Use Case

MULPLEX MANAGEMENT SYSTEM

Manage Users

Manage Customers

Manage Booking

Manage Seats

Manage Shows
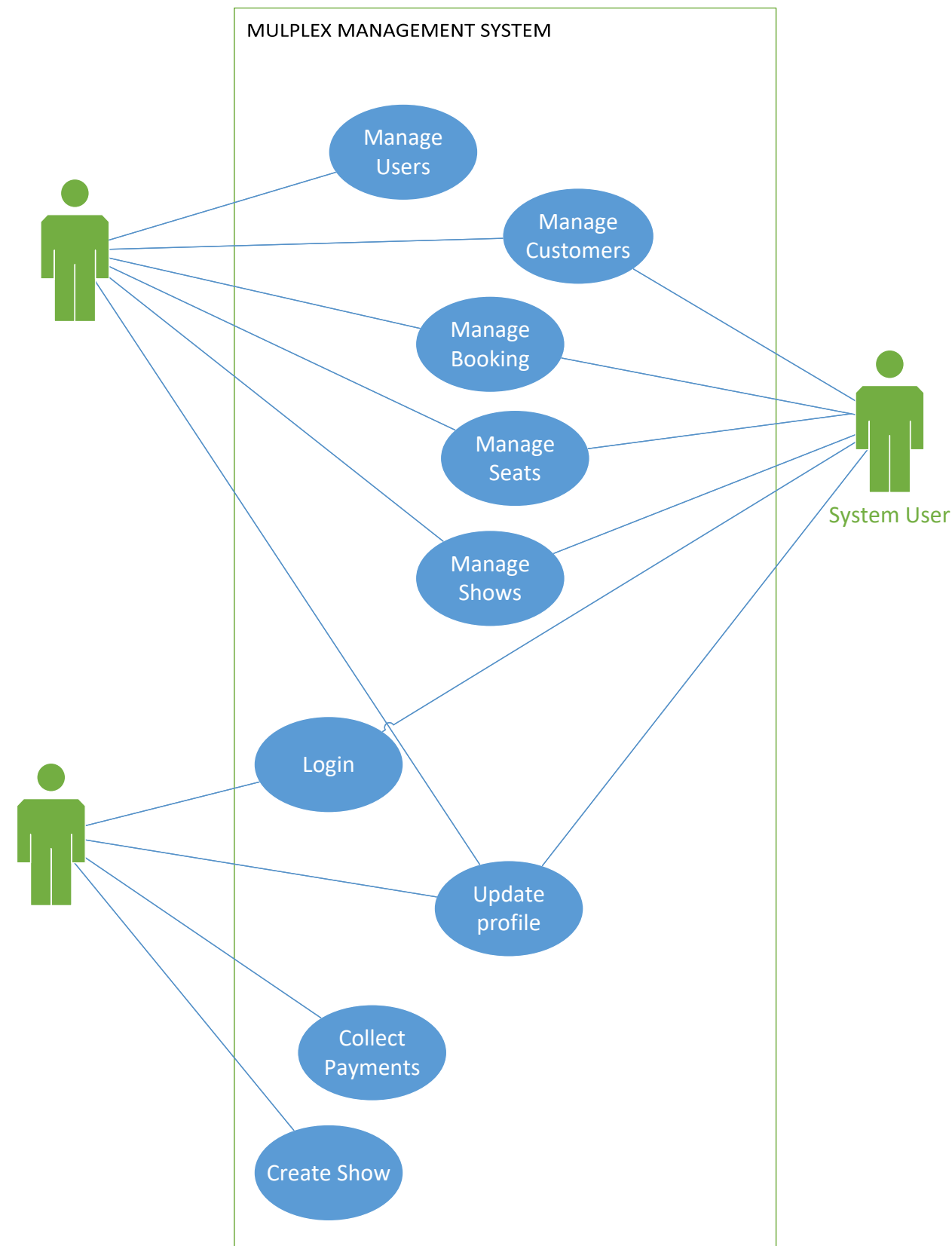
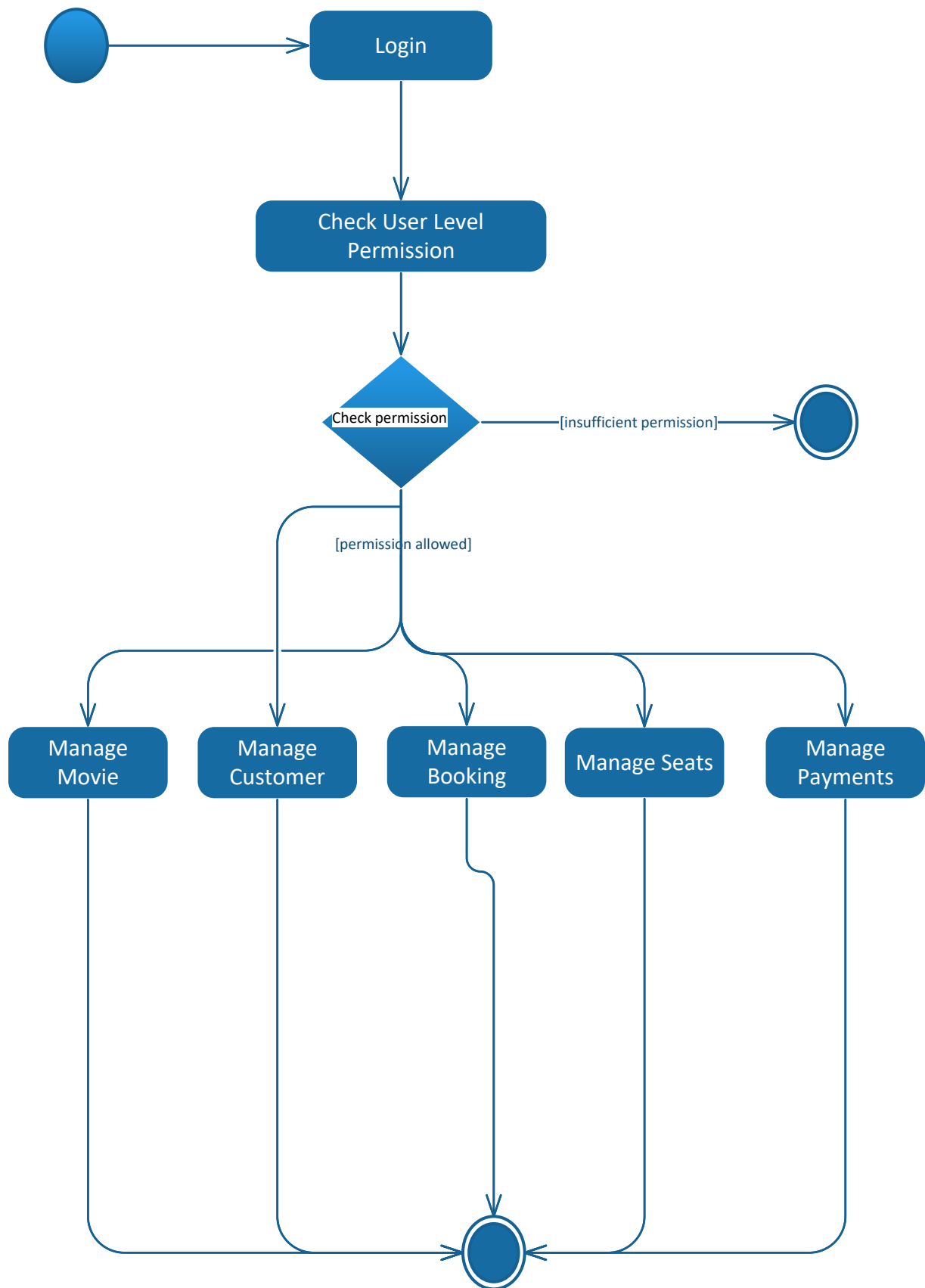System User

Login

Update profile
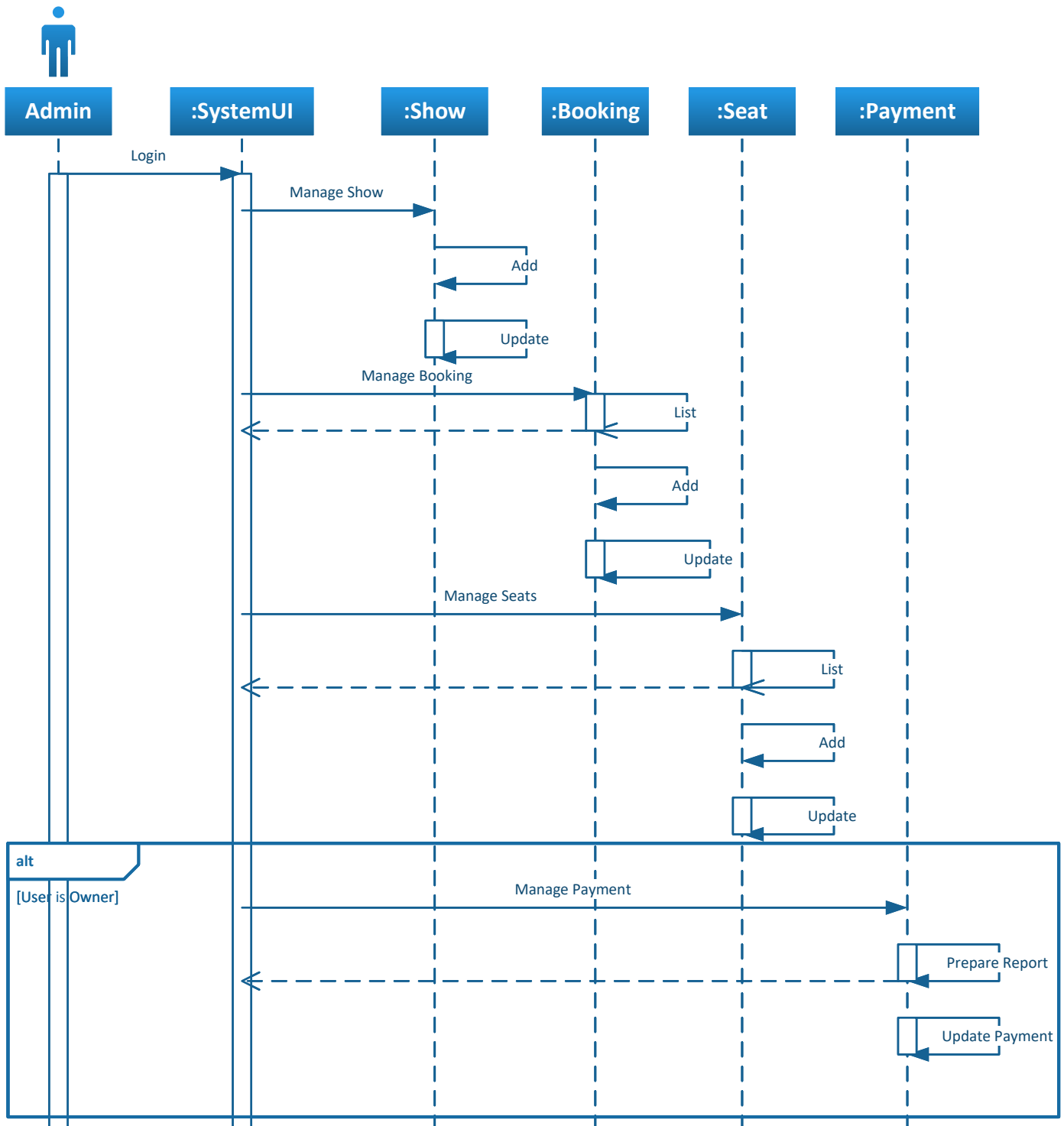
Collect Payments

Create Show

ONLINE MULTIPLEX MOVIE THEATRE MANAGEMENTSYSTEM ON USE CASE DIAGRAM

Activity

ONLINE MULTIPLEX MOVIE THEATRE MANAGEMENTSYSTEM ON ACTIVITY
DIAGRAM

Sequence

Admin   **:SystemUI**   **:Show**   **:Booking**   **:Seat**   **:Payment**

Login

Manage Show

Add

Update

Manage Booking

List

Add

Update

Manage Seats

List

Add

Update

alt

[User is Owner]

Manage Payment

Prepare Report

Update Payment

ONLINE MULTIPLEX MOVIE THEATRE MANAGEMENTSYSTEM
ON SEQUENCE DIAGRAM

Class

Role

-id
-name
- -
+addRole()
+editRole()
+deleteRole()
+assignRole()

Permission

-id
-title
-description
- -
+addPermission()
+editPermission()
+deletePermission()

User

-id
-name
-dispalyName
- -
+addUser()
+editUser()
+deleteUser()

Payment

-id
-paymentType
-paymentDateTime
-paymentAmount
- -
+cancelPayment()
+refund()
+getStatus()

Booking

+deletBooking()
-id
-dateTime
-customerName
-customerContact
- -
+addBoking()
+editBooking()

Seat

-id
-number
-seatClass
-price
- -
+getStatus()
+book()
+cancelBooking()
+addSeat()
+editSeat()

Show

-id
-name
-date
-time
- -
+addShow()
+editShow()
+deleteShow()
+setShowDateTime()

ONLINE MULTIPLEX MOVIE THEATRE MANAGEMENTSYSTEM ON
CLASS DIAGRAM

State

New

addShow()

setShowTime()

Open

[showDateTime >= currentDateTime]

[showDateTime <= currentDateTime]

Closed
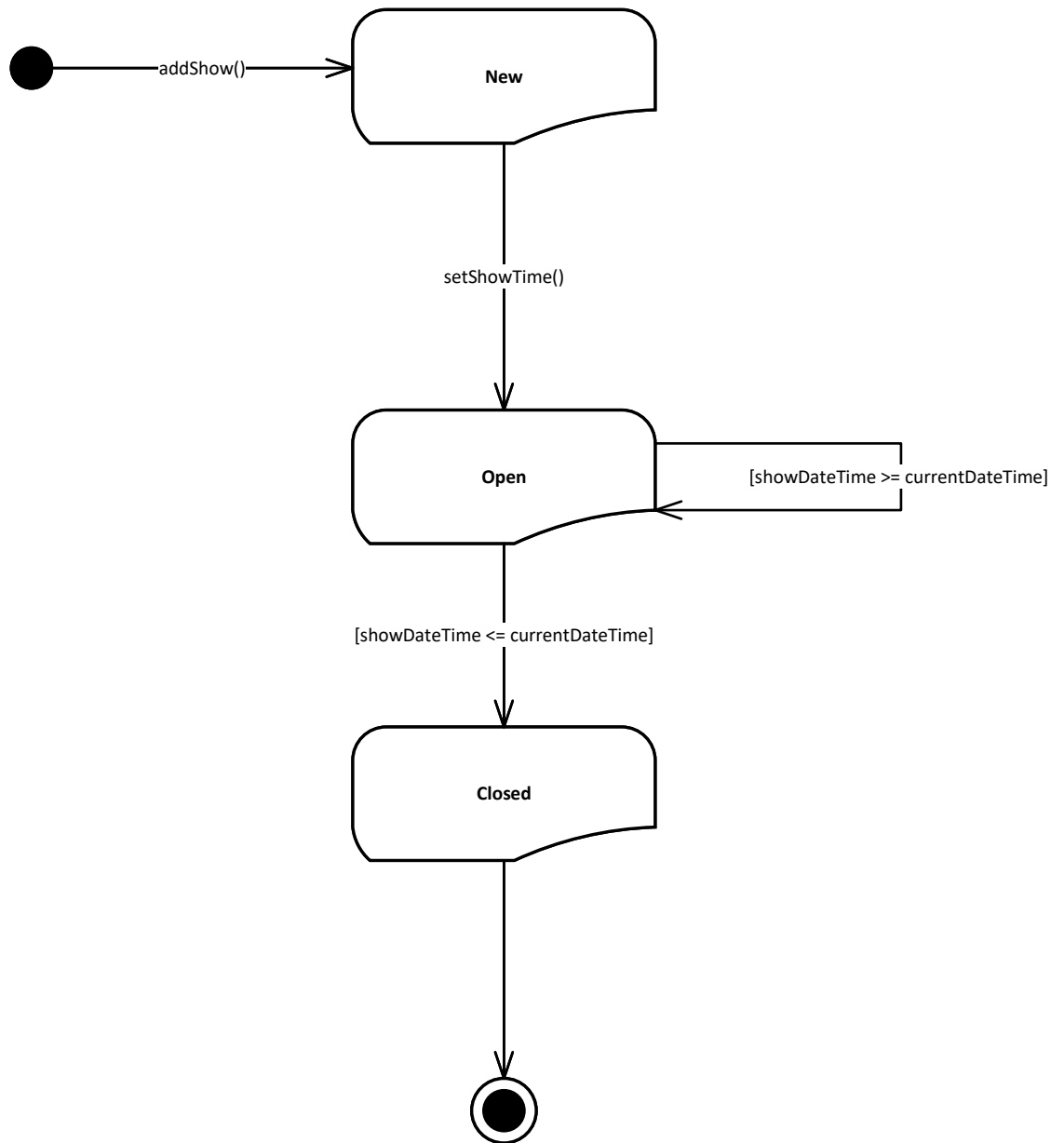
ONLINE MULTIPLEX MOVIE THEATRE
MANAGEMENTSYSTEM ON STATE DIAGRAM

CRC Card

Role

Responsibility	Collaborators
Add Role	User
Edit Role	Permission
Delete Role	
Assign Role	

Booking

Responsibility	Collaborators
Add Booking	Payment
Edit Booking	Seat

Show

Responsibility	Collaborators
Add Show	Booking
Edit Show	
Delete Show	
Set Show DateTime	

Payment

Responsibility	Collaborators
Cancel Payment	Booking
Refund	
Get Status	

Seat

Responsibility	Collaborators
Get Status	Booking
Book	
Cancel Booking	
Add Seat	
Edit Seat	

ONLINE MULTIPLEX MOVIE THEATRE
MANAGEMENTSYSTEM ON CRC CARD