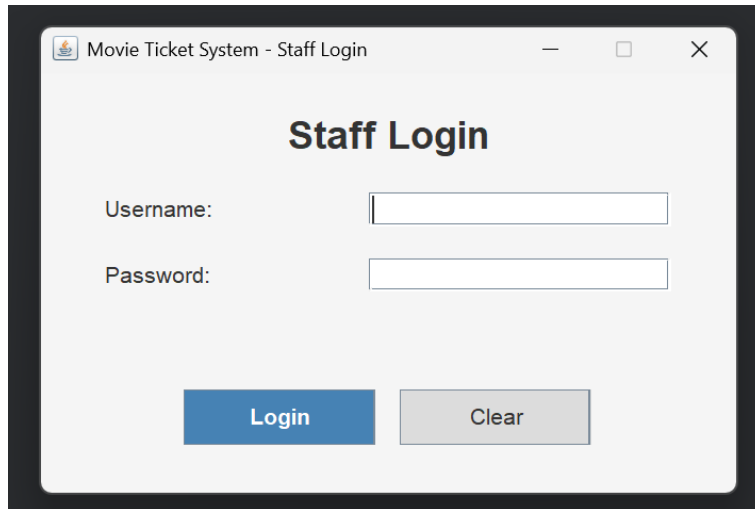


1. Ticket Seller:

1) Login to the system:



Movie Ticket System - Staff Login

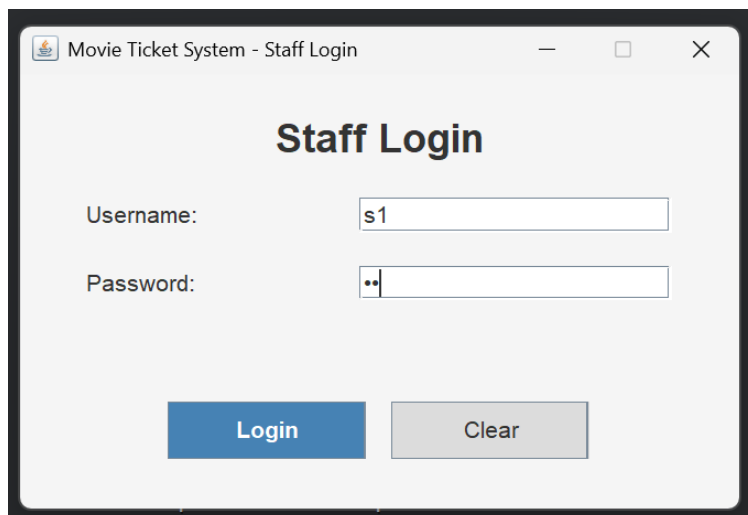
Staff Login

Username:

Password:

Login Clear

Put “s1” in the
“Username” and put
“s1” in the “Password”



Movie Ticket System - Staff Login

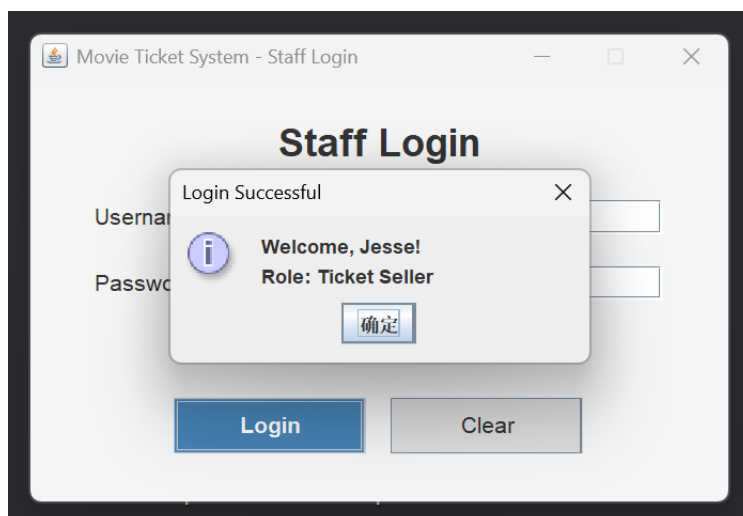
Staff Login

Username:

Password:

Login Clear

After click “Login”
button, ticket sellers can
successfully log in the
system.



Movie Ticket System - Staff Login

Staff Login

Username:

Password:

Login Clear

Login Successful

Welcome, Jesse!

Role: Ticket Seller

确定

2) View a list of all movies and showtimes:

Cinema Ticket Management System - Jesse (Ticket Seller)

FileAccount

Movie List

Filter by Category: AllSearch by Title:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Action	A001	Fast & Furious 9	Justin Lin	143	15.5	18:30	High	50
Action	A002	John Wick 4	Chad Stahelski	169	17.0	21:00	Extreme	50
Action	A003	Mad Max: Fury R...	George Miller	120	14.5	19:00	High	50
Action	A004	Mission Impossib...	Christopher McC...	147	16.0	20:30	High	50
Action	A005	Black Panther	Ryan Coogler	134	15.0	17:30	Medium	50
Action	A006	The Dark Knight	Christopher Nolan	152	16.5	22:00	High	50
Action	A007	Avengers: Endga...	Anthony Russo	181	18.0	19:30	Extreme	50
Action	A008	Gladiator	Ridley Scott	155	14.0	16:00	Medium	50
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14:00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16:30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18:00	-	50
Comedy	C004	21 Jump Street	Phil Lord	109	13.5	15:00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11:30	-	50
Comedy	C006	Deadpool	Tim Miller	108	15.0	19:00	-	50
Comedy	C007	Jumanji: Welcom...	Jake Kasdan	119	14.0	17:00	-	50
Comedy	C008	Zootopia	Byron Howard	108	13.0	13:00	-	50
Romance	R001	Titanic	James Cameron	195	18.0	20:00	R13	50
Romance	R002	The Notebook	Nick Cassavetes	123	14.0	18:30	PG	50
Romance	R003	La La Land	Damien Chazelle	128	15.5	19:30	PG	50
Romance	R004	Me Before You	Thea Sharrock	110	14.5	17:00	PG	50
Romance	R005	A Star Is Born	Bradley Cooper	136	16.0	21:00	R16	50
Romance	R006	Crazy Stupid Love	Glenn Ficarra	118	13.5	15:00	PG	50

Add Movie

View Details

Book Ticket

Delete Movie



Ticket sellers can view a list of all movies.

3) Search for movies by category and title:

Can select any category

Can input some title text

The screenshot shows the 'Movie List' window of the 'Cinema Ticket Management System - Jesse (Ticket Seller)'. The 'Filter by Category' dropdown is set to 'Comedy'. The 'Search by Title' text box is empty. The table below displays a list of movies:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14.00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16.30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18.00	-	50
Comedy	C004	21 Jump Street	Phil Lord	109	13.9	18.00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11.30	-	50
Comedy	C006	Deadpool	Tim Miller	108	15.0	19.00	-	50
Comedy	C007	Jumanji: Welcome	Jake Kasdan	119	14.0	17.00	-	50
Comedy	C008	Zootopia	Byron Howard	108	13.0	13.00	-	50

Buttons at the bottom: Add Movie, View Details, Book Ticket, Delete Movie.

Ticket sellers can select any category and display movies in time (When there is one character in the text box, all the movies with their titles containing the character will be displayed.)

Ticket sellers can select any category and display movies in time (When entering numbers in the text box, the corresponding content will appear.)

The screenshot shows the 'Movie List' window with the 'Filter by Category' dropdown set to 'Comedy' and the 'Search by Title' text box containing '21'. The table below displays the filtered results:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C004	21 Jump Street	Phil Lord	109	13.9	18.00	-	50

Buttons at the bottom: Add Movie, View Details, Book Ticket, Delete Movie.

The screenshot shows the 'Movie List' window with the 'Filter by Category' dropdown set to 'Comedy' and the 'Search by Title' text box containing 'H'. The table below displays the filtered results:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14.00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16.30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18.00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11.30	-	50
Comedy	C007	Jumanji: Welcome	Jake Kasdan	119	14.0	17.00	-	50

Buttons at the bottom: Add Movie, View Details, Book Ticket, Delete Movie.

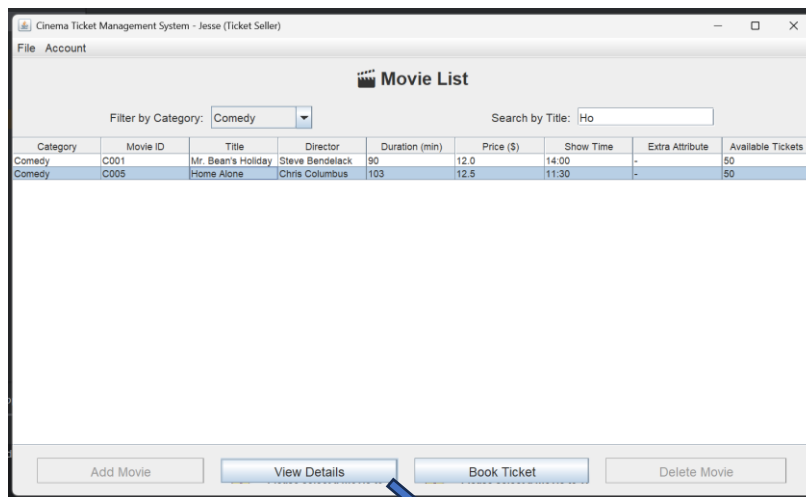
The screenshot shows the 'Movie List' window with the 'Filter by Category' dropdown set to 'Comedy' and the 'Search by Title' text box containing 'Hom'. The table below displays the filtered results:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11.30	-	50

Buttons at the bottom: Add Movie, View Details, Book Ticket, Delete Movie.

Only after all the characters have been entered will the corresponding movie be found.

4) View movie details:



Cinema Ticket Management System - Jesse (Ticket Seller)

File Account

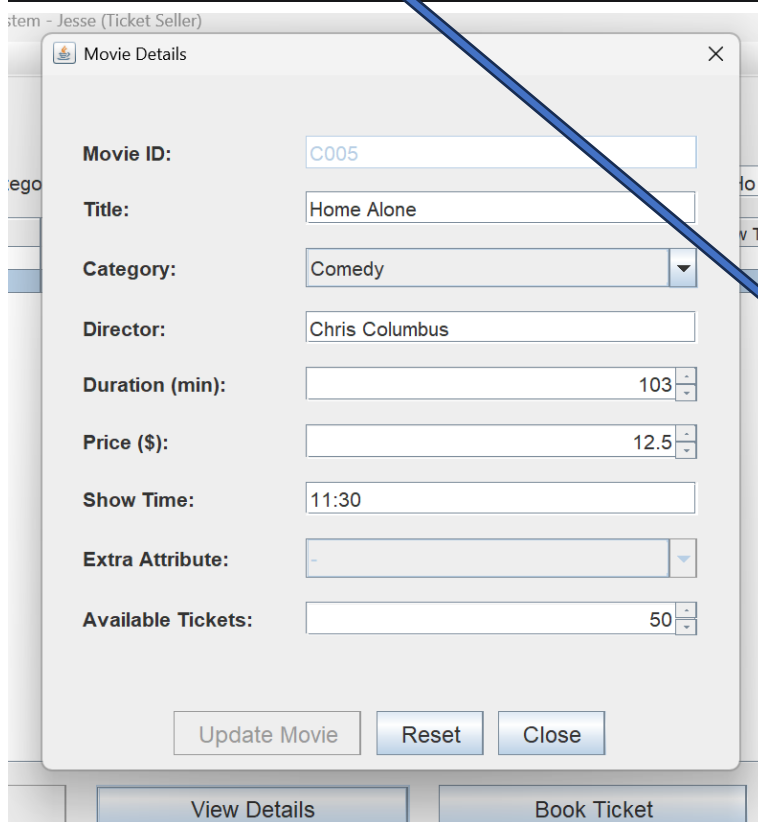
Movie List

Filter by Category: Comedy Search by Title: Ho

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14:00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11:30	-	50

Add Movie View Details Book Ticket Delete Movie

After press "View
Details" button



Cinema Ticket Management System - Jesse (Ticket Seller)

Movie Details

Movie ID: C005

Title: Home Alone

Category: Comedy

Director: Chris Columbus

Duration (min): 103

Price (\$): 12.5

Show Time: 11:30

Extra Attribute: -

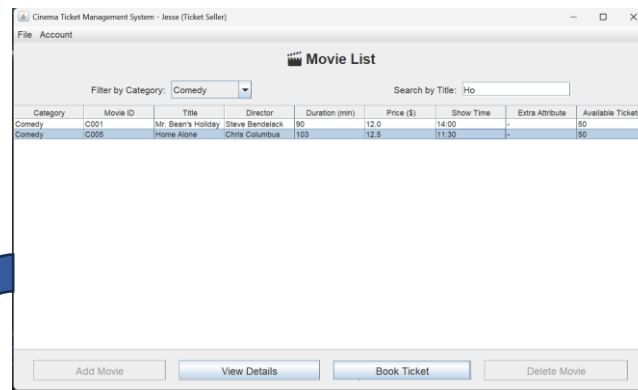
Available Tickets: 50

Update Movie Reset Close

View Details Book Ticket

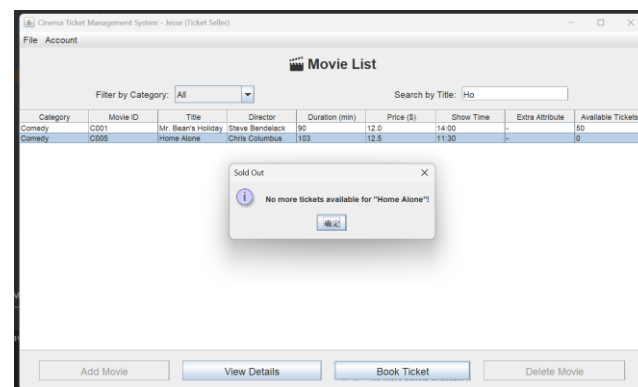
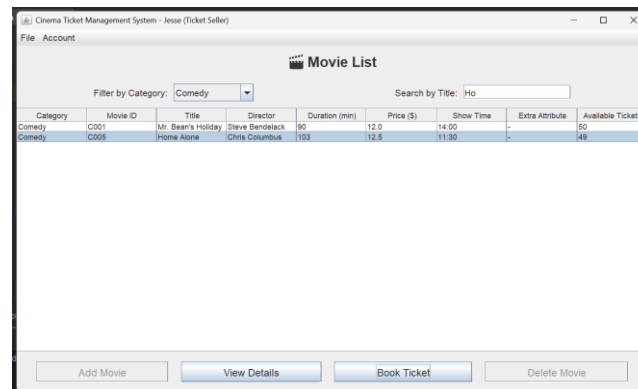
Can check any
details of selected
movie (When press
"View Details"
button)

5) Sell tickets (reduce available ticket count):

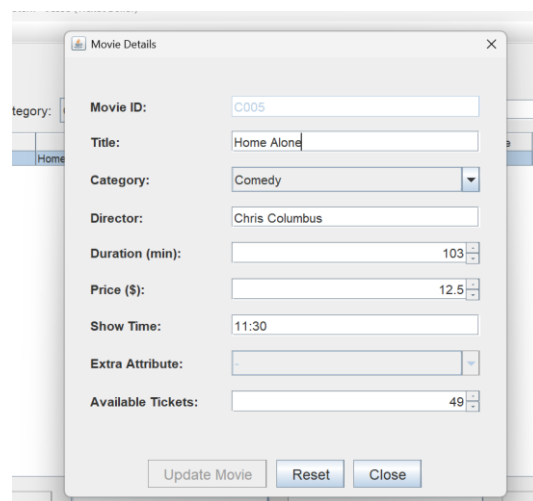


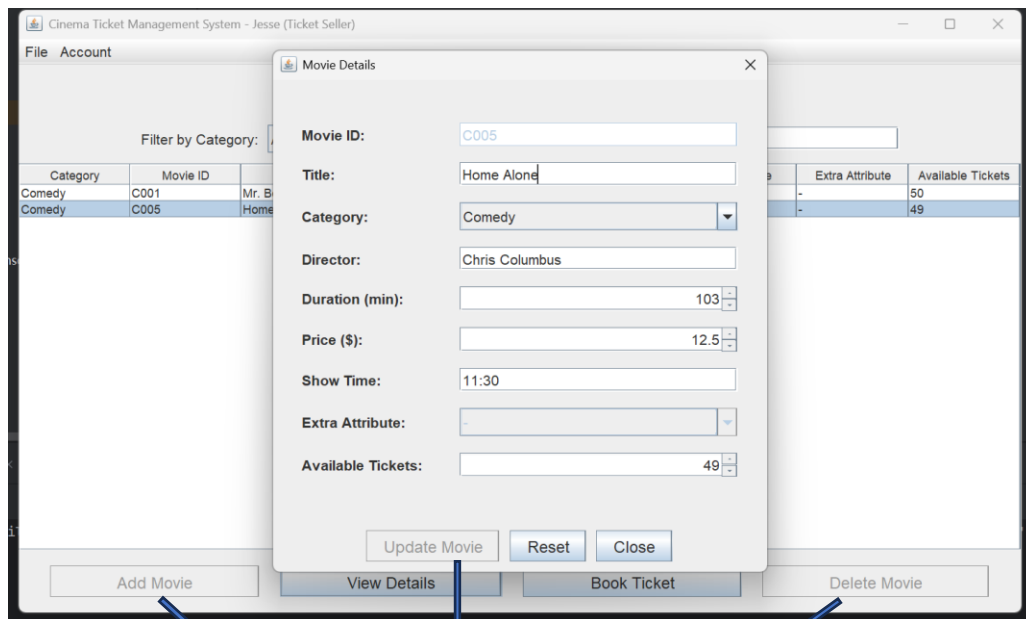
Pressing the “Book Ticket” button, will reduce the ticket count of this movie by 1. This system will show the remaining tickets.

Then, when you check the relevant information of this movie again, you will find that once the booking is successful, the number of available tickets will be updated.

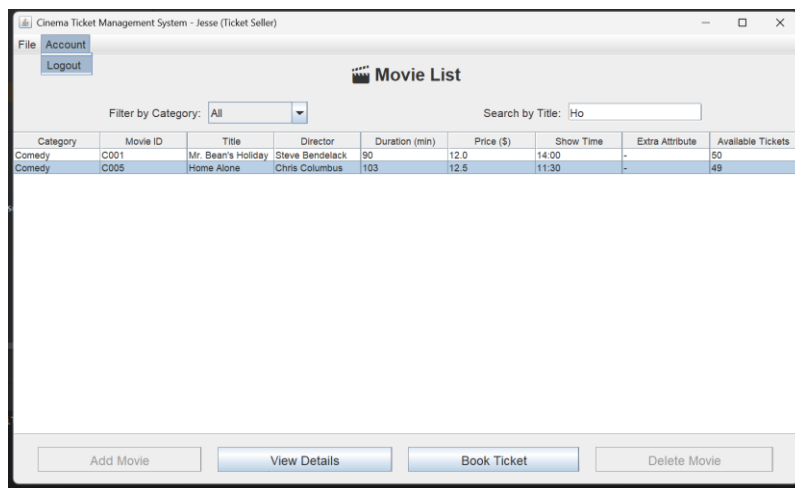


If there are no remaining tickets (the quantity drops to zero), a reminder dialog box message will be displayed on the screen.

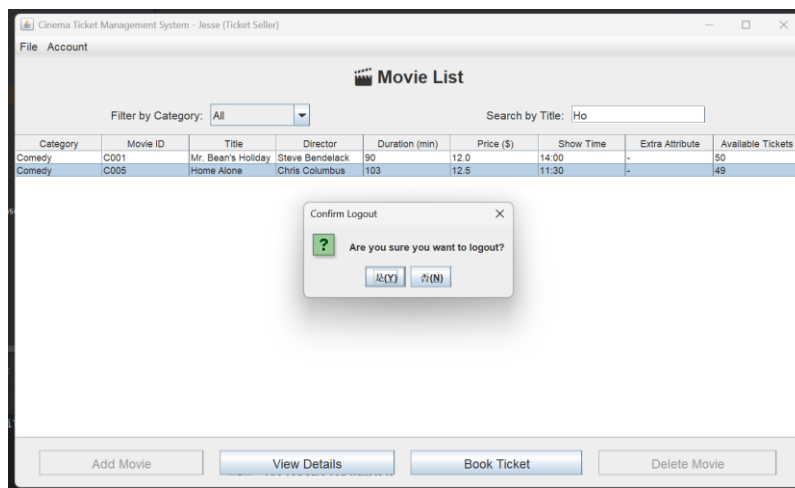




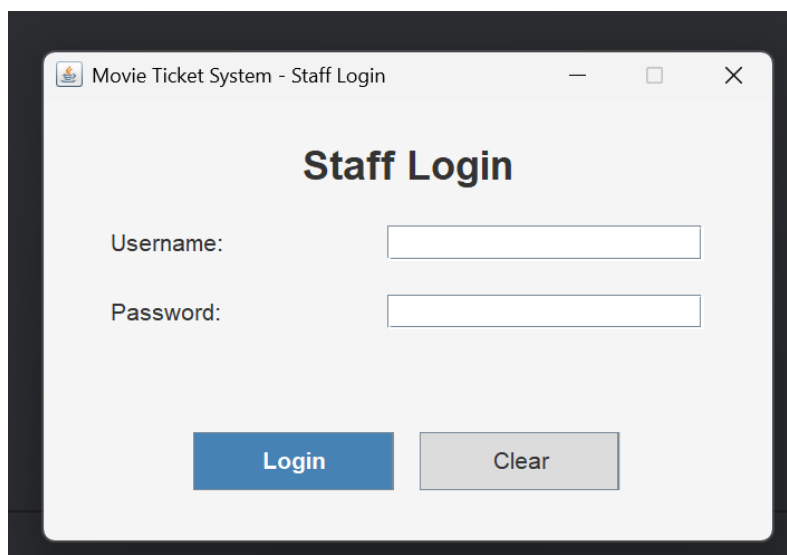
Please note that for the ticket sellers, all editing functions are currently disabled.



Clicking "Logout" will bring up a confirmation prompt box.

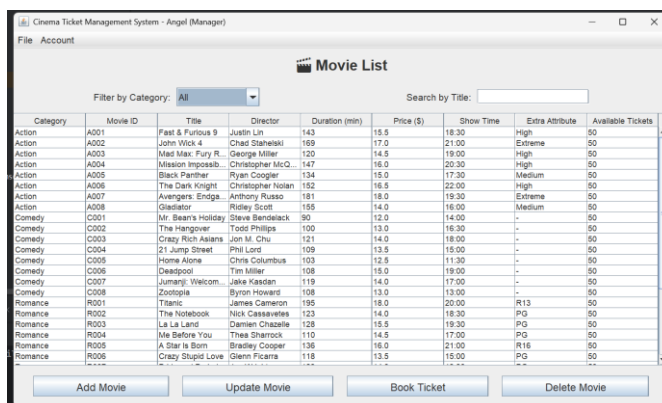
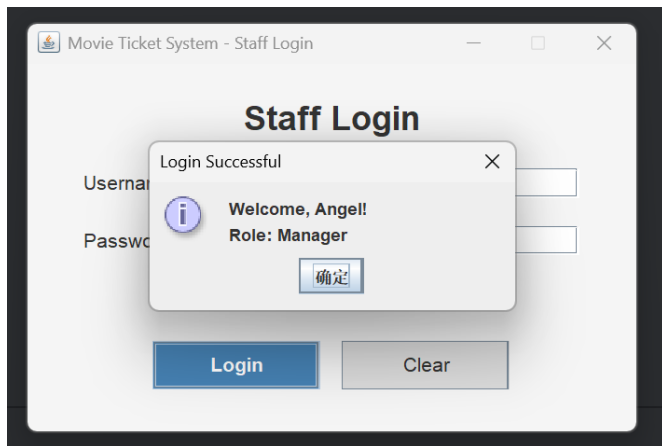
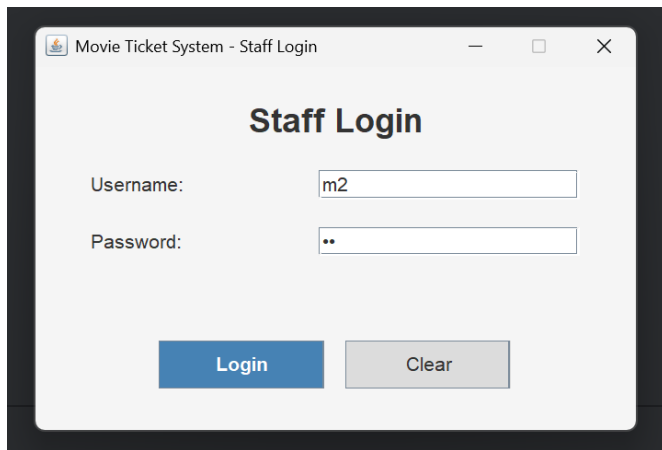


After confirming, you can return to the login form.



2. Manager:

- 1) Can do everything a Ticket Seller can do:
- 2) Additionally:
 - a) Add new movies:



This time, you need to log in as an administrator. The appearance of the dialog box indicates that you have successfully logged in.

Please note that both the "Add Movie" and "Delete Movie" tabs have been enabled this time.

The manager can use all the same search functions as the ticket seller.

Cinema Ticket Management System - Angel (Manager)

File Account

Movie List

Filter by Category: Comedy Search by Title:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18:00	-	50
Comedy	C007	Jumanji: Welcom...	Jake Kasdan	119	14.0	17:00	-	50

Add Movie Update Movie Book Ticket Delete Movie

Cinema Ticket Management System - Angel (Manager)

File Account

Movie List

Filter by Category: Comedy Search by Title:

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14:00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16:30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18:00	-	50
Comedy	C004	21 Jump Street	Phil Lord	109	13.5	15:00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11:30	-	50
Comedy	C006	Deadpool	Tim Miller	108	15.0	19:00	-	50
Comedy	C007	Jumanji: Welcom...	Jake Kasdan	119	14.0	17:00	-	50
Comedy	C008	Zootopia	Byron Howard	108	13.0	13:00	-	50

Add Movie Update Movie Book Ticket Delete Movie

Cinema Ticket Management System - Angel (Manager)

File Account

Movie Details

Movie ID:

Title:

Category: Action

Director:

Duration (min): 90

Price (\$): 10

Show Time:

Extra Attribute: Low

Available Tickets: 50

Add Movie Reset Cancel

Cinema Ticket Management System - Angel (Manager)

File Account

Movie Details

Movie ID: C012

Title: Nian Ta (The Second Version)

Category: Action

Director: Dumpling

Duration (min): 144

Price (\$): 13

Show Time: 14:30 PM

Extra Attribute: Medium

Available Tickets: 50

Add Movie Reset Cancel

After a manager click “Add Movie” button, a new movie will be added.

The result after the administrator manually added specific information will be reflected on the movie list.

Movie Details

Movie ID: C001

Title: Nian Ta (The Second Version)

Category: Action

Director: [Empty]

Duration (min): 144

Price (\$): 13

Show Time: 14:30 PM

Extra Attribute: Medium

Available Tickets: 50

Duplicate Movie ID

A movie with ID 'C001' already exists!

Buttons: Add Movie, Reset, Cancel

However, it should be noted that the Movie ID is unique. New movies cannot be assigned the same Movie ID that already exists.

Movie List

Filter by Category: Comedy

Search by Title: [Empty]

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14:00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16:30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18:00	-	50
Comedy	C004	21 Jump Street	Phil Lord	109	13.5	15:00	-	50
Comedy	C005	Home Alone	Success	103	12.5	11:30	-	50
Comedy	C006	Deadpool	Tim Miller	108	15.0	19:00	-	50
Comedy	C007	Jumanji: Welcom...	Jake Kasdan	119	14.0	17:00	-	50
Comedy	C008	Zootopia	Byron Howard	108	13.0	13:00	-	50

Movie 'Nian Ta (The Second Version)' added successfully!

Buttons: Add Movie, Update Movie, Book Ticket, Delete Movie

After entering the information correctly in this way, a confirming dialog box will appear.

Movie List

Filter by Category: Comedy

Search by Title: [Empty]

Category	Movie ID	Title	Director	Duration (min)	Price (\$)	Show Time	Extra Attribute	Available Tickets
Comedy	C001	Mr. Bean's Holiday	Steve Bendelack	90	12.0	14:00	-	50
Comedy	C002	The Hangover	Todd Phillips	100	13.0	16:30	-	50
Comedy	C003	Crazy Rich Asians	Jon M. Chu	121	14.0	18:00	-	50
Comedy	C004	21 Jump Street	Phil Lord	109	13.5	15:00	-	50
Comedy	C005	Home Alone	Chris Columbus	103	12.5	11:30	-	50
Comedy	C006	Deadpool	Tim Miller	108	15.0	19:00	-	50
Comedy	C007	Jumanji: Welcom...	Jake Kasdan	119	14.0	17:00	-	50
Comedy	C008	Zootopia	Byron Howard	108	13.0	13:00	-	50
Comedy	C012	Nian Ta (The Se...	Dumpling	144	13.0	14:30 PM	-	50

Buttons: Add Movie, Update Movie, Book Ticket, Delete Movie

The details of the new film are reflected in the list.

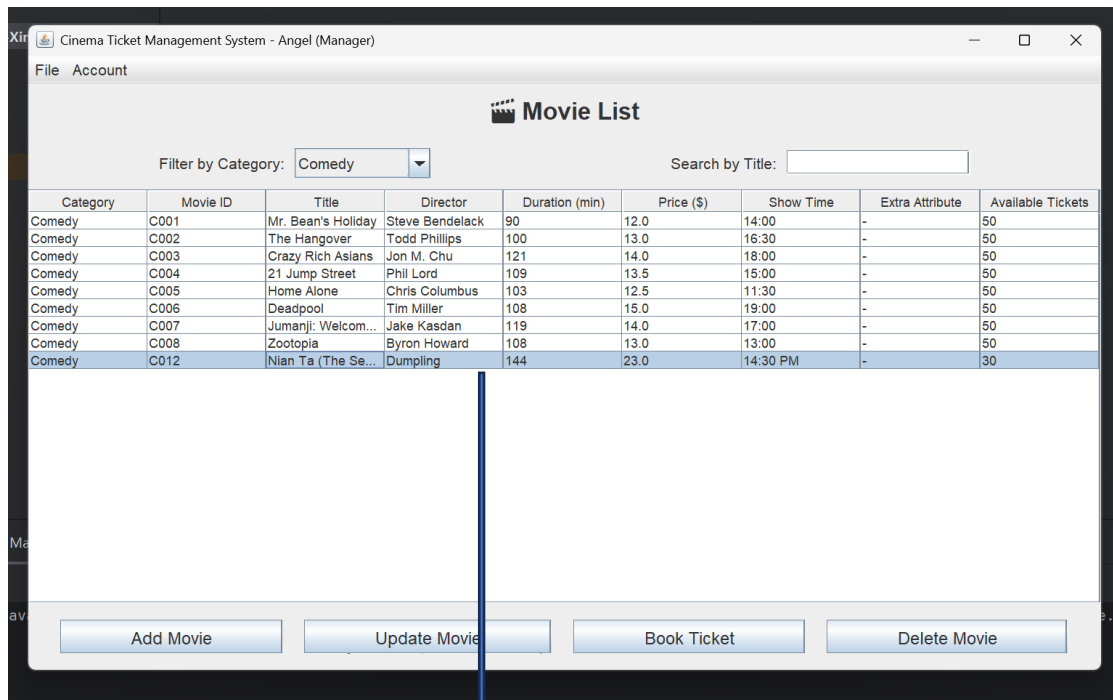
b) Update movie details:

The screenshots illustrate the following steps:

- Movie List:** The user filters by 'Comedy' and finds the movie 'Nian Ta (The Second Version)' (Movie ID: C012).
- Movie Details:** The user clicks 'Update Movie', opening a dialog box where the following details are shown:
 - Movie ID: C012
 - Title: Nian Ta (The Second Version)
 - Category: Comedy
 - Director: Dumpling
 - Duration (min): 144
 - Price (\$): 13
 - Show Time: 14:30 PM
 - Extra Attribute: (empty)
 - Available Tickets: 50
- Update:** The user clicks 'Update Movie' in the dialog box.
- Confirmation:** A message box appears: 'Movie 'Nian Ta (The Second Version)' updated successfully!'
- Updated List:** The 'Movie List' is shown again, with the price for 'Nian Ta (The Second Version)' updated to 23.

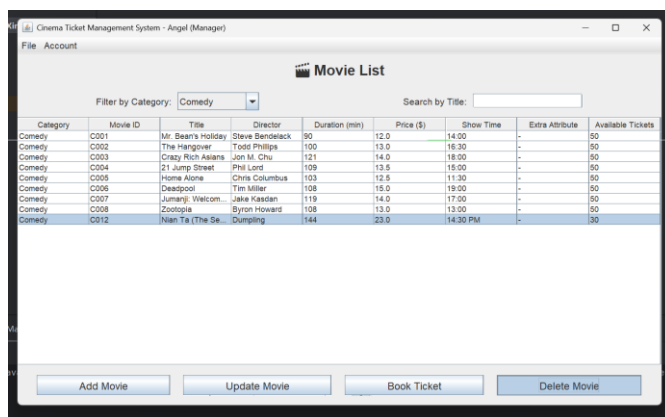
After finding the movie that needs to be modified, click the "Update Movie" button, and specific information will appear.

After modifying the specific information of the movie, and then click the "Update Movie" button. The text box indicating the successful modification will appear.

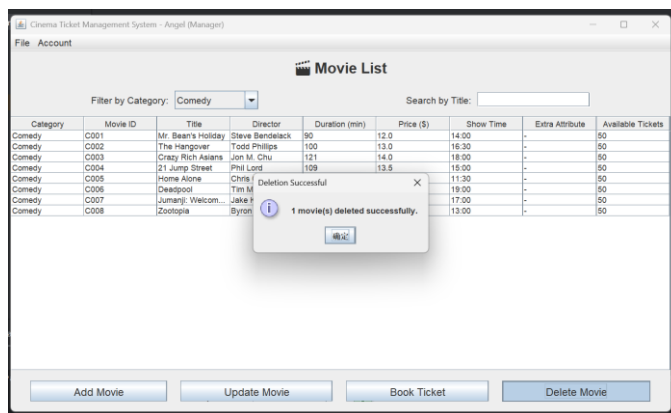
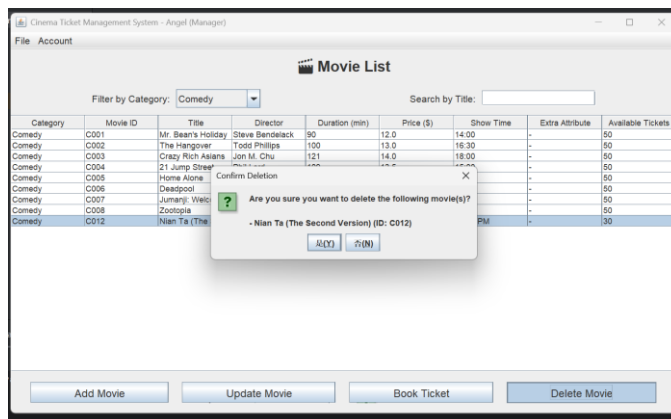


The focused movie entry reflects a successful updating.

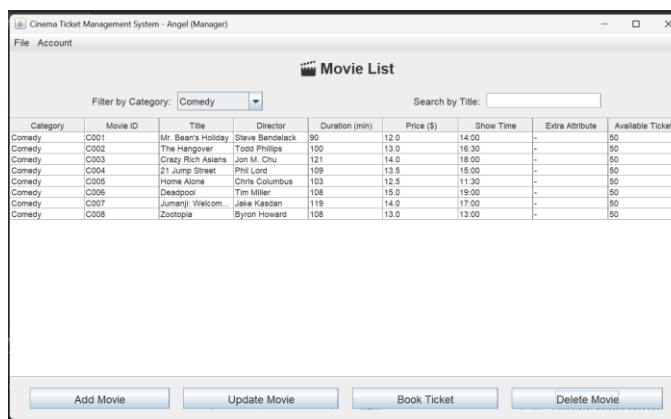
c) Delete movies:



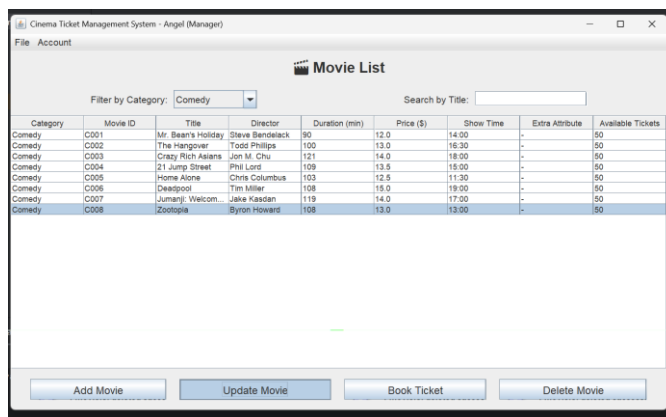
The administrator selects the movie entries that needs to be deleted, clicks the "Delete Movie" button, and then a confirmation message will appear in the text box.



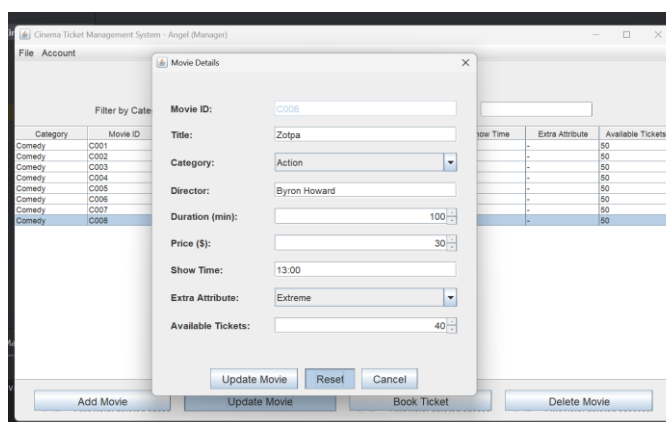
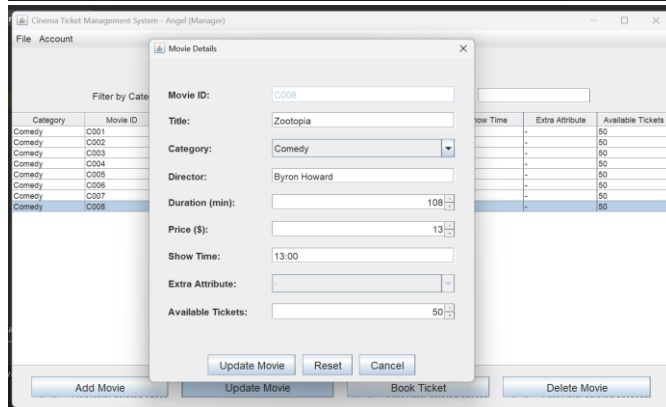
After confirming the deletion, this movie and its specific details will be removed from the list.



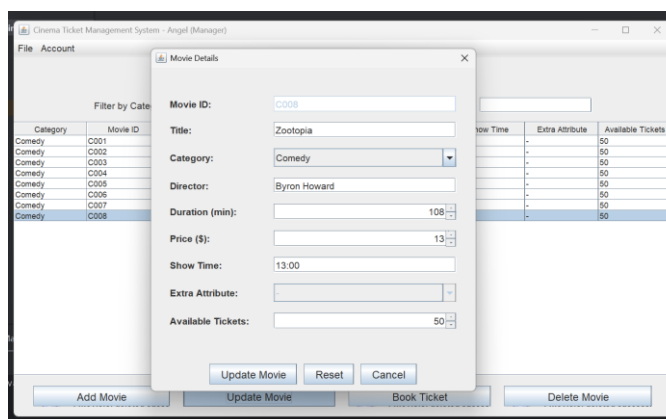
d) Additional functions:



Select the movie that needs to be modified, click the "Update Movie" button, and you will be able to view all the detailed information of this movie.



After modifying and updating all the information of the movie, by clicking the "Reset" button, the original information of the movie will restore.



e) Export Data:

