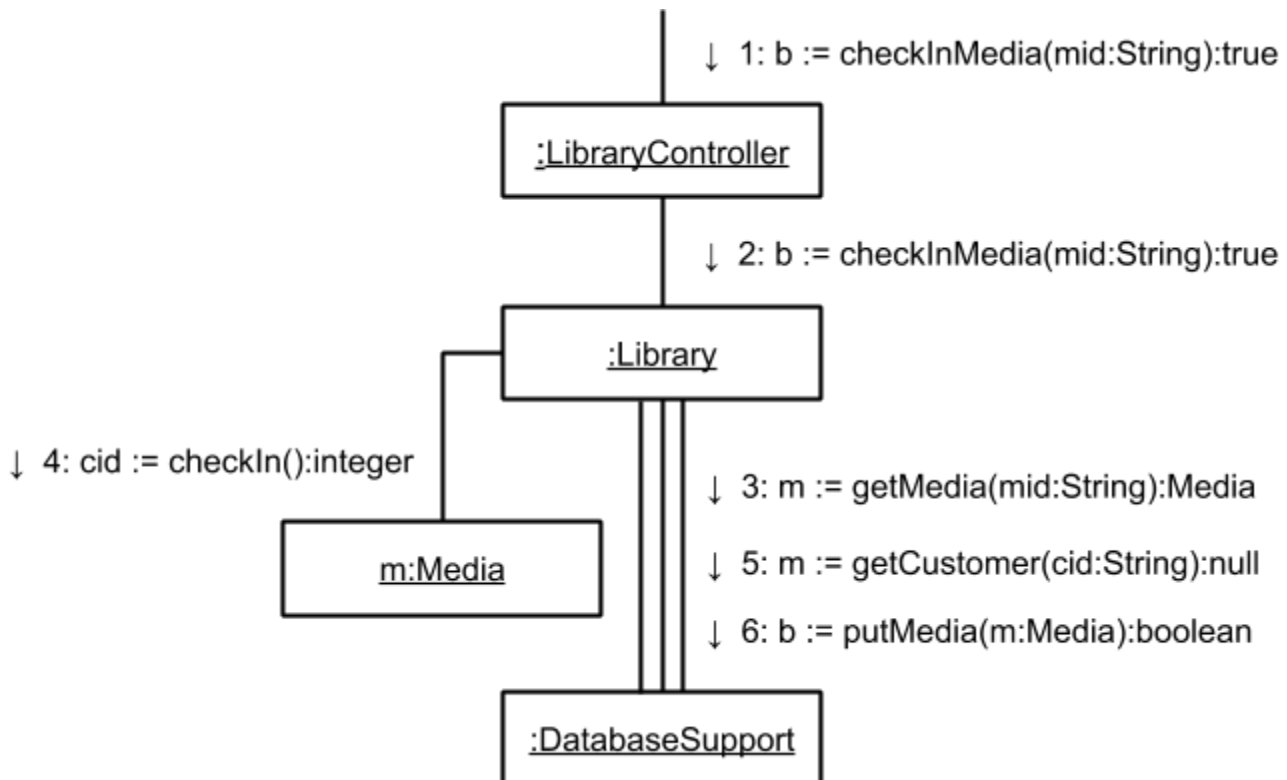
Extension 1a:



Extension 1b:



Extension 1c:



Use Case: Check Out

Actor: Staff Member (or Admin)

Precondition: Logged on with staff privileges

Main Success Scenario:

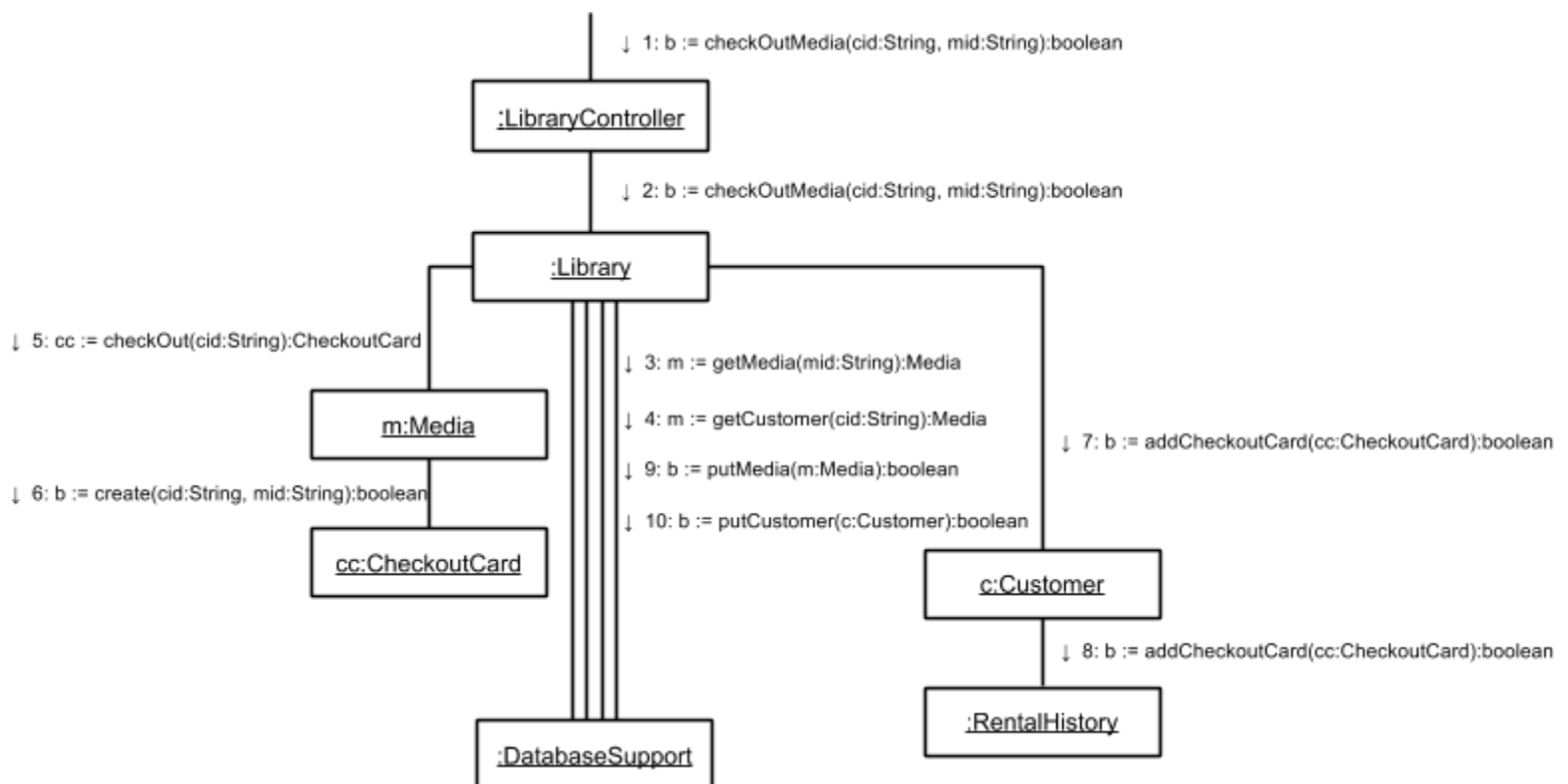
1. User provides media ID and customer ID
2. System notifies user that media has been checked out to customer

Extensions:

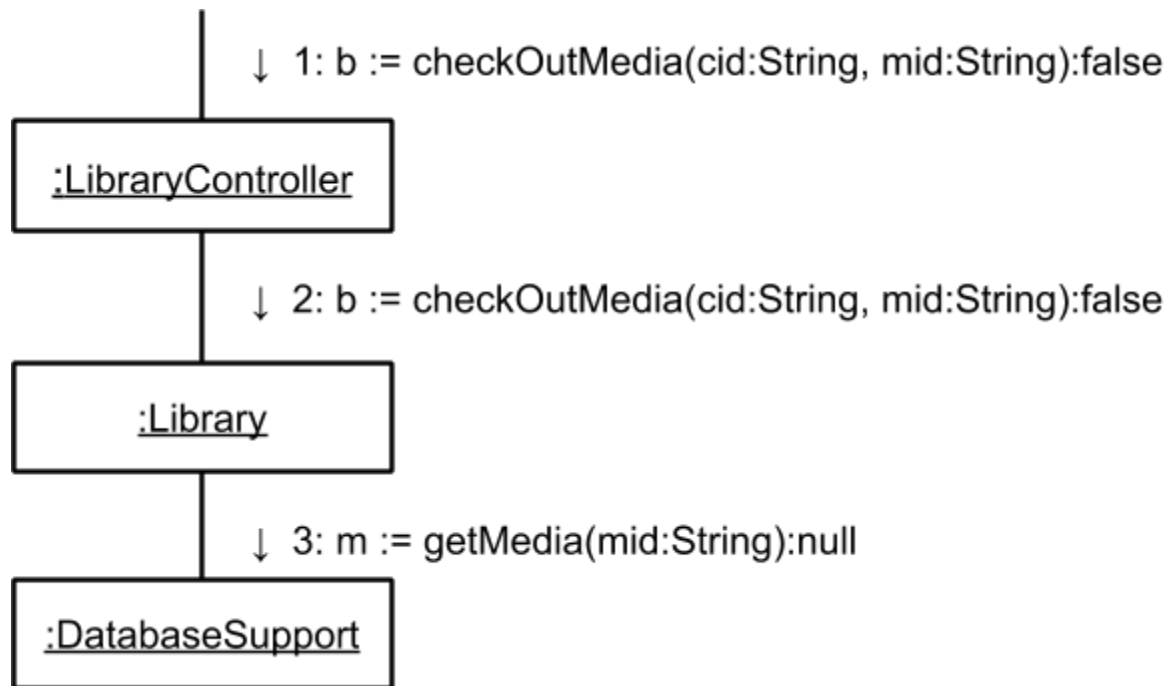
- 1a. Media ID does not exist
 1. System notifies user that media does not exist
- 1b. Customer ID does not exist
 1. System notifies user that the customer does not exist
- 1c. Media is already checked out
 1. System notifies user that the media is already checked out

Information expert: Library

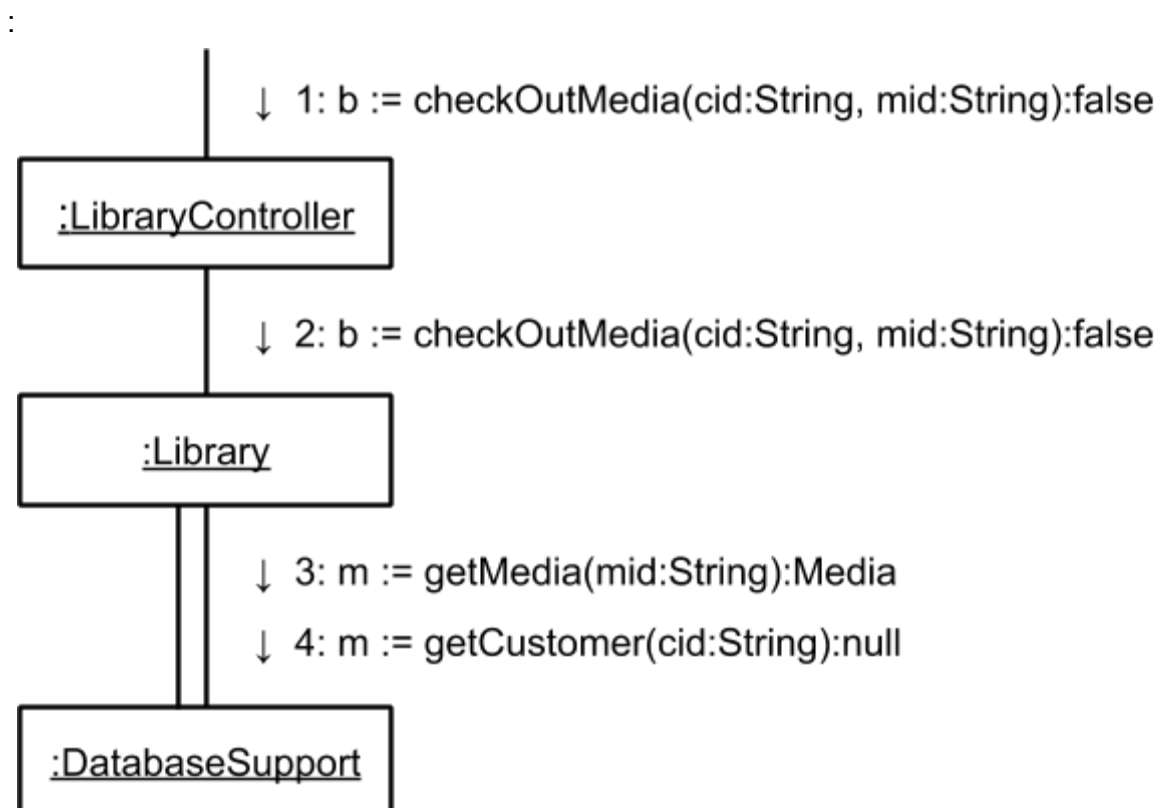
Interaction Diagram:



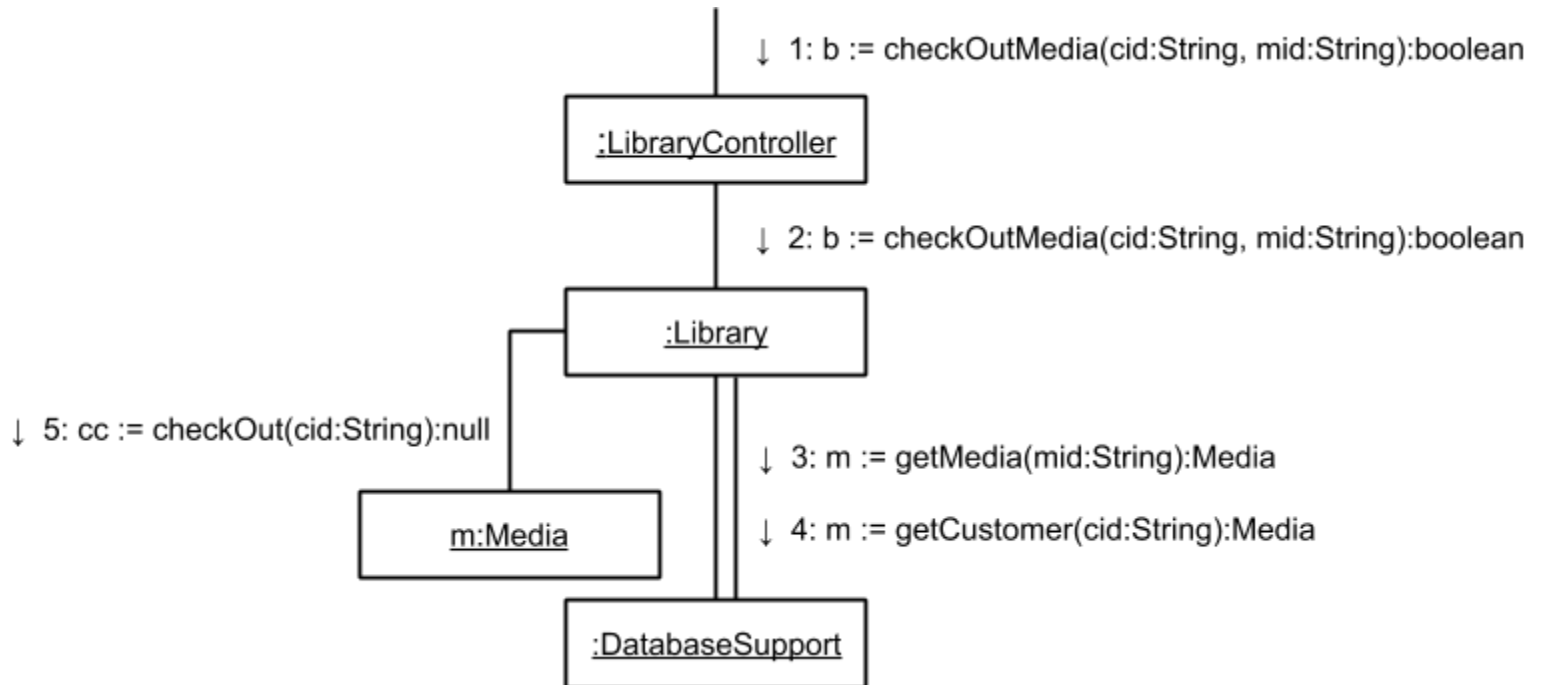
Extension 1a:



Extension 1b:



Extension 1c:



Use Case: Set Late Fee Policy

Actor: Admin

Precondition: Log on with admin privileges

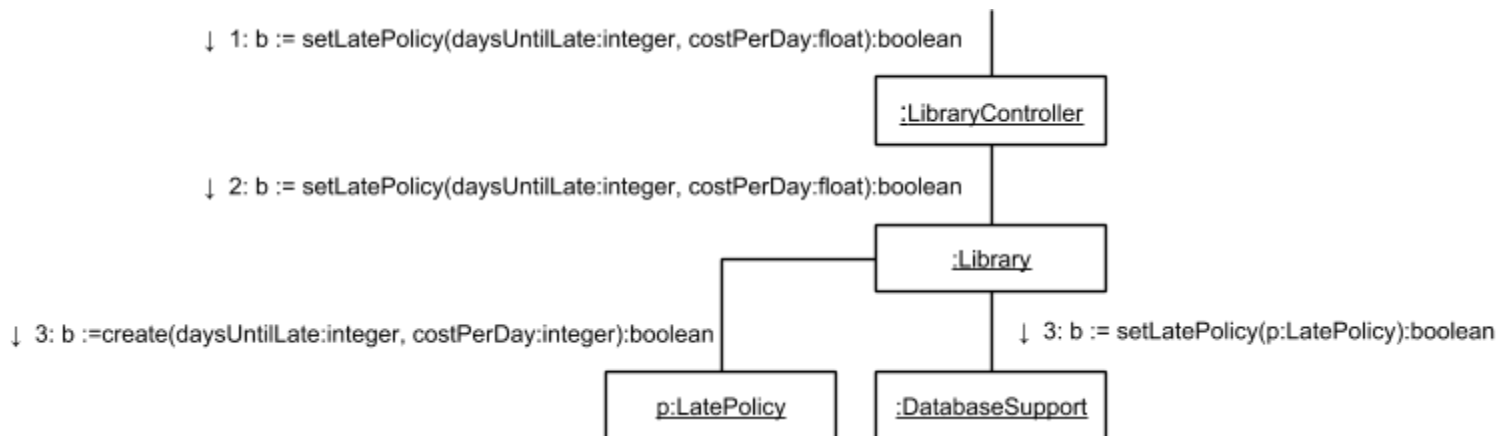
Main Success Scenario:

1. User provides late policy rate (dollar amount) and frequency ([rate] per [frequency] days)
2. System notifies user that late fee policy has been set.

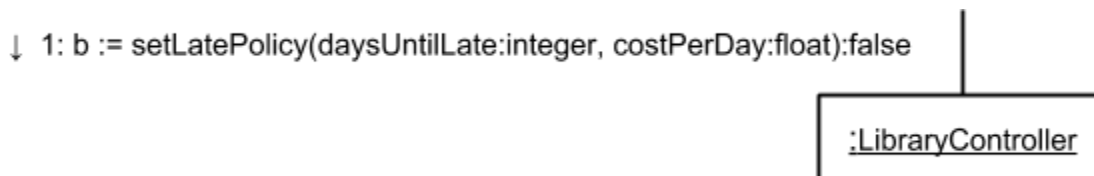
Extensions:

- 1a. Invalid rate (negative, etc.)
 1. System notifies user of the mistake
- 1b. Invalid frequency
 1. System notifies user of the mistake

Interaction Diagram:



Extension 1a:



Extension 1b:

