

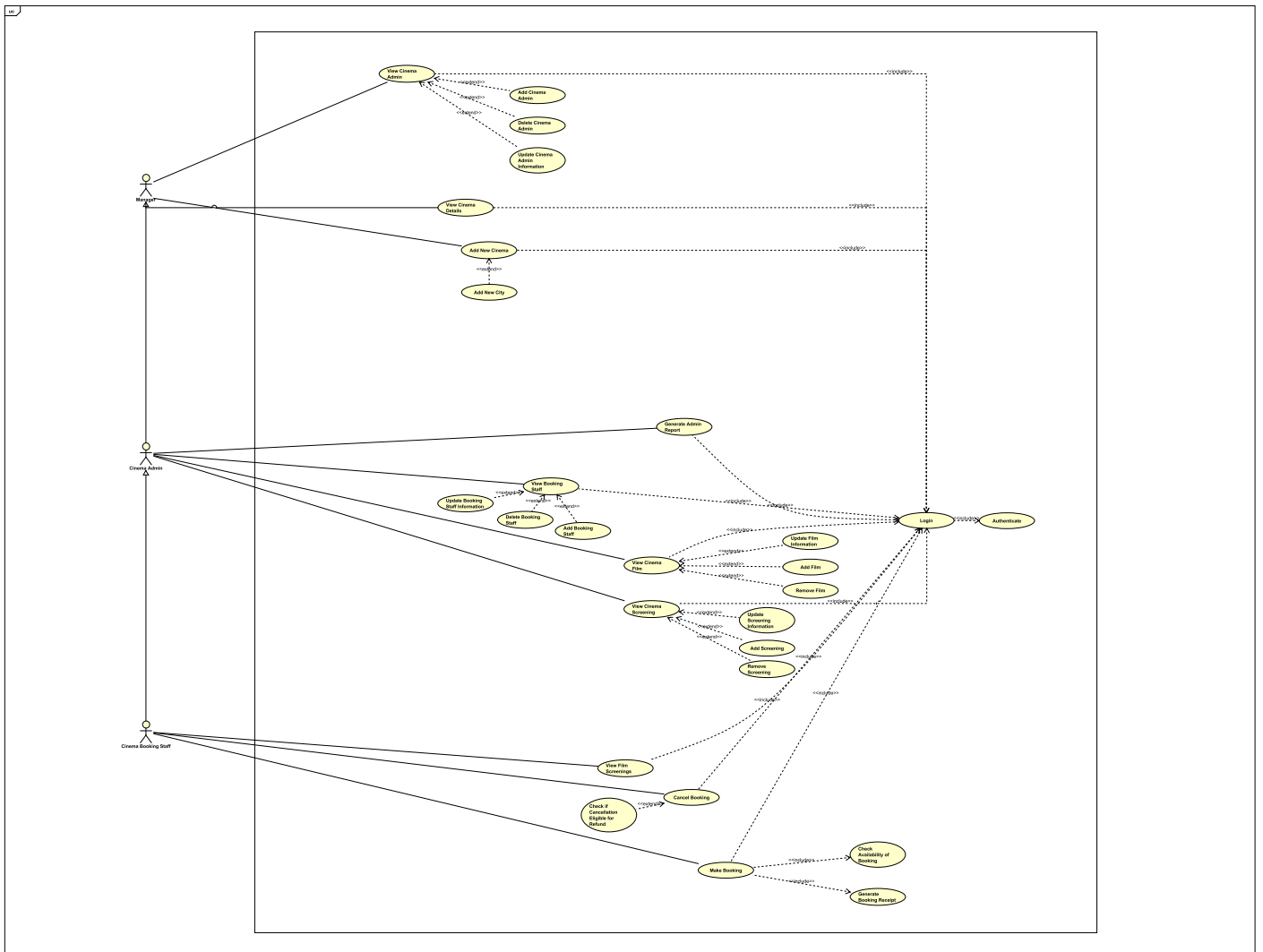
Advanced Software Development – Part I

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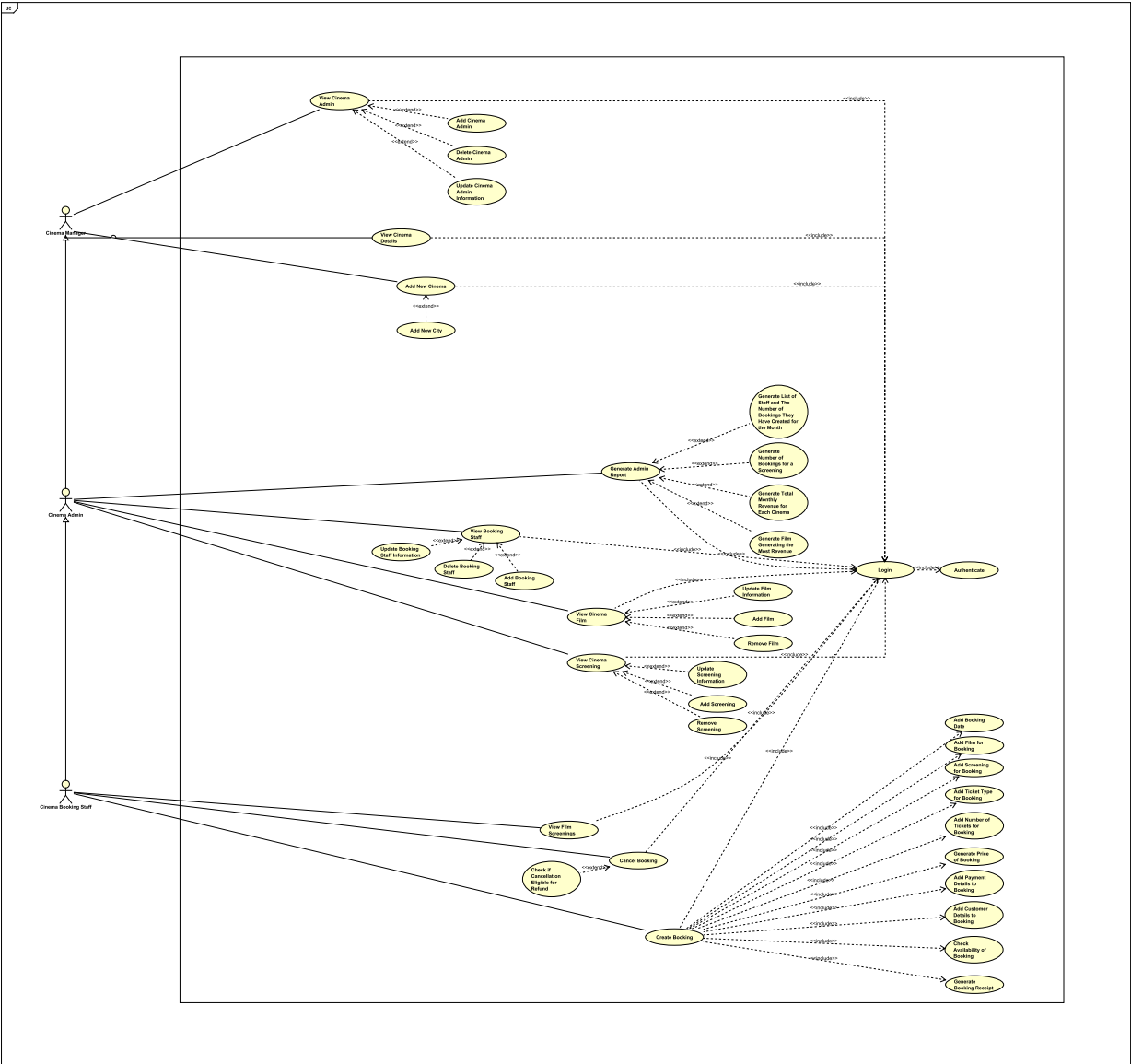
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Simplified Use Case



Detailed Use Case



Use Case Path Examples

Base Path for 'View Film Screenings' Use Case:

Precondition: Booking Staff has successfully logged onto the system.

Flow of Events:

1. Booking Staff will navigate to the 'View Film Screenings' button.
2. The software will ask the name/ID of the cinema they wish to view the screenings of.
3. The booking staff will input their desired cinema.
4. The film screenings and their details at the desired cinema will display to the user.

Postcondition: The booking staff was able to view the film screenings at their desired cinema.

Alternate Paths for 'View Film Screenings' Use Case:

1. Booking Staff will navigate to the 'View Film Screenings' button.
 2. The software will ask the name/ID of the cinema they wish to view the screenings of.
 3. The booking staff inputs an incorrect cinema name/ID and are redirected to the home screen.
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1. Booking Staff will navigate to the 'View Film Screenings' button.
 2. The software will ask the name/ID of the cinema they wish to view the screenings of.
 3. The connection to the database is lost whilst attempting to find the cinemas screenings and the user is presented with an error.

Base Path for 'Add Booking Staff' Use Case:

Precondition: Cinema Admin has successfully logged onto the system

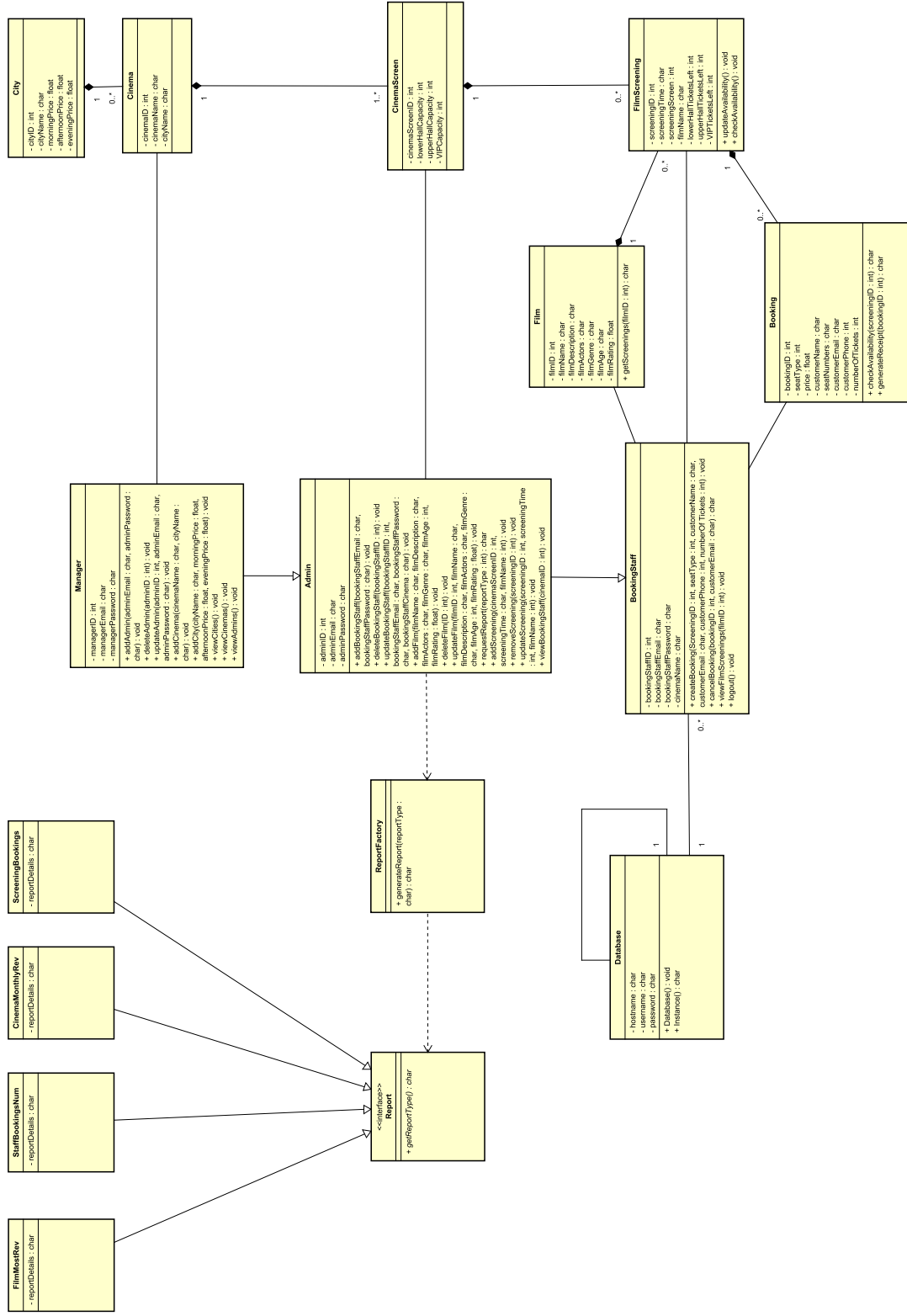
Flow of Events:

1. Admin will navigate to the 'View Booking Staff' button.
2. The admin will then select the 'Add Booking Staff' option.
3. The admin will input the desired email, password and cinema for the new booking staff and submit.

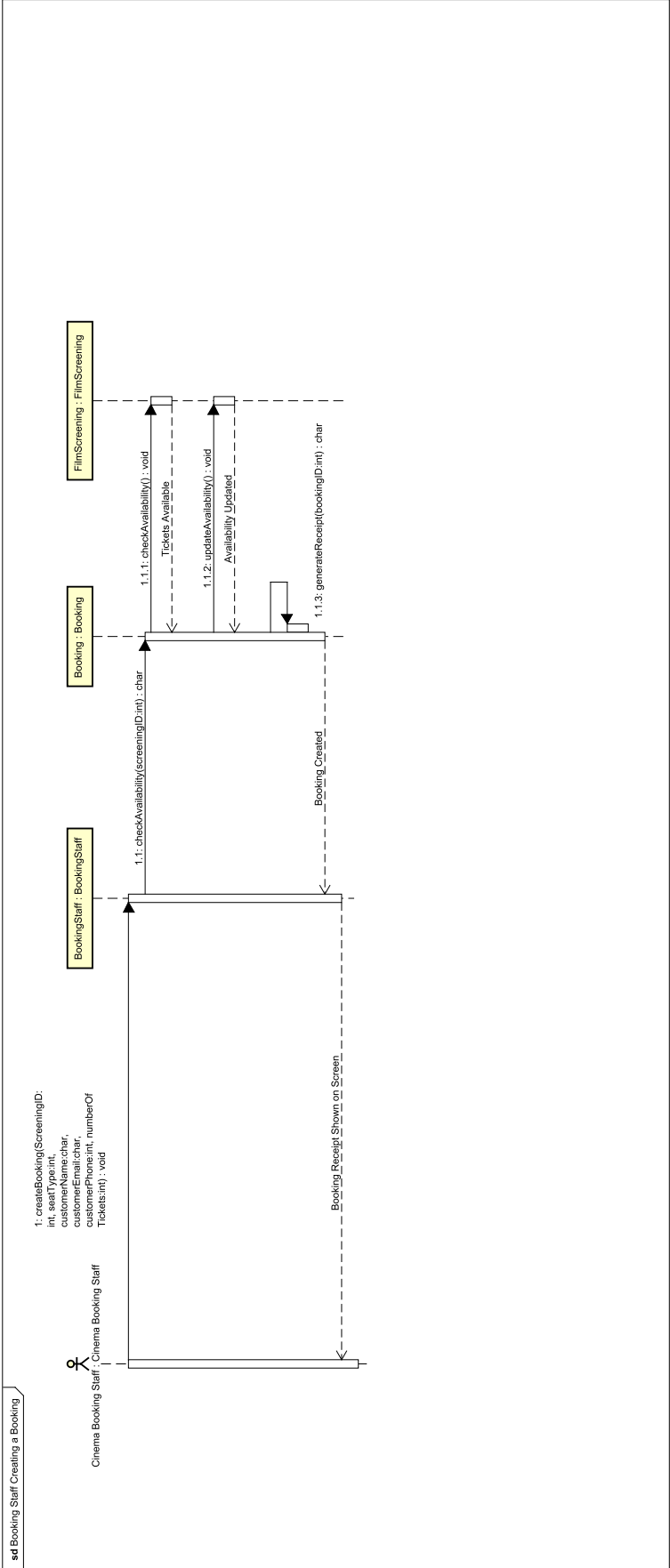
Postcondition: A booking staff has been added.

Alternate Paths for 'Add Booking Staff' Use Case:

1. Admin will navigate to the 'View Booking Staff' button.
 2. The admin will then select the 'Delete Booking Staff' option accidentally.
 3. The admin will have to exit out of the 'Delete Booking Staff' page and return to the homepage.
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1. Admin will navigate to the 'View Booking Staff' button.
 2. The admin will then select the 'Add Booking Staff' option.
 3. The admin will input the desired email, password and cinema for the new booking staff and submit.
 4. Connection to the database will be lost upon submission and the admin will be presented with an error.



Sequence Diagrams



sd Manager Adding a Cinema

