UC_11_Transactions Object Design

Entity:
revenueTransactionModel()

Methods:
- updateRevenueTransactionController()
- readRevenueTransactionBoundary()
- createRevenueTransactionBoundary()
- editRevenueTransactionBoundary()
- deleteRevenueTransactionBoundary()

Entity:
expenseTransactionModel()

Methods:
- updateExpenseTransactionController()
- createExpenseTransactionBoundary()
- readExpenseTransactionBoundary()
- editExpenseTransactionBoundary()
- deleteExpenseTransactionBoundary()

Variables:
- expenses[]
- revenues[]
- taxes[]
- transactionDates[]
- categories[]
- descriptions[]
- dailyBalances[]

UC_12_RetrieveGraphData Object Design

Entity:
graphDataModel()

Methods:
- buildGraphDataController()
- readGraphDataBoundary()
- readTaxBoundary()
- readNetProfitBoundary()
- readRevenueTransactionBoundary()

- readExpenseTransactionBoundary()

Variables:
- expenses[]
- revenues[]
- taxes[]
- transactionDates[]
- categories[]
- descriptions[]
- dailyBalances[]

Entity:
netProfitModel()

Methods:
- readNetProfitBoundary()
- readRevenueTransactionBoundary()
- readExpenseTransactionBoundary()

Variables:
- expenses[]
- revenues[]
- taxes[]
- transactionDates[]

Entity:
taxModel()

Methods:
- readTaxBoundary()
- readBusinessInformationBoundary()
- readRevenueTransactionBoundary()
- readExpenseTransactionBoundary()

Variables:
- expenses[]
- revenues[]
- taxes[]
- transactionDates[]
- categories[]
- businessName
- taxId
- businessAddress

Entity:
profitLossStatementModel()

Methods:
- readNetProfitBoundary()
- readTaxBoundary()
- readBusinessInformationBoundary()
- readRevenueTransactionBoundary()
- readExpenseTransactionBoundary()

Variables:
- expenses[]
- revenues[]
- taxes[]
- transactionDates[]
- categories[]
- businessName

UC_13_EditUserSettings Object Design

Entity Objects:

Entity:
userManagerModel()

Methods:
- updateUserController()
- readUserSettingsBoundary()
- editUserSettingsBoundary()

Variables:
- userFirstName
- userLastName
- userEmail
- userPassword
- userImage
- userBio
- userBankRouting
- userBankAccount
- userPhoneNumber
- isManager=true

Entity:
userEmployeeModel()

Methods:
- updateUserController()
- readUserSettingsBoundary()
- editUserSettingsBoundary()

Variables:
- userFirstNames[]
- userLastNames[]
- userEmails[]
- userPasswords[]
- userImages[]
- userBios[]
- userBankRoutings[]
- userBankAccounts[]
- userPhoneNumbers[]
- isManager[]=[false]
- hourlyWages[]

Entity:
businessInformationModel()

Methods:
- updateBusinessInformationController()
- readBusinessInformationBoundary()
- editBusinessInformationBoundary()

Variables:
- businessName
- taxId
- businessAddress
- businessPhoneNumber
- address
- city
- state
- zipCode