

Class	Method	Method Description
User	getName()	Returns the user's (user)name.
	getBalance()	Returns the amount of credit in this user's account
	addCredit(double)	Adds to the amount of credit in this user's account by the specified double parameter, up to a maximum of 999999.99
	removeCredit(double)	Subtracts from the amount of credit in this user's account by the specified double parameter, down to 0.00
	getType()	Returns the user's account type enum as a string
InputParser		
	parseTransaction(std::string)	
	parseTransacBalance(double)	Returns the amount as a string padded with 0's on the left (if needed) to fill 9 characters
	parseTransacName(std::string)	Returns the string padded with spaces on the right (if needed) to fill 15 characters
Transaction	isLoggedIn()	Returns true if a user is currently logged in (loggedInUser is not null). Returns false otherwise.
	addTransaction(std::string)	Appends the formatted string of the completed transaction to the list of transactions for the current user session
	isType(Type)	Returns true if the logged-in user's account type is of the specified Type parameter. Returns false otherwise.
	canBuy()	Returns true if the logged-in user can purchase event tickets. Returns false otherwise.
	canSell()	Returns true if the logged-in user can sell event tickets. Returns false otherwise.
Create		
	create()	Displays prompts to the user to create a new user in the database, will prompt the user for a username, type and current balance and performs checks to make sure these values are valid
	addTransaction(std::string)	Formats the transaction in the proper format and then adds it to the temporary transactions string to be later written to the dailytransactions file.
Delete		
	delete()	Prompts the user for a username to delete from the database, validates the username and then adds the transaction to the Dailytransaction file.
	addTransaction(std::string)	Formats the transaction in the proper format and then adds it to the temporary transactions string to be later written to the dailytransactions file.
Login		
	login()	Logs in the user checking to make sure its a valid time for the transaction, and sets the logged in user.
Logout		
	logout()	Logs out the currently logged in user if logged in, and calls to write the current transactions to the Dailytransaction file.
	writeToDailyFile()	Writes the list of transactions of the current user session to the daily transaction file. Called after logout() is called.
Buy		
	buy()	Displays prompts to allow the currently logged-in user to purchase event tickets (if their account type allows buying tickets)
	addTransaction(std::string, int, double)	Formats the buy transaction and calls the inherited Transaction::addTransaction(std::string) to add it to the list of transactions for the current user session
Sell		
	sell()	Displays prompts to allow the currently logged-in user to sell event tickets (if their account type allows selling tickets)
	addTransaction(std::string, int, double)	Formats the sell transaction and calls the inherited Transaction::addTransaction(std::string) to add it to the list of transactions for the current user session
AddCredit		
	addCredit()	Displays prompts to allow the currently logged-in user to add (up to \$1000.00 of) credit to their own account balance (to any existing user's account balance for admin users), per session
	addCredit(User, double)	Adds the specified double amount to the credit balance of the specified User parameter, up to a maximum of 999999.99
Refund		
	refund()	Displays prompts to allow the currently logged-in admin user to refund an input amount of credit from one user (seller) account to another user (buyer) account
	refund(User, User, double)	Adds to the credit balance of the first User parameter the specified double amount and subtracts from the credit balance that same amount from the second User parameter
	addTransaction(User, User, double)	Formats the refund transaction and calls the inherited Transaction::addTransaction(std::string) to add it to the list of transactions for the current user session