

Admin Login Function

Username	Password	Output
staff1	staffpass	Login successful...
staff	staff1	Login Fail, Please try again...

Admin UI

Input	Output
1	addMovie()
2	removeMovie()
3	updateMovie()
4	topFiveMovie()
5	addShowTime()
6	removeShowilme()
7	viewPromoCodes()
8	addPromoCodes()
9	editSysCon()
10	Logging out
11	Error, Logging out

Add Movie

Name	Synopsis	Type	Director	Cast	Rating	MovieID	Output
Bee Movie	Fresh out of college, Barry ...	Cartoon	Simon J. Smith	Jerry Seinfeld, Renée Zellweger,	PG	542	Success
Bee Movie	Fresh out of college,	67483	Simon J. Smith	Jerry Seinfeld, Renée	PG	542	Movie type is not a

	Barry ...			Zellwe r,			number!
Bee Movie	Fresh out of college, Barry ...	Cartoon	23498	Jerry Seinfeld, Renée Zellwe r,	PG	542	Director is not a number!
Bee Movie	Fresh out of college, Barry ...	Cartoon	Simon J. Smith	Jerry Seinfeld, Renée Zellwe r,	4.5	542	Please enter the correct rating!
Bee Movie	Fresh out of college, Barry ...	Cartoon	Simon J. Smith	Jerry Seinfeld, Renée Zellwe r,	PG	movieID	MovieID must be a number!

Remove Movie

Input	Output
1	deleteMovieByTitle
2	deleteMovieByID
3	Thank you for using our application! Quit
a	You did not enter an integer. Wrong option. Quit

Update Movie

Input	Output
1	updateMovieByTitle
2	updateMovieByID
3	Thank you for using our application! Quit
a	You did not enter an integer. Wrong option. Quit

List top 5 movie

Input	Output
1	rankedByTicketSales()
2	rankedByReviewersRating()
3	Please choose one of the option

Add ShowTime

Movie ID	Cinema ID	startTime	endTime	Cinema Class	Output
S0001	A1	2022-11-08 10:30	2022-11-08 12:00	Platinum	ShowTime successfully added
00001	A1	2022-11-08 10:30	2022-11-08 12:00	Platinum	Invalid MovieID
S0001	11	2022-11-08 10:30	2022-11-08 12:00	Platinum	Invalid CinemaID
S0001	A1	2022-11-09	2022-11-08 12:00	Platinum	Invalid startTime
S0001	A1	2022-11-08 10:30	2022-11-09	Platinum	Invalid startTime
S0001	A1	2022-11-08 10:30	2022-11-08 12:00	Bronze	Invalid Cinema Class

Remove ShowTime

Input	Output
1	removeShowTimeByMovieIndex()
2	removeShowTimeByMovieInfo()
3	Error, Exit process

removeShowTimeByMovieIndex()

Input	Output
1	Success
S	Please enter in integer!

removeShowTimeByMovieInfo()

Movie ID	Cinema ID	startTime	endTime	Cinema Class	Output
S0001	A1	2022-11-08 10:30	2022-11-08 12:00	Platinum	ShowTime successfully removed
00001	A1	2022-11-08 10:30	2022-11-08 12:00	Platinum	Invalid MovieID
S0001	11	2022-11-08 10:30	2022-11-08 12:00	Platinum	Invalid CinemaID
S0001	A1	2022-11-09	2022-11-08 12:00	Platinum	Invalid startTime
S0001	A1	2022-11-08 10:30	2022-11-09	Platinum	Invalid endTime
S0001	A1	2022-11-08 10:30	2022-11-08 12:00	Bronze	Invalid Cinema Class

addPromoCodes()

Promo	Count	startTime	endTime	Status	Offer	Output
S0001	5	2022-11-08 10:30	2022-11-08 12:00	Ready	0.50	Promo Code Successfully Added
464564	5	2022-11-08 10:30	2022-11-08 12:00	Ready	0.50	Please enter only words
S0001	sggs	2022-11-08 10:30	2022-11-08 12:00	Ready	0.50	Please enter integer
S0001	5	2022-11-09	2022-11-08 12:00	Ready	0.50	Invalid startTime
S0001	5	2022-11-08 10:30	2022-11-09	Ready	0.50	Invalid endTime
S0001	5	2022-11-08 10:30	2022-11-08 12:00	Not Ready	0.50	Invalid Status
S0001	5	2022-11-08 10:30	2022-11-08 12:00	Ready	dfgfdg	Please enter number

addCinema()

CinemaID	Branch	No of seats	Class of cinema	Layout Type	Output
SC2002	OODP	500	Gold	Medium	Cinema has been added successfully!
SC2002	OODP	Five Hundred	Gold	Medium	Please enter an integer.
SC2002	OODP	500	ffff	Medium	Please enter one of the followings: Platinum,Gold ,Silver
SC2002	OODP	500	Gold	ggg	Please enter one of the following: small, medium, large

removeCinema()

CinemaID	Output
SC2002	Cinema deleted!
C	Cinema not found!

addCineplex()

Name of Cineplex	Output
Cathay	Cinema has been added successfully!
Cathay Village	Cinema has been added successfully!

removeCineplex()

Name of Cineplex	Output
Cathay	Cinema deleted!
Hi	Cineplex not found!

Movie Goers Login Function

Username	Password	Output
yj	1234	Login successful...
yj1234	1234	Login Fail, Please try again...

MovieGoers UI

Input	Output
1	DisplayMovie_UI.displayInformation(userName)
2	DisplayMovieBooking_UI.displayInformation(userName)
3	BookingManager.getBookingHistory();
4	exit

5	Please enter a number between 1 and 4
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List the movies

Input	Output
1	listBySales();
2	listByRating()
3	MovieListing.getMovieID(movieTitle)
4	Please enter a number between 1 and 3

Book Tickets

Input	Output
1	listBySales();
2	listByRating()
3	MovieListing.getAvailableMovieID(movieTitle)
4	Please enter a number between 1 and 3

List top 5 movies by sales

Input	Output
1	listBySales();
ccc	Please enter a number between 1 and 3

Choose showTime

Input	Output
1	Success
ccc	Please enter a number between 1 and 3

Choose Row & Column

Row	Column	Output
1	1	SeatBooked_Controller.updateSeatBooked(row, col, cinemaID, time)
1	2	Seat is taken, please choose another seat.

Enter Age

Age	Output
10	new Price(time, age, 1, SystemConfigController.getClassMulti(tmp.get(choice).getClassOfCinema().toString()), row)
fff	You did not enter numerical number. Please enter it again.

Enter Promo Code

Promo Code	Output
PromoNow	Success
ff	The promo code is invalid!

Payment

Payment Method	Output
1. Paylah	Success
2. Credit Card	Success
3	Please enter a number between 1 and 2

List top 5 movies by rating

Input	Output
1	Success
ccc	Please enter a number between 1 and 3

Search by movie title

Input	Output
Black Adam	Success
Bee	Movie not found