Dustin Johnson

Code Documentation

9/11/2022

CST451.BizLogic

* BizLogic
  + Database
    - CheckoutBizLogic
      * AddOrder() – new method
        + Takes in CheckoutDataModel
        + Inserts Order into [dbo].[Orders] and takes Order ID from insertion into variable
        + Inserts OrderLines into [dbo].[OrderLines] using Order ID
    - CustomerBizLogic
      * AddCustomer() – new method
        + Takes in CustomerDataModel object
        + Inserts data into [dbo].[Customer]
        + Returns CustomerDataModel object
      * LoginCustomer() – new method
        + Takes in CustomerDataModel object
        + Checks that user email and password are correct in the same record
        + Returns CustomerDataModel object
      * GetOne() – new method
        + Takes in CustomerDataModel object
        + Gets record that matches ID of model
        + Returns all data for CustomerDataModel
      * Update() – new method
        + Takes in CustomerDataModel object
        + Executes Update query on [dbo].[Customer] with new object data
        + Returns CustomerDataModel
      * Delete() – new method
        + Takes in CustomerDataModel object
        + Executes Delete query against [dbo].[Customer]
        + Returns CustomerDataModel
    - EmployeeBizLogic
      * Add() – new method
        + Takes in EmployeeDataModel object and bool IsAdmin value
        + Adds employee to [dbo].[Employees] if IsAdmin is true
        + Returns EmployeeDataModel object
      * Login() – new method
        + Takes in EmployeeDataModel object
        + Checks object values against records in [dbo].[Employee]
        + Returns EmployeeDataModel object with all values in DB if record existed
      * GetOne() – new method
        + Takes in EmployeeDataModel
        + Retrieves record in [dbo].[Employee] that matches EmployeeID
        + Returns EmployeeDataModel object with all values in DB if record existed
      * GetAll() – new method
        + Returns all records in [dbo].[Employee]
      * Update() – new method
        + Takes in EmployeeDataModel object
        + Executes Update query against [dbo].[Employee] with object data
        + Returns EmployeeDataModel object
      * Delete() – new method
        + Takes in EmployeeDataModel object and bool isAdmin
        + Executes Delete query against [dbo].[Employee] if isAdmin is true, otherwise returns with fail result
        + Returns EmployeeDataModel object
    - ProductBizLogic
      * GetOne() – new method
        + Takes in ProductDataModel object
        + Gets row in [dbo].[Product] where product ID matches
        + Returns ProductDataModel object
      * GetAll() – new method
        + Returns all rows in [dbo].[Product]
      * Add() – new method
        + Takes in ProductDataModel object
        + Inserts object into [dbo].[Product]
        + Returns ProductDataModel
      * Edit() – new method
        + Takes in ProductDataModel object
        + Executes Update query against [dbo].[Product]
        + Returns ProductDataModel
      * Delete() – new method
        + Takes in ProductDataModel object
        + Executes Delete query against [dbo].[Product]
        + Returns ProductDataModel