

Operation:	forgotPassword(email)
Cross Reference:	
Precondition:	<ul style="list-style-type: none"> • A valid email is provided to transmit a reset password link to the user's inbox.
Postcondition:	<ul style="list-style-type: none"> • A new password is registered to the account and can now be used to login via emailConfirmation().

Operation:	registerAccount(userName,password,email)
Cross Reference:	
Precondition:	<ul style="list-style-type: none"> • Valid userName, and password have been picked.
Postcondition:	<ul style="list-style-type: none"> • An email confirmation has been sent to the user's inbox via emailConfirtmation() upon successful registry. • The userID has been set.

Operation:	authenticate()
Cross Reference:	registerAccount()
Precondition:	<ul style="list-style-type: none"> • User has already used registerAccount() or forgotPassword() to gain access to their account.
Postcondition:	<ul style="list-style-type: none"> • User can login to their account and use the system to browse and purchase tickets to events.

Operation:	loadEvents()
Cross Reference:	Events
Precondition:	<ul style="list-style-type: none"> • Event list is populated with all events contained in the event object Array
Postcondition:	<ul style="list-style-type: none"> • Eventlist is browseable and can be further filtered through SEbyDate() and SEbyCategory

Operation:	setUserID(userID)
Cross Reference:	authenticate()
Precondition:	<ul style="list-style-type: none"> Authentication has successfully verified the userName and password
Postcondition:	<ul style="list-style-type: none"> userID for the container page has been set

Operation:	SEByDate(beginDate,endDate)
Cross Reference:	loadEvents
Precondition:	<ul style="list-style-type: none"> Events object has been populated with an array of event objects. userID may exist Fields for beginDate and endDate have been populated with a string and parsed as a javascript date object.
Postcondition:	<ul style="list-style-type: none"> filterEvents object has been populated with an array of event objects. filterEvents object has event objects that match the beginDate and endDate

Operation:	SEByCategory(categoryTxt)
Cross Reference:	loadEvents
Precondition:	<ul style="list-style-type: none"> Events object has been populated with an array of event objects. userID may exist Category field has been populated with categoryTxt: String
Postcondition:	<ul style="list-style-type: none"> SEByCategory(categoryTxt) is passed to the Sanitize() function.

Operation:	Sanitize(categoryTxt)
Cross Reference:	SEByCategory
Precondition:	<ul style="list-style-type: none"> SEByCategory(categoryTxt) has fired
Postcondition:	<ul style="list-style-type: none"> Category string has been parsed for common SQL commands SanitizedCategory is sent to the API filterEvents object has been populated with an array of event objects. filterEvents object has event objects that match the category string.

Operation:	Abuse Case: Sanitize(categoryTxt)
Cross Reference:	SEByCategory
Precondition:	<ul style="list-style-type: none"> SEByCategory(categoryTxt) has fired Common SQL term has been put into categoryTxt. IE(SELECT, DROP, UPDATE, etc...)
Postcondition:	<ul style="list-style-type: none"> Category string has been parsed for common SQL commands Common SQL terms are found Error text is produced

Operation:	addToCart(eventID,ticketID)
Cross Reference:	loadEvents
Precondition:	<ul style="list-style-type: none"> An Event from Events: {[Event]} or filterEvent: {[Event]} has been selected
Postcondition:	<ul style="list-style-type: none"> Event object and qty are sent to the Cart Class cart object.

Operation:	confirmation(ticketID[])
Cross Reference:	Use case 1: Actor buying tickets
Precondition:	<ul style="list-style-type: none"> ticketID != null.
Postcondition:	<ul style="list-style-type: none"> It'll confirm ticketID and pass it to Payment Confirmation as totalPrice()

Operation:	removeItem(ticketID)
Cross Reference:	Use case 1: Actor buying tickets
Precondition:	<ul style="list-style-type: none"> • ticketID != null.
Postcondition:	<ul style="list-style-type: none"> • It will remove ticketID number from list.

Operation:	clearCart(aty)
Cross Reference:	Use case 1: Actor buying tickets
Precondition:	<ul style="list-style-type: none"> • Must have variable amount aty != 0
Postcondition:	<ul style="list-style-type: none"> • It will clear amount to 0, resetting any stored variables to cart.

Operation:	completePurchase(confirmation())
Cross Reference:	Use case 1: Actor buying tickets
Precondition:	<ul style="list-style-type: none"> • Confirmation argument value != null
Postcondition:	<ul style="list-style-type: none"> • It will pass sendConfirmation() updateTotalTickets() to Payment.





