

List no. 13, Online Cinema booking system

## 1. Description

System that allows customer to book seats for movie.

Client can choose the Cinema, screening and seats

Admin manages system and datastore for list of movies and bookings.

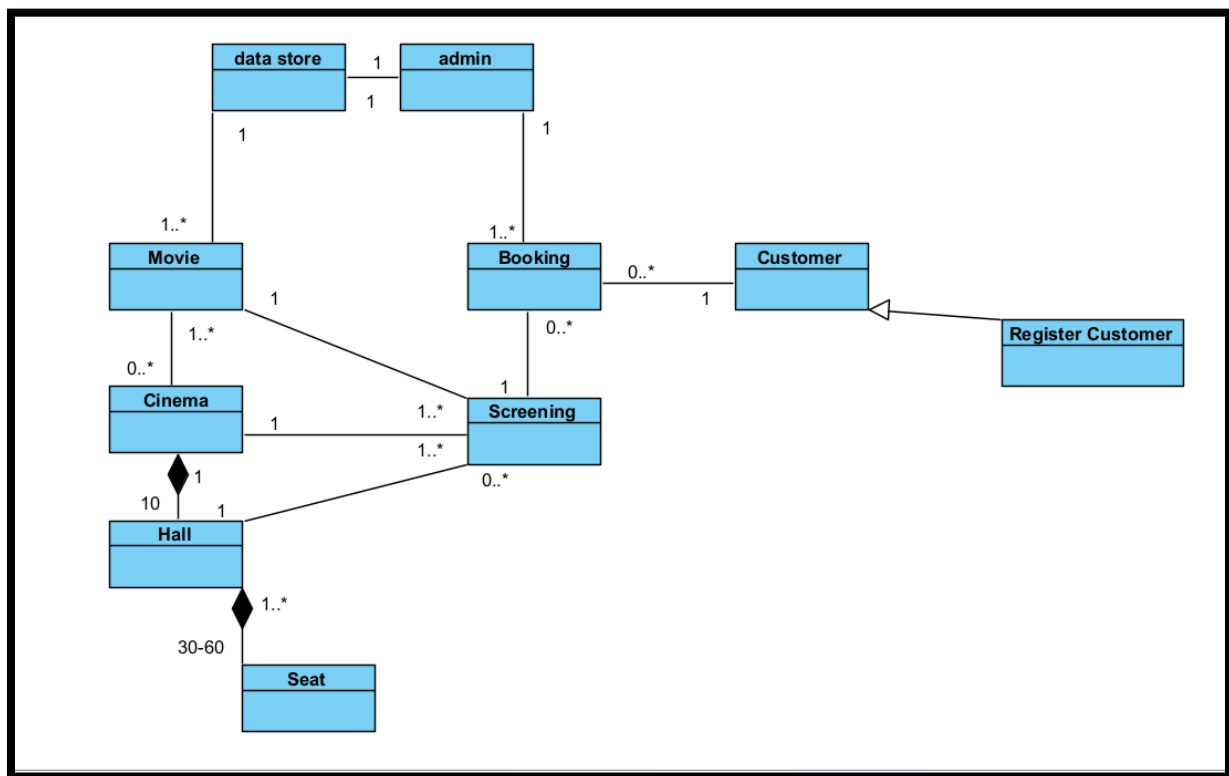
Client doesn't have to be register – must enter personal information while booking

Register client can get recommended movies in the future from admin

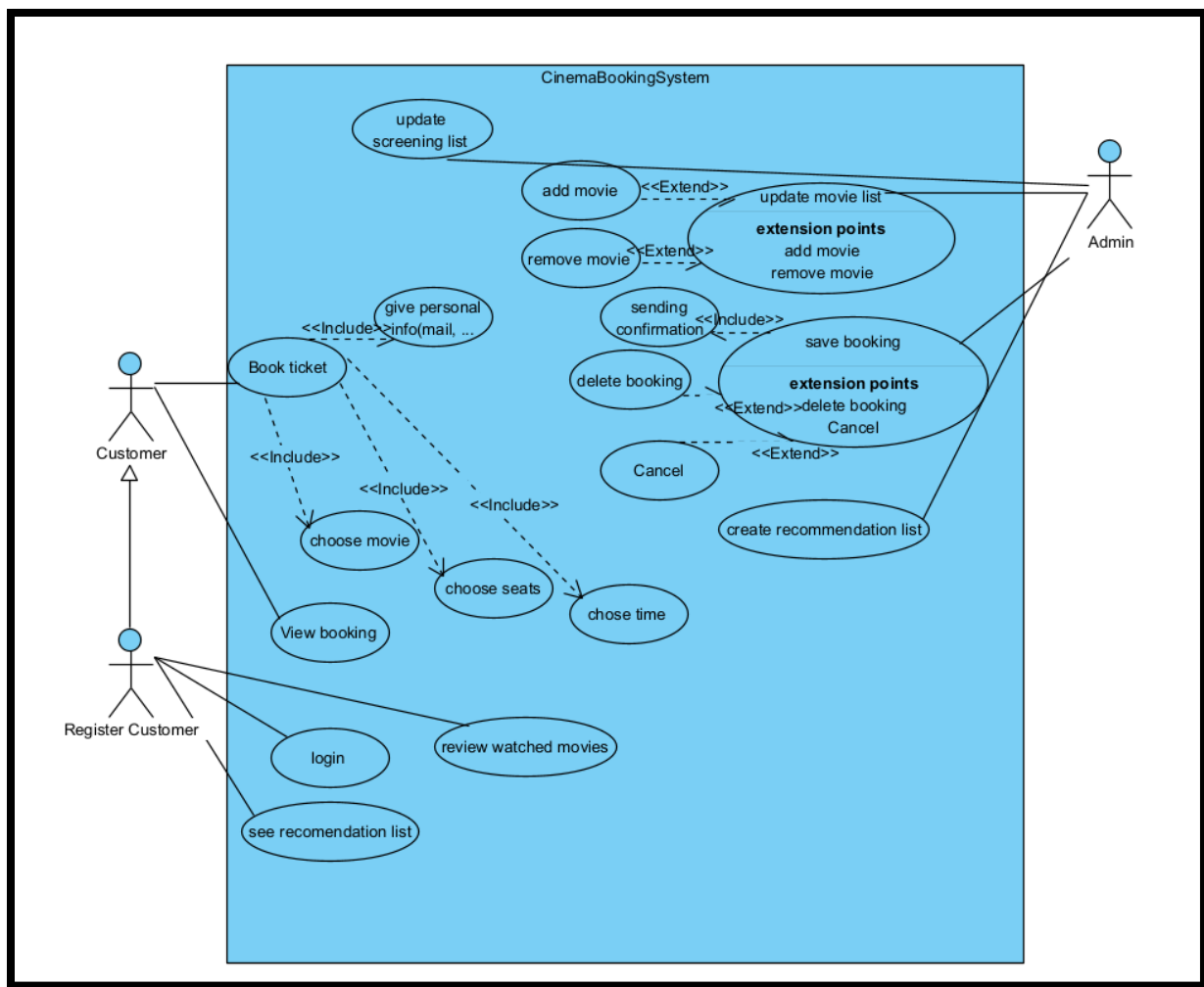
## 2. Class diagram

Attached class diagram

Classes: Booking, Customer, register customer Screening, movie, Cinema, hall, seat, data store, admin



### 3. Use case diagram



### 4. Description of two selected use cases

Name: Book ticket,

Main scenario:

1. Customer opens online page
2. Customer chose a movie
3. Customer chose time
4. Customer chose seat/s
5. Customer gives personal information (email and phone)
6. Customer approves booking
7. Customer gets confirmation

Alternative scenario:

Exdend use case: cancel booking

1. Customer opens online page
2. Customer chose a movie
3. Customer chose time
4. Customer chose seat/s

5. Customer gives personal information (email and phone)
6. Customer approves booking
7. Customer gets confirmation

7a. Customer cancels reservation

Error scenario:

5a. customer gives invalid personal information (email and phone)

5a1. Customer gets error

5a2. Customer gets information to repeat booking with correct information

Name: save booking

Main scenario:

1. Admin gets booking from customer
2. Admin stores in data store booking
3. Admin sends confirmation

Alternative scenario:

Extend: delete booking

1. Admin gets booking from customer
2. Admin stores in data store booking
3. Admin sends confirmation

. 4. Customer deletes booking if time to the screening is less than 30 minutes and no payment was done

Error scenario:

1. Admin gets booking from customer
2. Admin stores in data store booking
3. Admin sends confirmation

3a. Admin deletes booking due to cancellation of screening of the movie