	ctor	ityl ogin		DR Day	entDB BookingDB MailG	un API Reviewl	DB
,	request login	Display login screen	System Movie	Payme Payme	MailG	un API ReviewI	DB Perso
	username, password						
	return						
	Loop	while(valid == false) isValid(username, password) return valid			cehckUserExists(username, passwordHash)		>
		DisplayErrorMessageIfInvalid();	t)		return true if user exists		
		DisplayHomeScreenIfValid()					l
alt	if (userType == CUS	STOMER)					
		request or search movie shows					
	« ······	populate movie shows	searchMovies(String query) returns list of movies				
	ļ` 	select a movie to book	>				
	DisplayConfirmationDialogueTol	showdetails Book();					
			<u> </u>		1		
	return b	belect or enter payment card information booking confirmation or error message	validateCardInfoandCha returns processing	details			
		view active bookings	J	JD			
	<	return active booking list	returns	tBookingDetails() ist of Booking Details			
		uest for reminder/details to be emailed	-	reminderEmails		1	
	<	return reminder success/failure request booking cancellation		returns success/fail	ilure		
			initiateRefund	→	<u> </u>		
	<u> </u>	return cancellation confirmation					
		request movie theatre list	getMovieTheatreList() <- return MovieTheatre List				
	SelectMovieTheatreToReview();	theatre list					
		Post theatre review	>	add	dReviewRecord();		
		return success/failure message					
		request logout/ destroy session	×				
	 <	return logout successful page					
	-						
alt	if (userType == ADMIN)	request pending account approvals					
	~	return list of pending approval requests			getApprovalPendingAccounts() return listOfPendingApprovalUsers()		
		approve the account			updateUserAccountStatus()		•
	<u> </u>	receive system update confirmation			return confirmationStatus()		
		request for the list of users in system			fetchU \$ erList() returnuserList()		→
	<	return list of user in system send block request for user		i	updateUser()		
	∢ ······	receive system update confirmation			return success/failure status		
		request for the report on movie theatre	getMovieTheatreStats();				
	<	return report for movie theatre	returnStats();				
		send request to email the report receive system confirmation	•	sendEmail(); returnStatus()			
		receive system confirmation request session logout					
		logout confirmaton	<u> </u>				
	DisplayLogillPage();						
alt	if (userType == MOVIE_THEA	ATRE)					

	1 1 1	post a movie show				! ! !		
		vatuus avatama aanfirmatian						
€		return system confirmation				1 		
Ų								
		request for active shows						
		request for delive onewe	>			1 1 1 1		
€		return active shows for theatre						
		cancel/update movie show						
≪	return co	onfirmation from system about update/cancel						
						1 		
4				니 :				
<u></u>		fetch active bookings for a show	→	H				
				fet	chActiveBookings()	•	†	
		return list of persons booked for show		returi	n activeBookingList()			
	cond inf	io amail ar undatas in chaw to backed users						
	send info email or updates in show to booked users		→		sendEmailRequest1	oUser()	•] !
		return system confirmation		 	return statusConfirm	ation()	ļ	
Ŭ ∻ ···-				<u> </u>			L	j
Ϊ				; 				
	send request to fetch movie theatre review					<u> </u>		
11						vovieTheatreReview()		•
≪		return list of reviews		│	r	eturn reviewList()		
Ļ				Ų		1 1 1		
		request session logout		; n				Ų
<		logout confirmaton						
<u> </u>	DisplayLoginPage();							
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