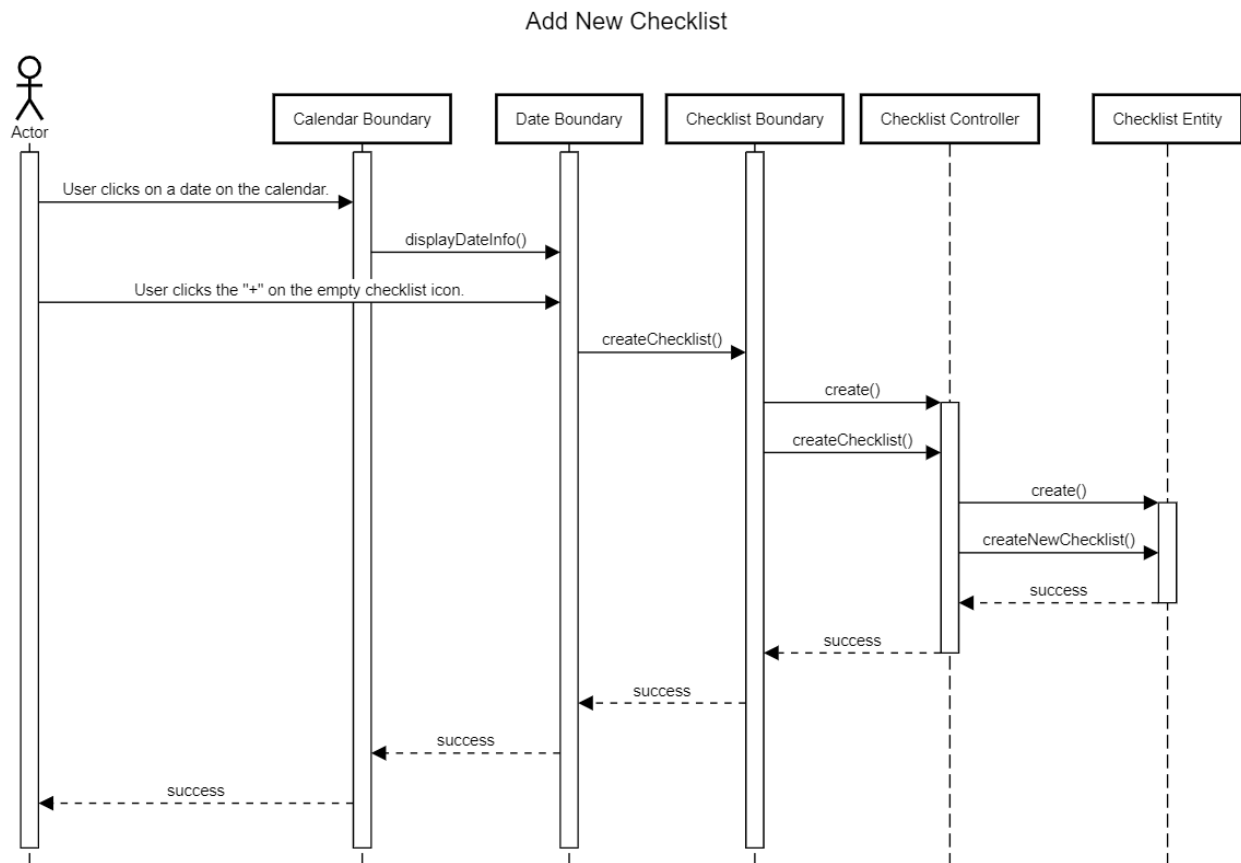# Sequence Diagrams

for

DailyLife

Version 1.0 approved

Prepared by JATH

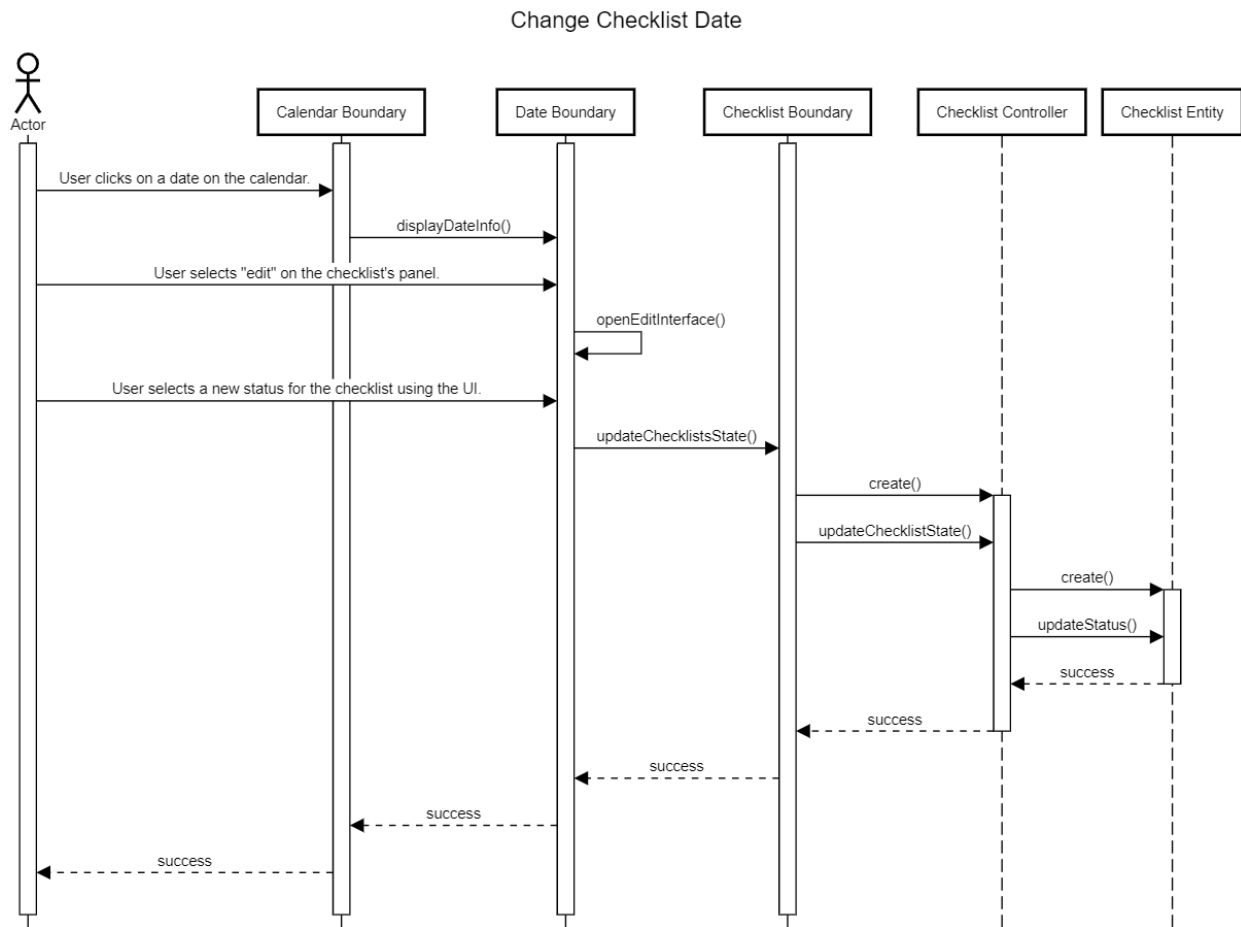## Hoyeon Moon(Team Leader), Audris Gaerlan, Tyler VanLerberghe, Jaspinder Singh
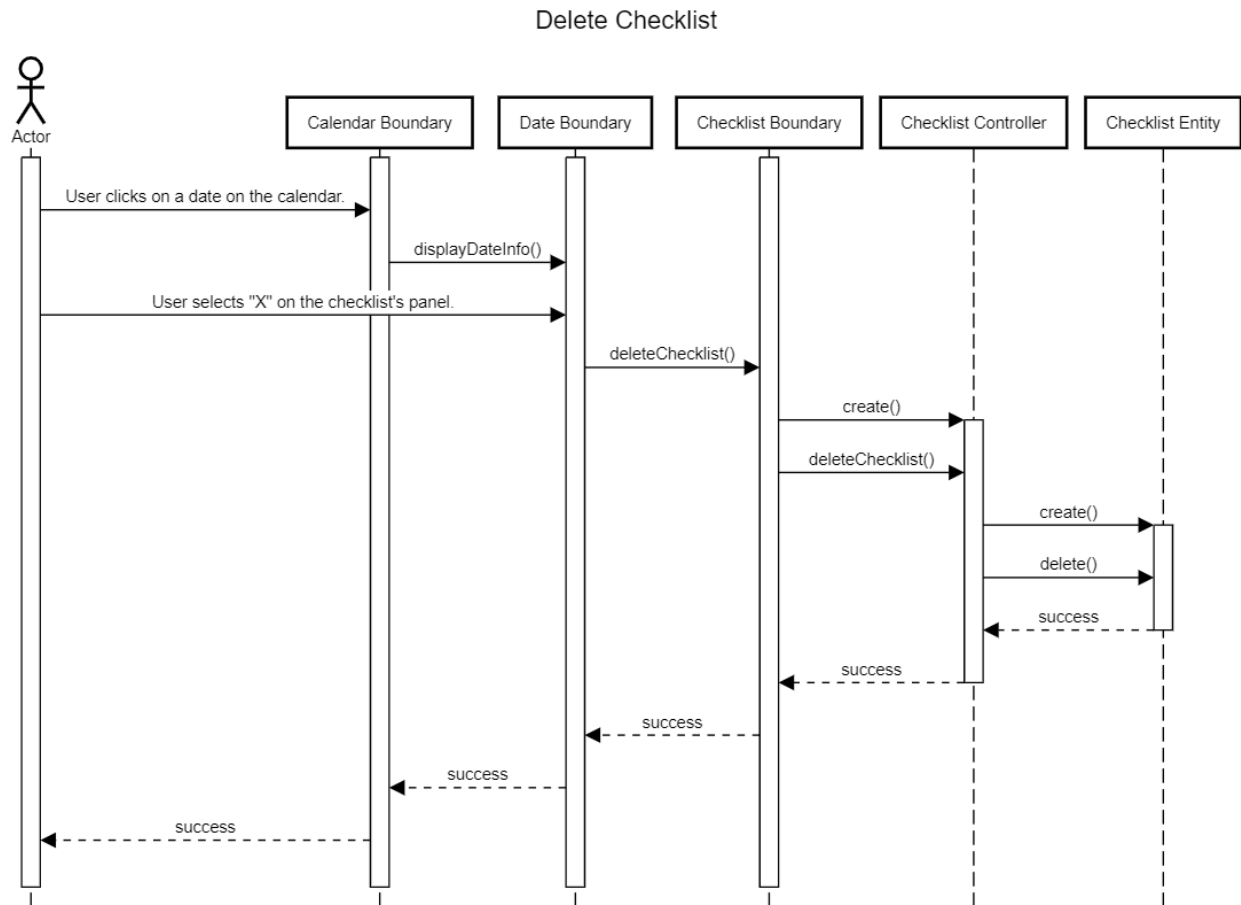
04/23/2022
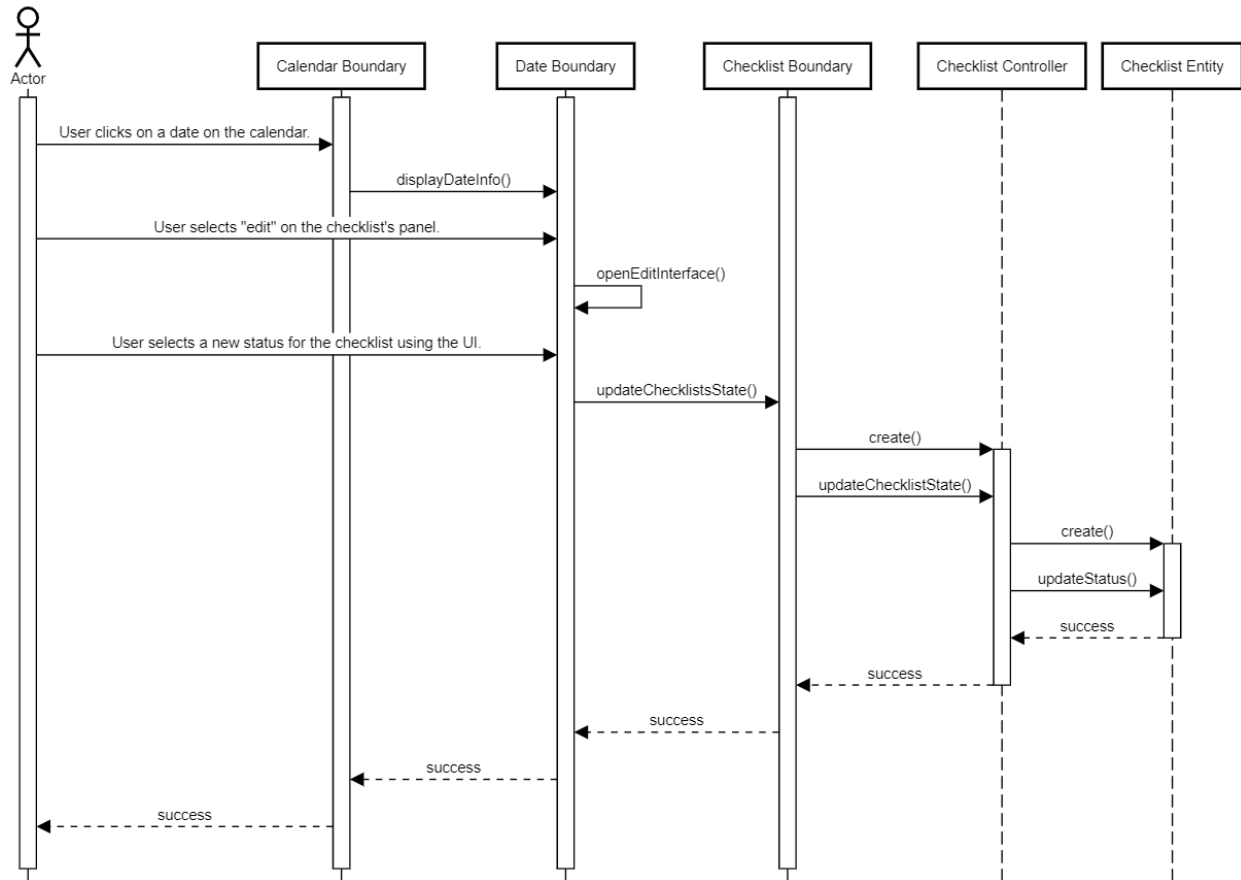
1) Use Case 1: Add Checklist

Add New Checklist

Actor	Calendar Boundary	Date Boundary	Checklist Boundary	Checklist Controller	Checklist Entity

- User clicks on a date on the calendar. → Calendar Boundary
- displayDateInfo() → Date Boundary
- User clicks the "+" on the empty checklist icon. → Date Boundary
- createChecklist() → Checklist Boundary
- create() → Checklist Controller
- createChecklist() → Checklist Controller
- create() → Checklist Entity
- createNewChecklist() → Checklist Entity
- success (Checklist Entity → Checklist Controller)
- success (Checklist Controller → Checklist Boundary)
- success (Checklist Boundary → Date Boundary)
- success (Date Boundary → Calendar Boundary)
- success (Calendar Boundary → Actor)

2) Use Case 2: Change Checklist Date

Change Checklist Date

3) Use Case 3: Delete Checklist

Delete Checklist

Actor	Calendar Boundary	Date Boundary	Checklist Boundary	Checklist Controller	Checklist Entity

User clicks on a date on the calendar. →

displayDateInfo() →

User selects "X" on the checklist's panel. →

deleteChecklist() →

create() →

deleteChecklist() →

create() →

delete() →

success

success

success

success

success

4) Use Case 4: Mark Checklist Status

Mark Checklist Status

5) Use Case 5: Add Tags to Checklist
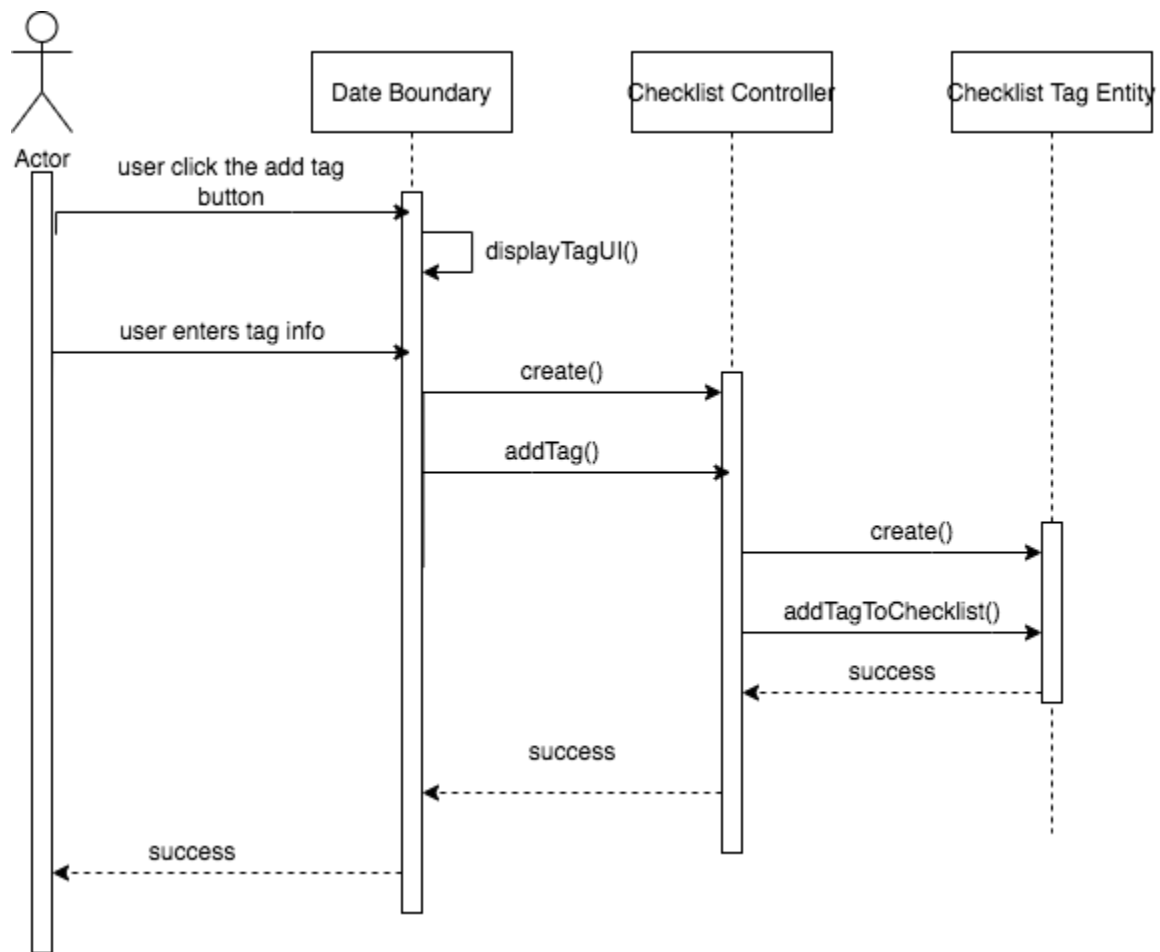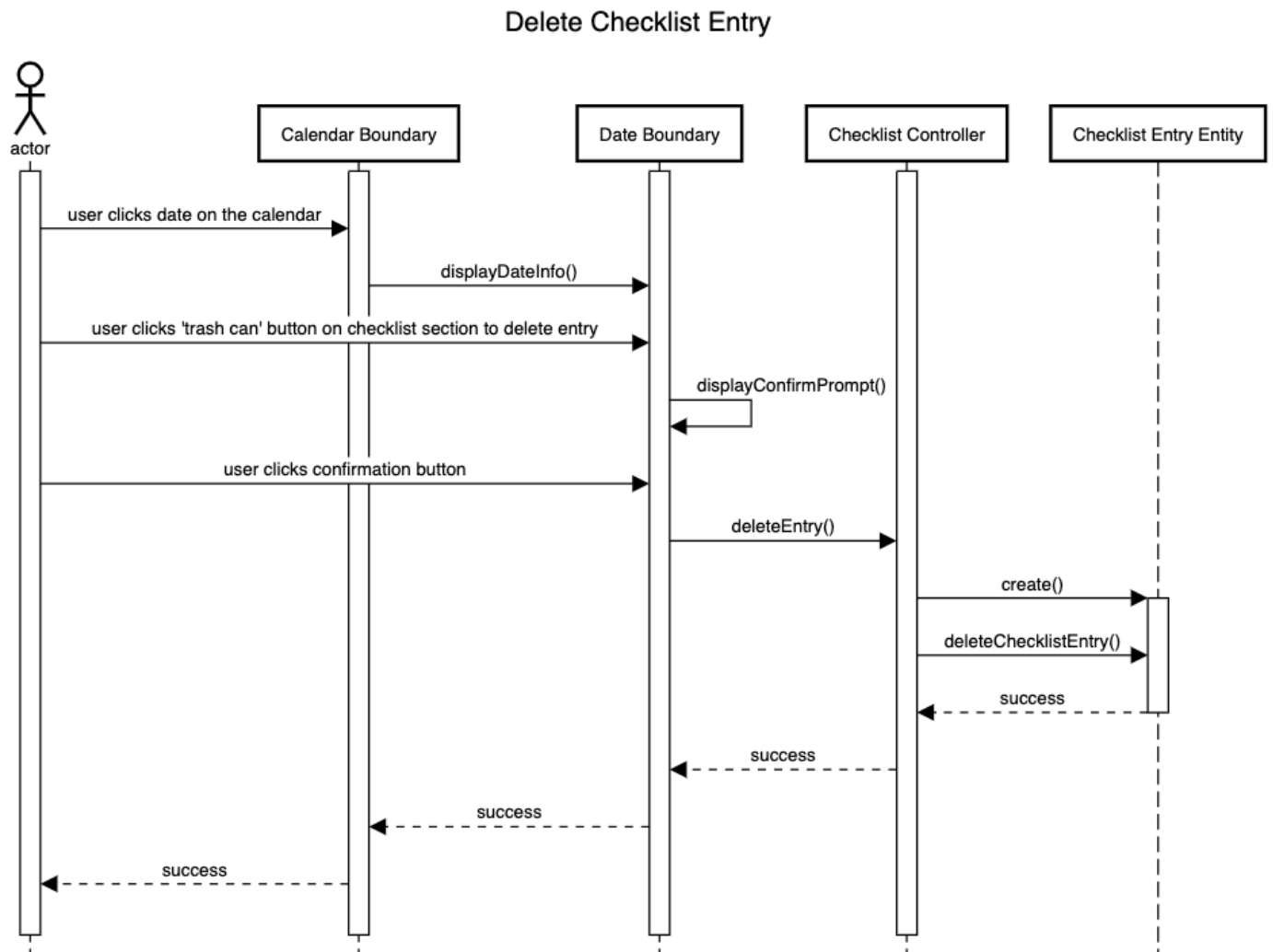
6) Use Case 6: Search Tags

Search Tag
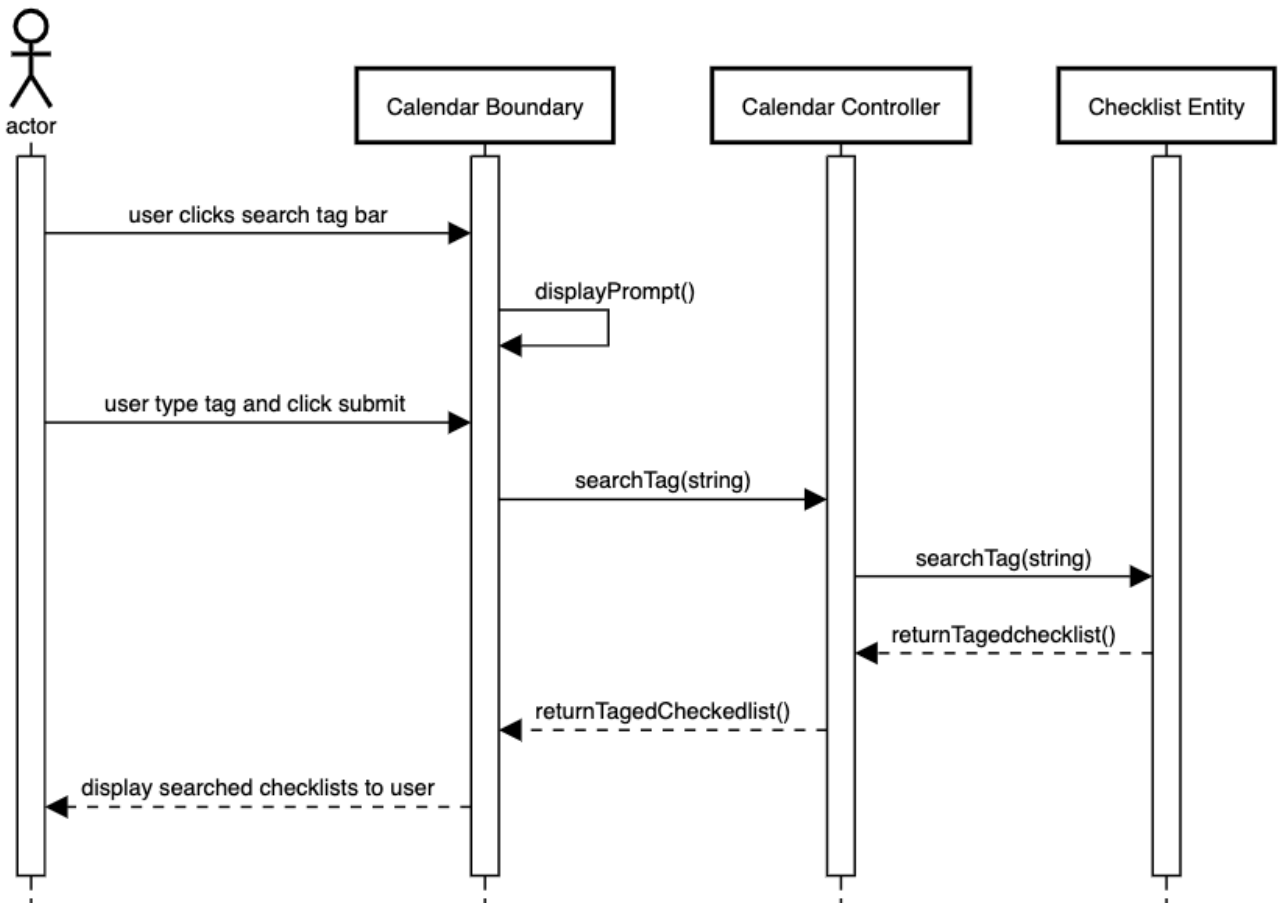
7) Use Case 7: Add Checklist Entry

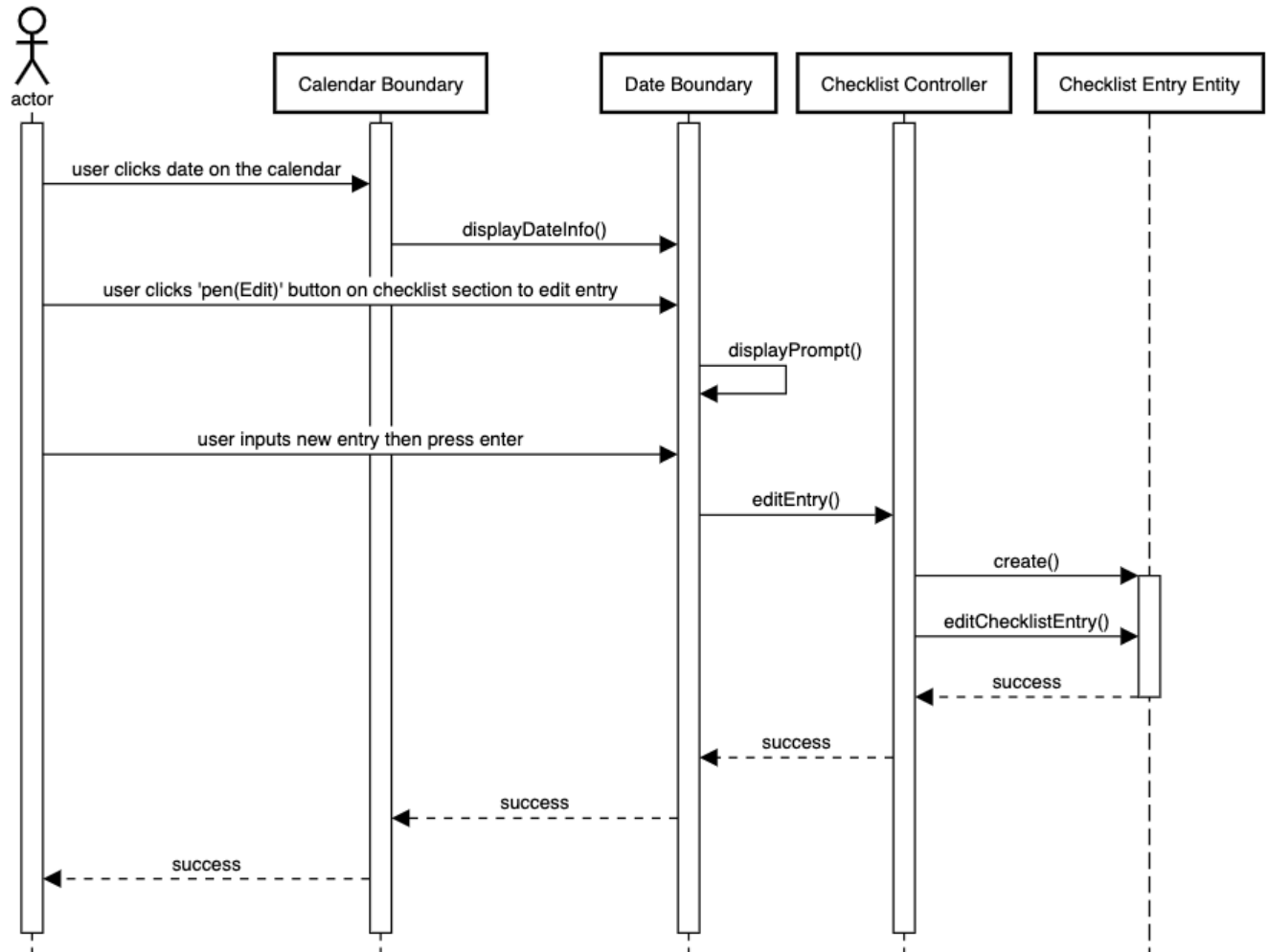## Add Checklist Entry
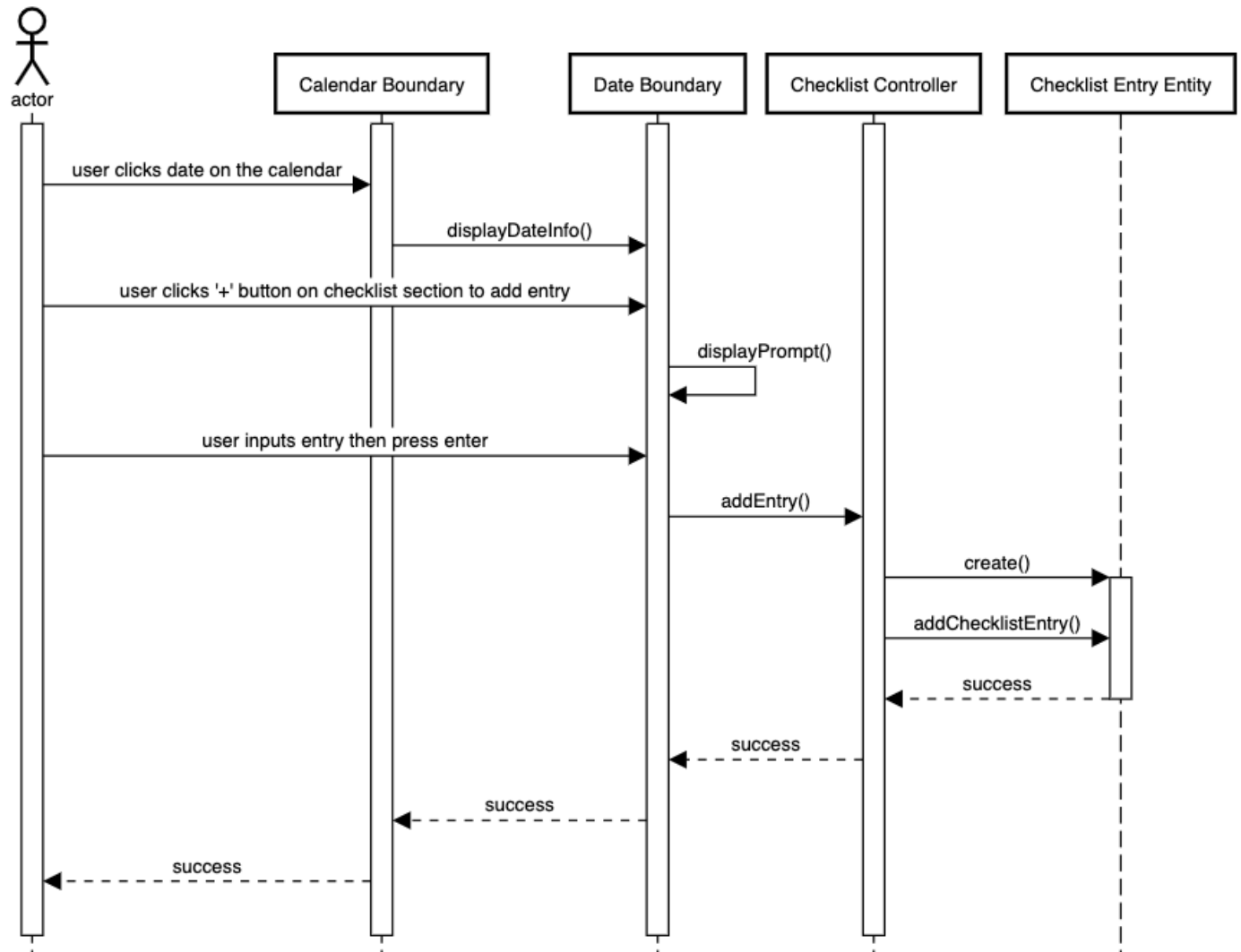
8) Use Case 8: Delete Checklist Entry
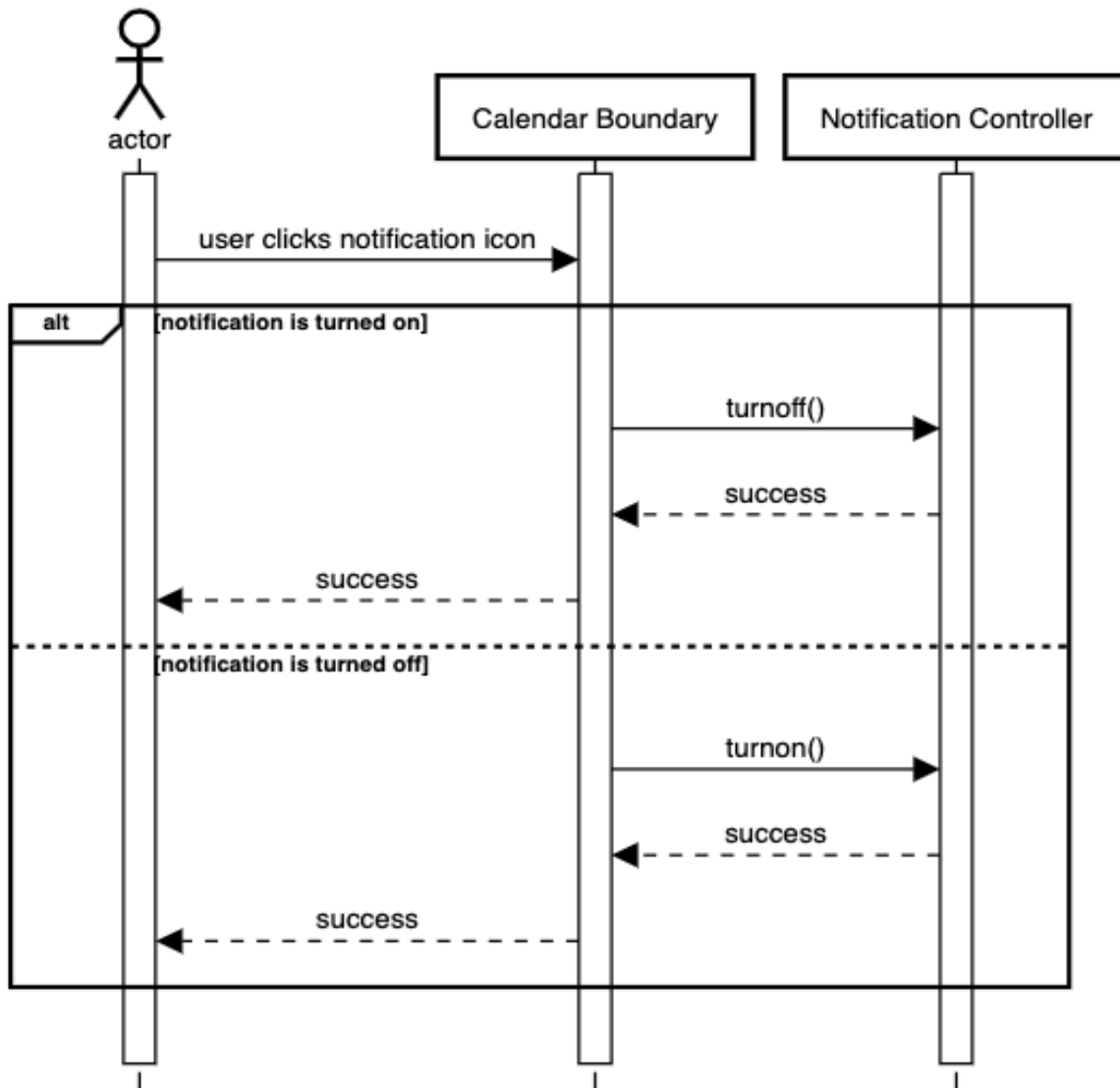
Delete Checklist Entry
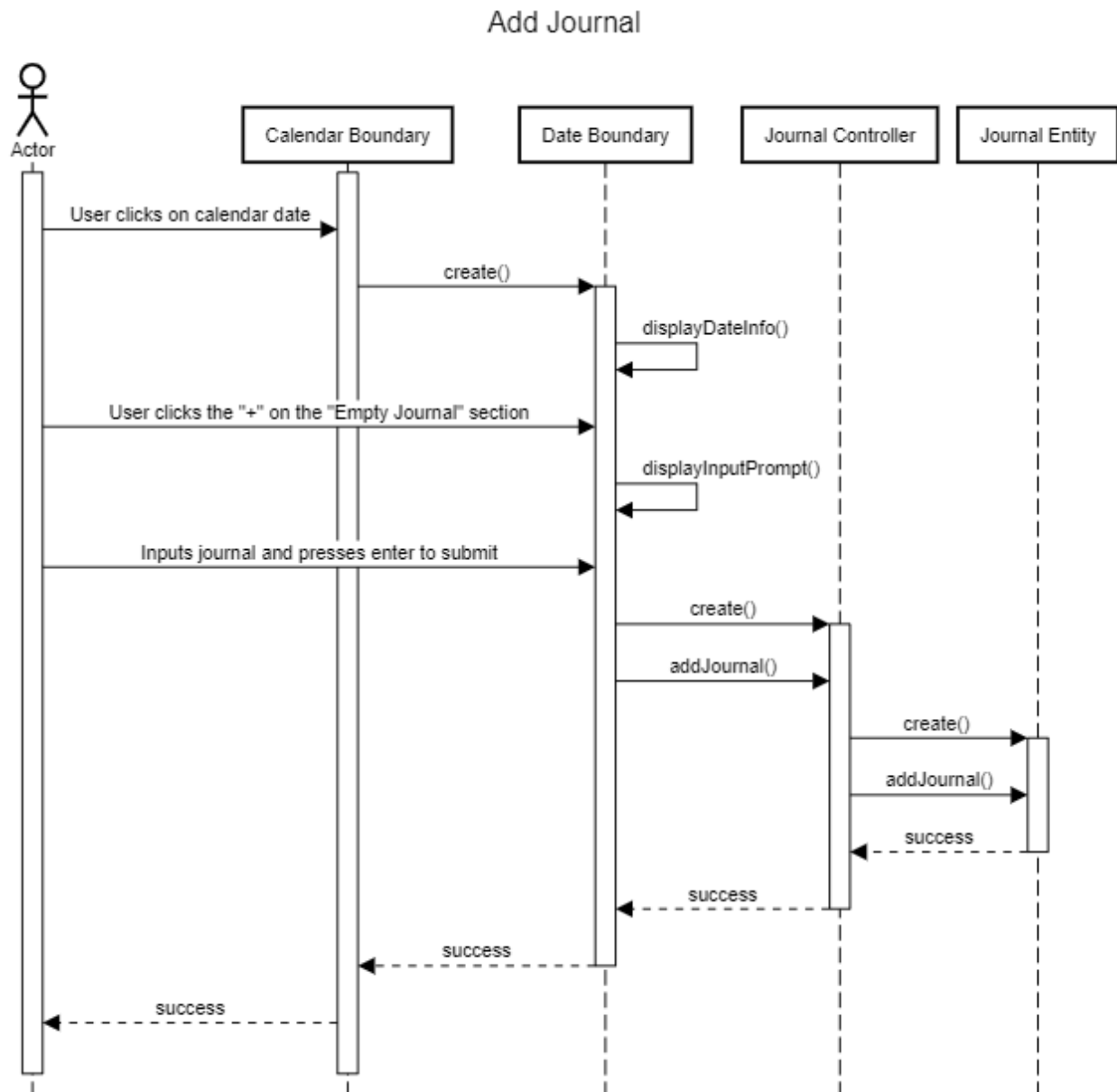
9) Use Case 9: Edit Checklist Entry

Edit Checklist Entry

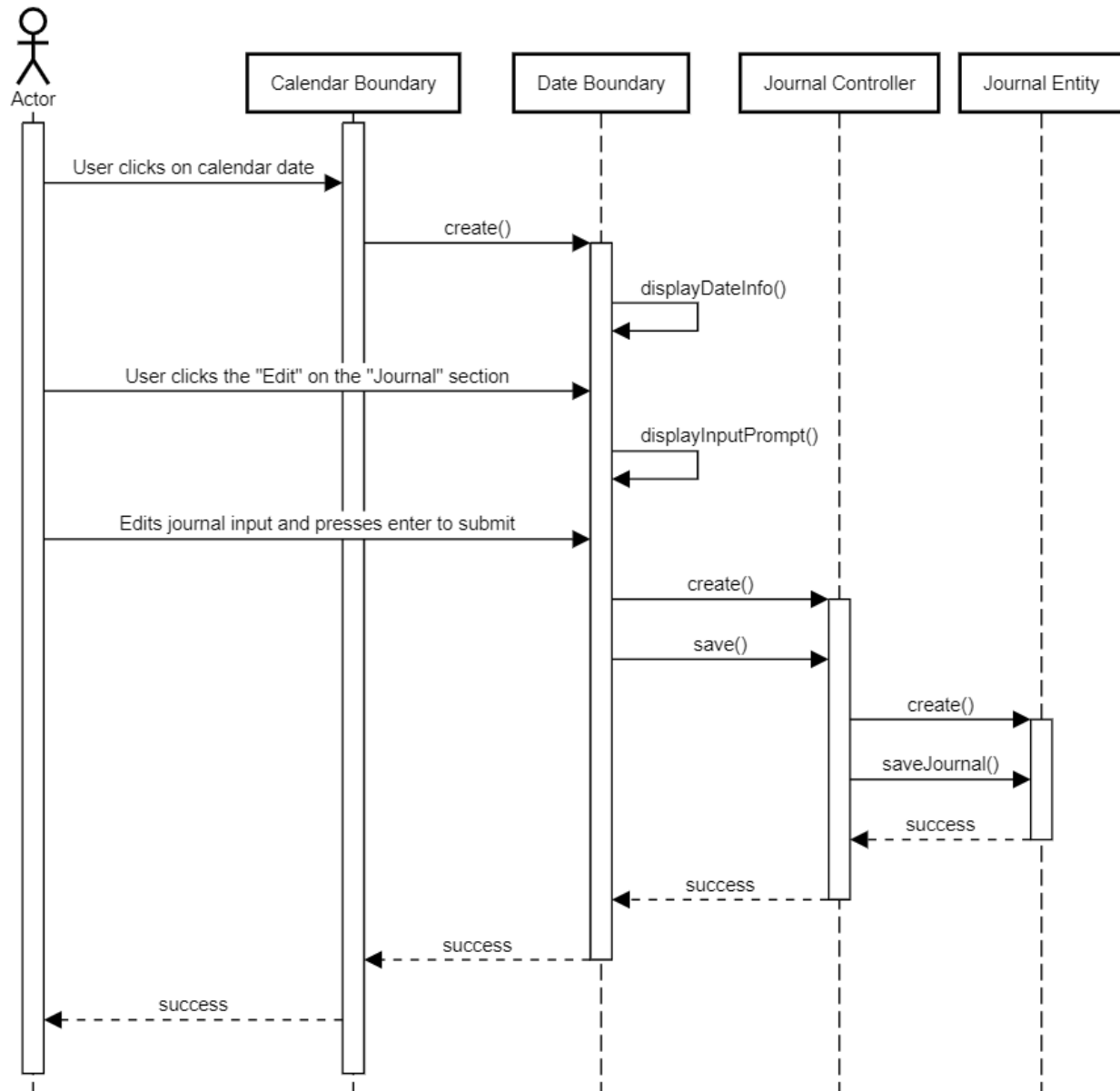10) Use Case 10: Disable/Enable Notifications

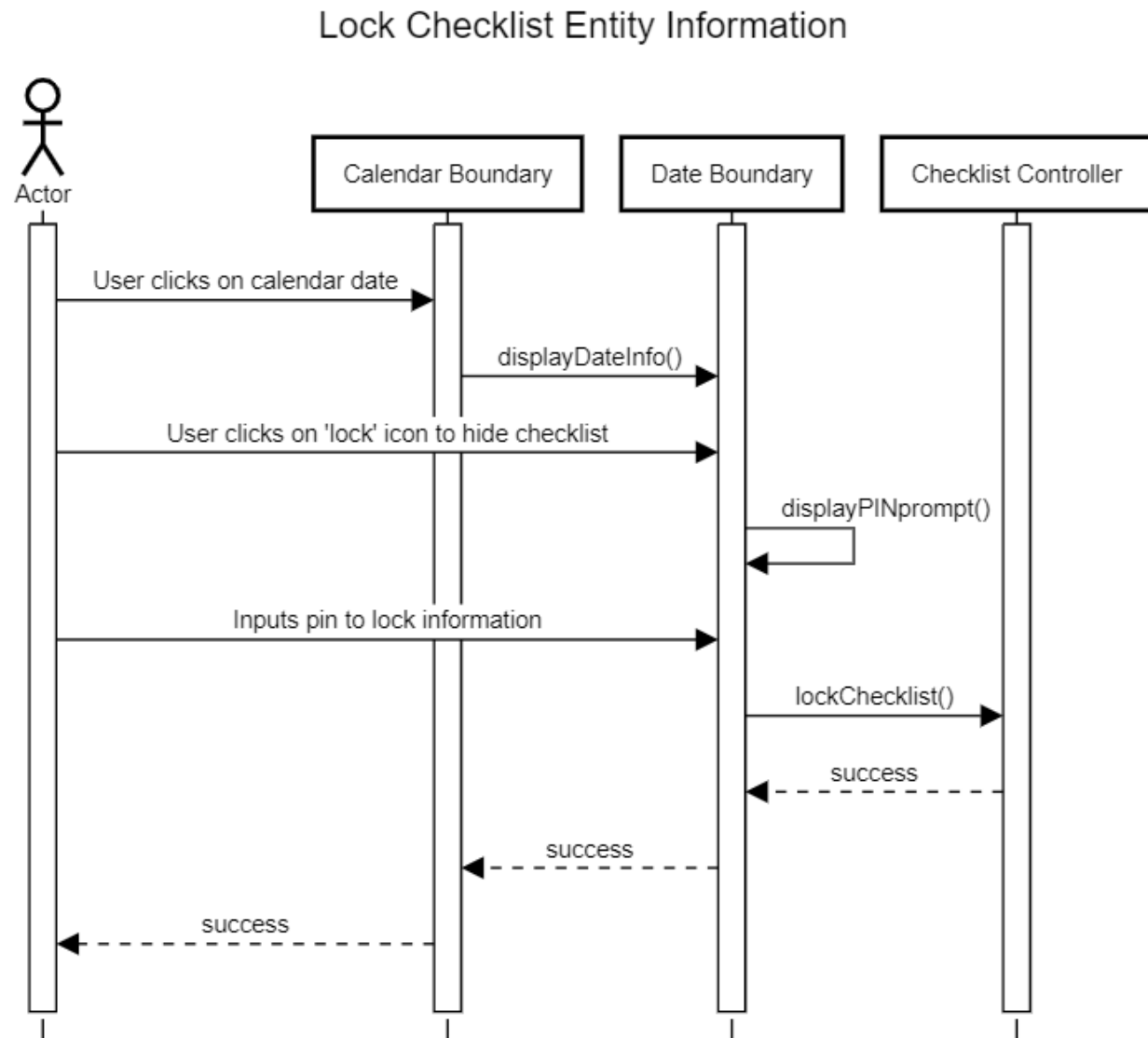## Disable/Enable Notification

11) Use Case 11: Add Journal

Add Journal

12) Use Case 12: Edit Journal

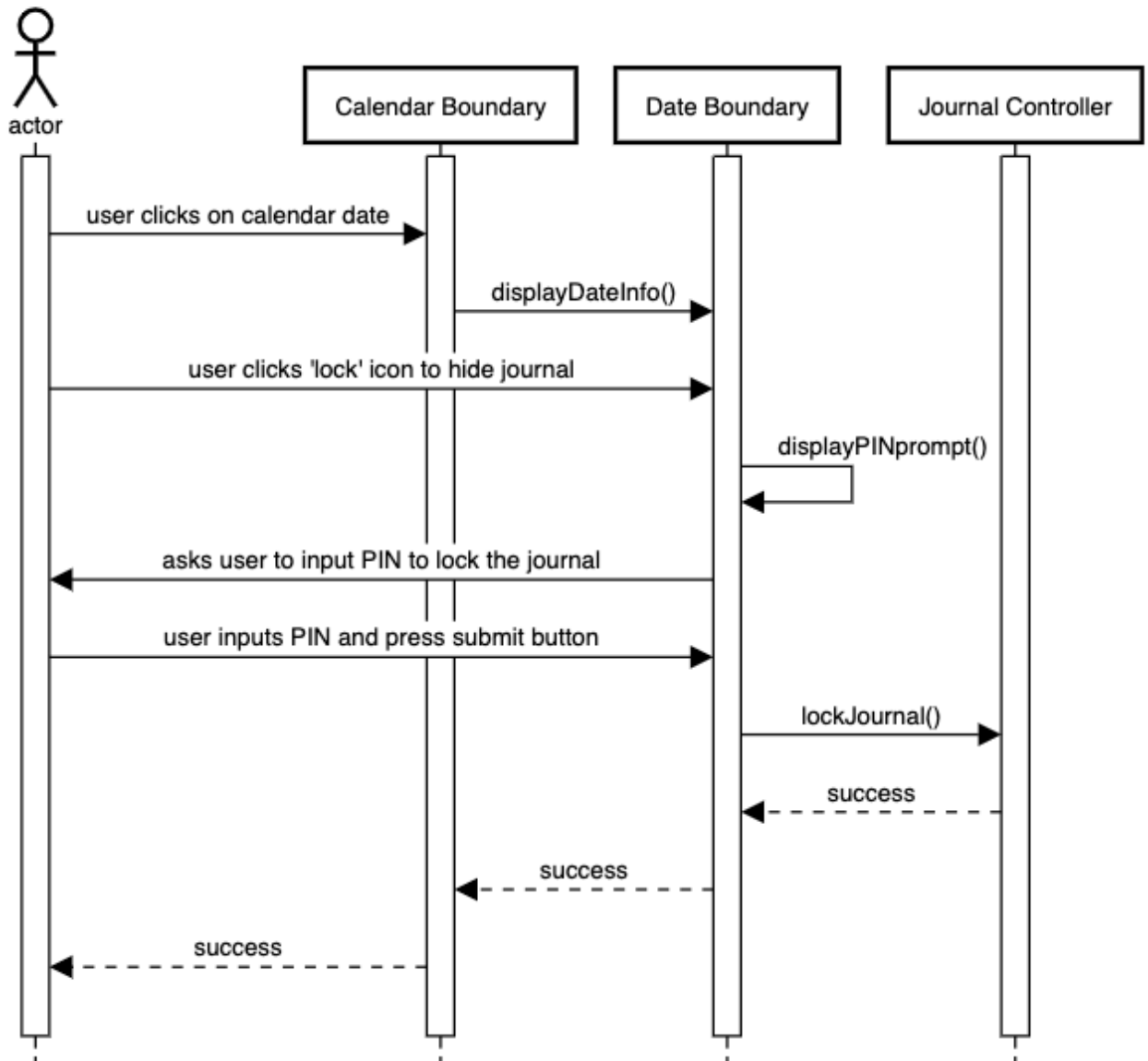Edit Journal

13)

a) Use Case 13-1: Lock Checklist Entity Information
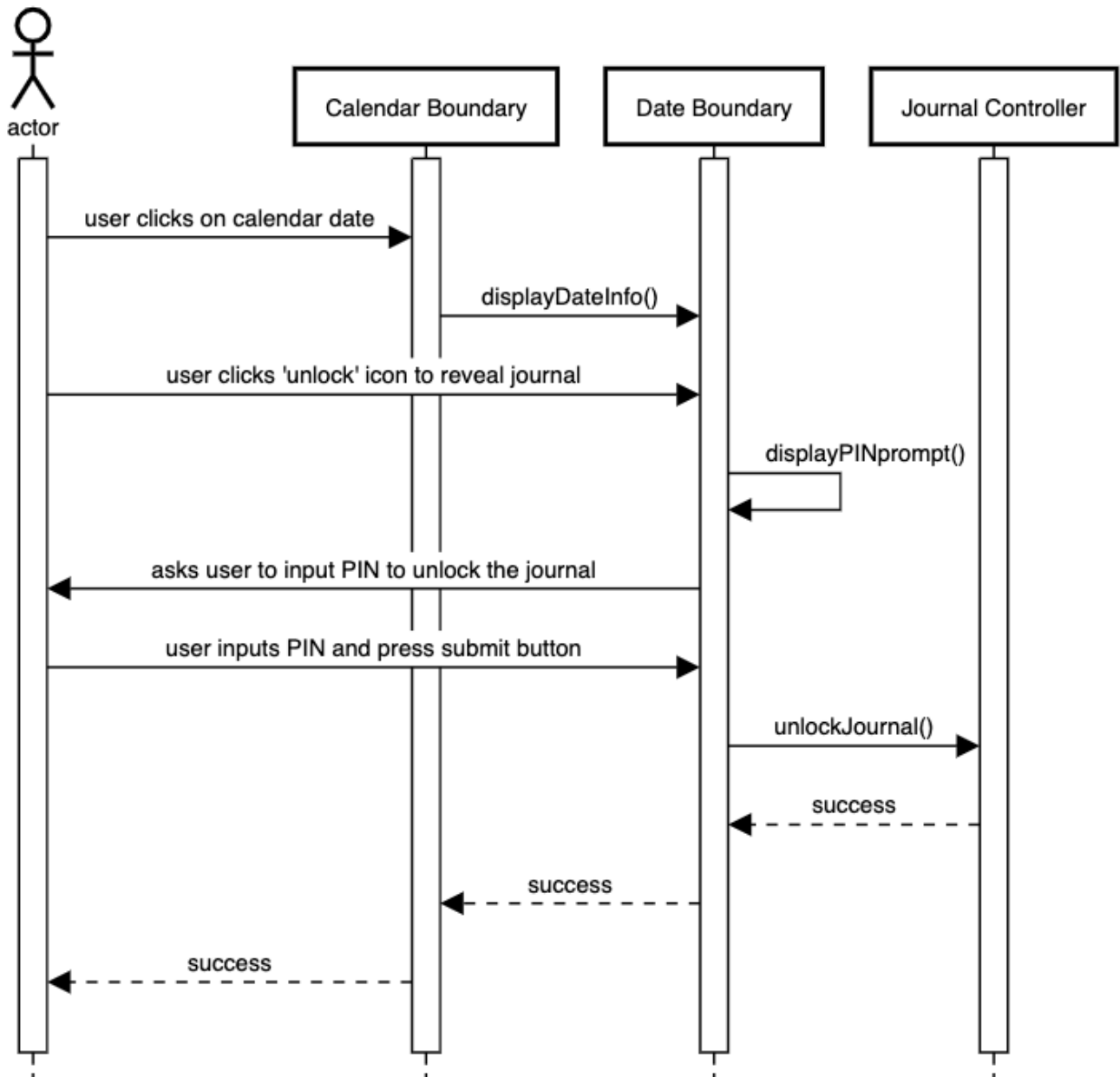
Lock Checklist Entity Information

b) Use Case 13-2: Lock Journal Information

Lock Journal Information

14) a) Use Case 14-1: View Locked Journal

View Locked Journal

actor

Calendar Boundary

Date Boundary

Journal Controller

user clicks on calendar date

displayDateInfo()

user clicks 'unlock' icon to reveal journal

displayPINprompt()

asks user to input PIN to unlock the journal

user inputs PIN and press submit button

unlockJournal()

success

success

success

b) Use Case 14-2: View Locked Checklist Entry

View Locked Checklist Entry

| | Calendar Boundary | Date Boundary | Checklist Controller |

actor

user clicks on calendar date →

displayDateInfo() →

user clicks 'unlock' icon to reveal the entry →

displayPINprompt()

← asks user to input PIN to unlock the entry

user inputs PIN and press submit button →

unlockEntry() →

← success

← success

← success
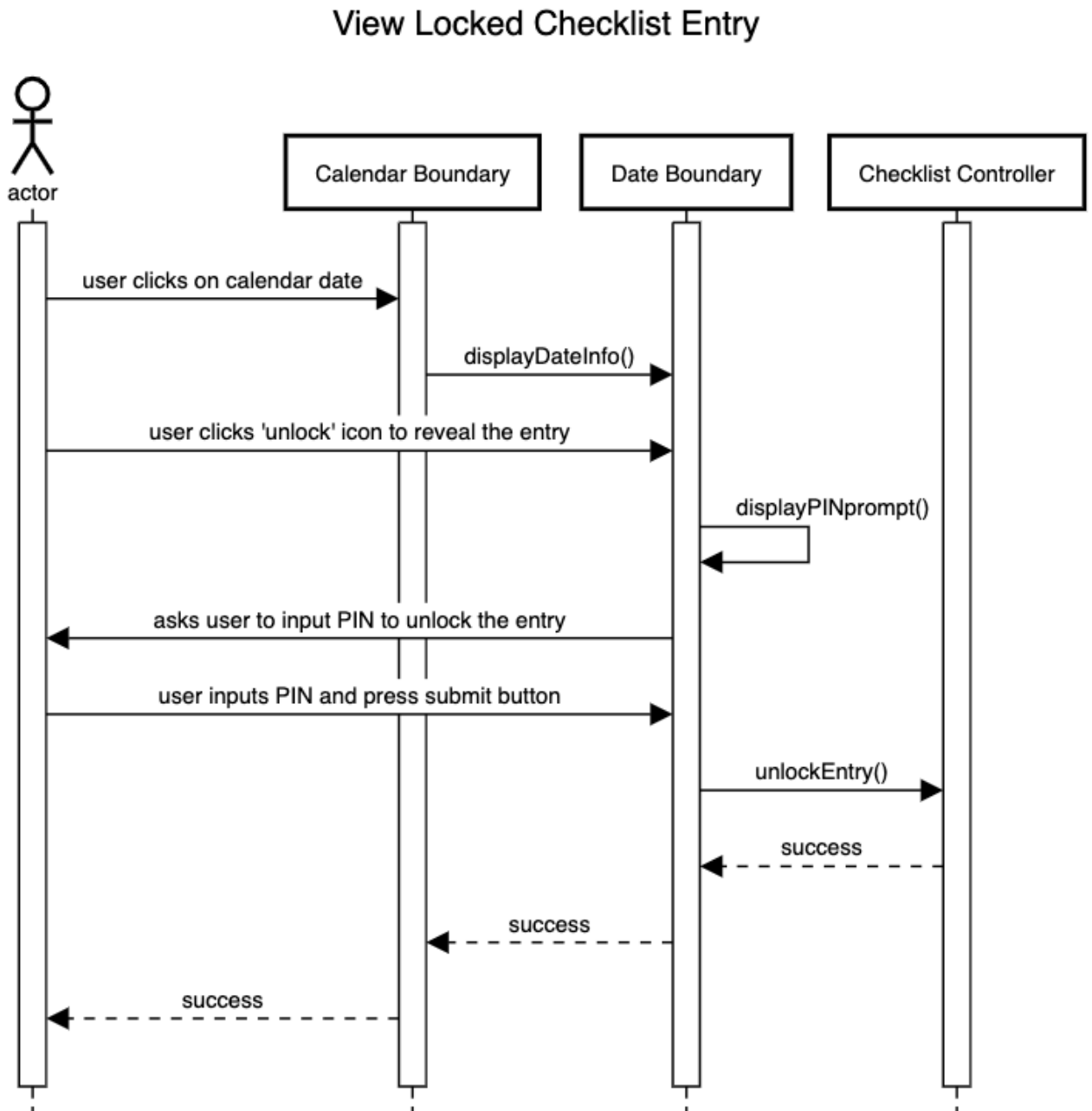
15) Use Case 15: Create PIN
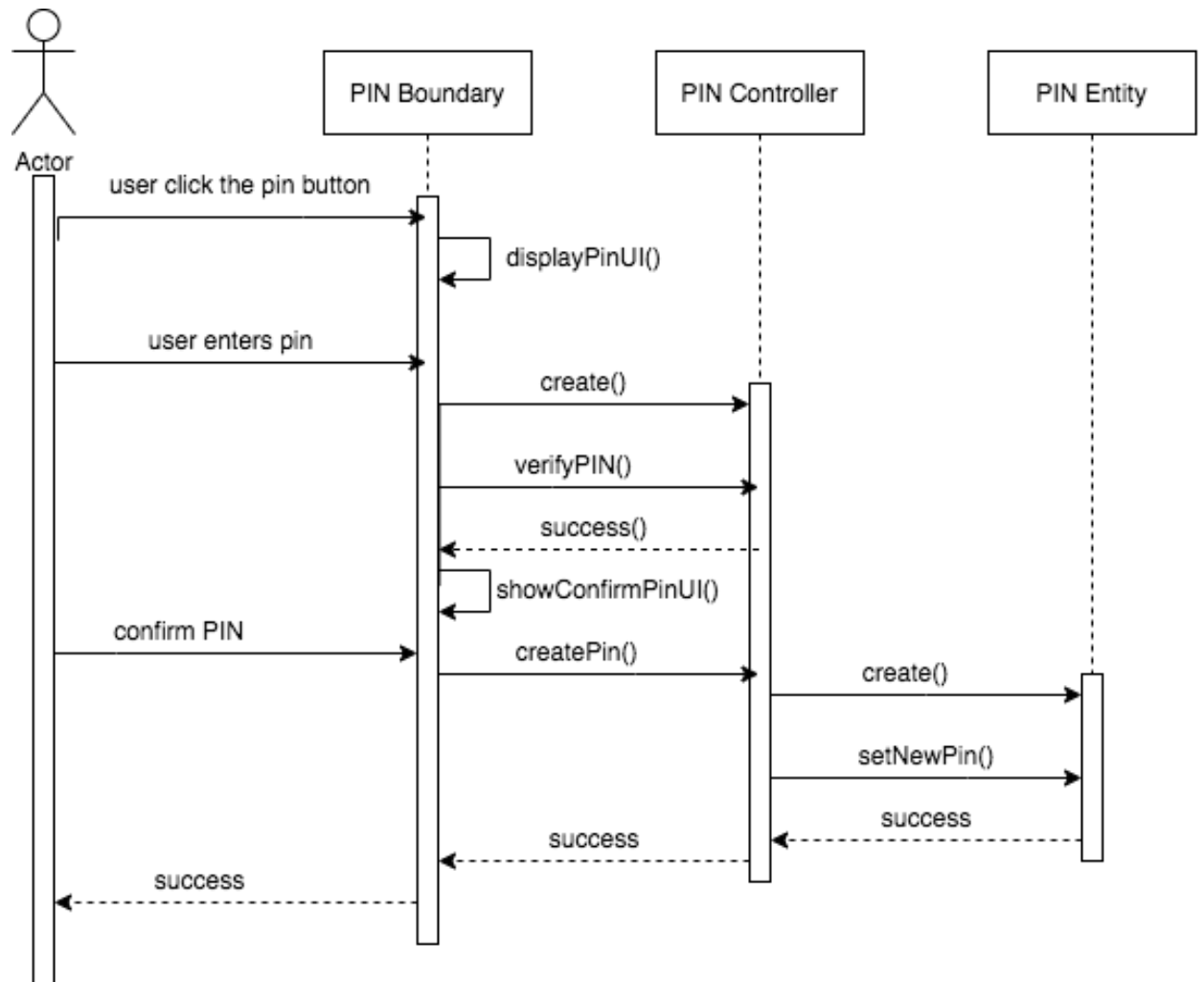
16) Use Case 16: Edit PIN
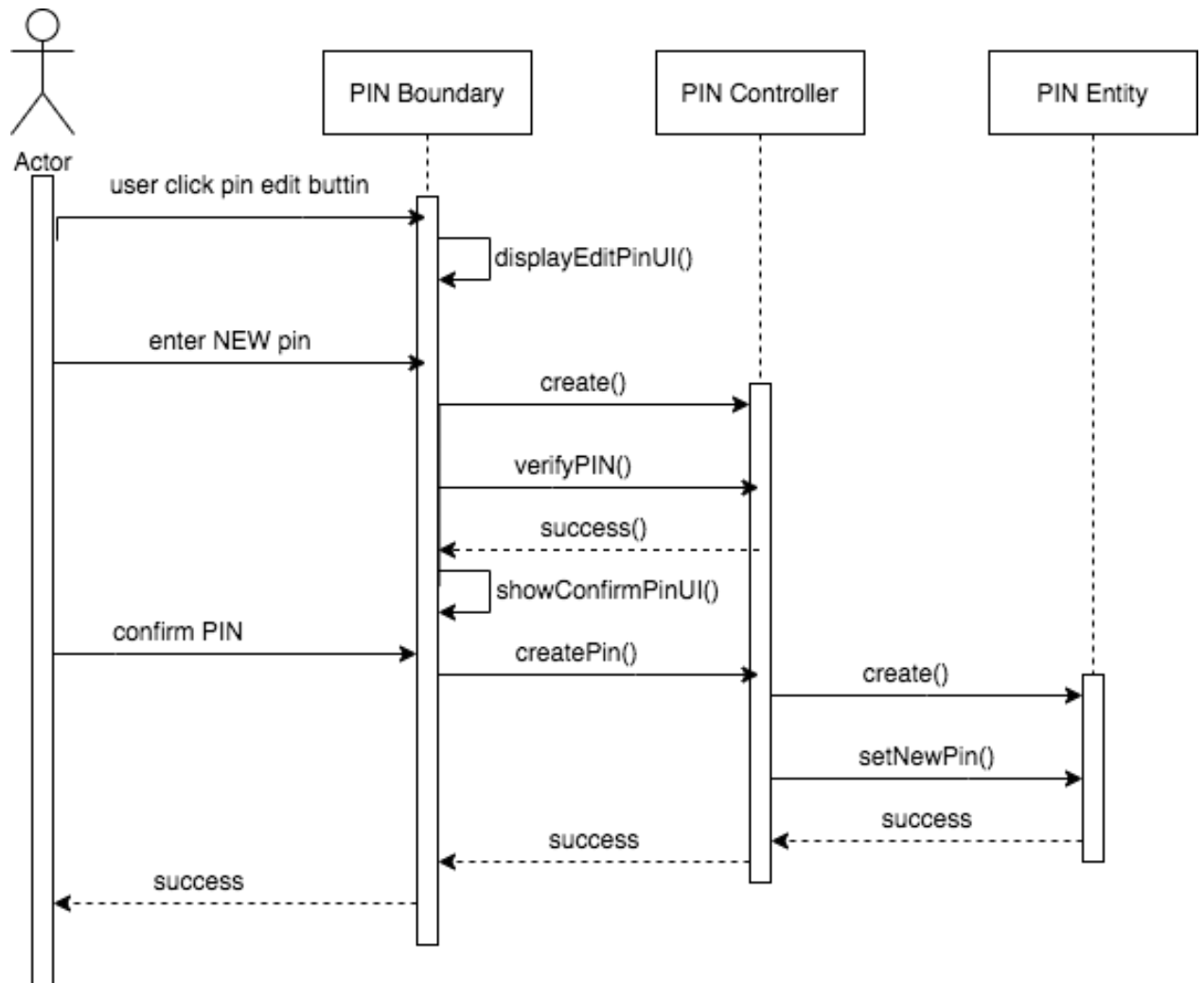
17) Use Case 17: Go Back to Previous Page

Go back to previous page