Function	Class	Return Type	Pre-Condition	Post Condition
updatePassword()	User	Null	Supplied password must meet password constraints. Analyst must exist in the system before the password can be updated	Password is updated
contactTeam(customerID)	Customer	Null	Customer must have at least one support personnel	System opens an outlook email populated with support team email addresses
getAPD(customerID)	Customer	Int	Customer must exist and have at least one record in OTC_AR	APD is updated with returned value
getACT(customerID, HST_PD. HST_YR): int	Customer	Int	Customer must exist and have at least one record in OTC_AR.	ACT is updated with returned value
getACTRange(customerID, startDate, endDate)	Customer	int	Customer must exist and have at least one record in OTC_AR.	ACT is updated with returned value
tieOut(HST_PD,HST_YR,CO_CD)	OTC_AR	Boolean	System must be connected to database	Value of tieOut is updated
calcAPD(customerID)	OTC_AR	int	System must be connected to database	Value is returned and APD is updated if called by customer class
calcACT(customerID, HST_PD. HST_YR)	OTC_AR	int	System must be connected to database	Value is returned and ACT is updated if called by customer class
calcACTRange(customerID, startDate, endDate)	OTC_AR	int	System must be connected to database	Value is returned and ACT is updated if called by customer class

updateKeystone()	OTC_AR	int	System must be connected to database	External DB is updated with changes made in the system copy
createSuggestions(accountsSupported, strategry)	Dashboard	Str Array	System must be connected to database and the user must be active in the system	Suggestions array of size x is created for the analyst based on current strategy set by director
getStrategy():	Dashboard	Null	A strategy must be set	busStrategy is updated with returned value
deductionBalance(accountsSupported)	OTC_AR	Float	System must be connected to the database	Returns deduction balance
calcAvgACT(accountsSupported)	OTC_AR	Float	System must be connected to the database	Returns Average ACT
getDeductionBalance(accountsSupported)	Dashboard	Float	System must be connected to the database	Value of dedBal is updated
getAvgACT(accountsSupported)	Dashboard	Float	System must be connected to the database	Value of avgACT is updated
getAccountsSupported(userID)	Dashboard	Str Array	System must be connected to the database	Value of accountsSupported is updated
getAtRisk(accountsSupported)			System must be connected to the database	Value of atRiskBal is updated
atRiskBalance(accountsSupported)	OTC_AR	Float	System must be connected to the database	Returns At Risk Balance
setStrategy()	Director	Int		Value of busStrategy is updated
adjustRole(userID)	Director	Null	System must be connected to database	Users role is updated in database
adjustACT(customerID)	User	null	System must be connected to the database	Value of ACT is updated in customer class

addTeamMember(id, first, last)	User	Null	System must be connected to the database	A new record is created in the database
assignAnalyst(analystID,customerID)	User	Null	Analyst and customer must both exist and be active	Analyst is either assigned or removed from a customer
assignManager(analystID,managerID)	User	Null	Manager and analyst must be active in the system. Manager must also have role type of a manager	Manager is assigned to a analyst
unlockAccount(userID)	User	Null	Account must exist and be active	Account is unlocked
adjustACT(customerID)	User	Null		