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Code Documentation – controllers

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CST451.Controllers

* CartController
  + \_factory : Factory
  + oFactory : Factory internal – grants Factory.cs access
  + ViewCart() – new method
    - HTTPGet
    - Pulls cart from session
    - Returns ViewCart.cshtml with CartViewModel object
  + RemoveFromCart – new method
    - HTTPGet
    - Takes in productID : int
    - Removes product from cart if user is logged in
    - Returns ViewCart.cshtml with CartViewModel object
* CheckoutController
  + \_factory : Factory
  + oFactory : Factory internal – grants Factory.cs access
  + Checkout() – new method
    - Setup CheckoutModel
    - Return Checkout.cshtml with CheckoutModel object
  + ProcessCheckout() – new method
    - Returns Error view if model is null
    - Executes AddOrder() method in Checkout helper
    - Returns ProcessCheckout.cshtml with CheckoutModel object
  + GetCart() – new private method
    - Returns CartViewModel from session
  + GetOrderLines() – new private method
    - Parses CartViewModel object to OrderLinesViewModel object
    - Returns OrderLinesViewModel object
* CustomerController
  + \_factory : Factory
  + oFactory : Factory internal – grants Factory.cs access
  + AddCustomer() – new method
    - HTTPGet
    - Returns AddCustomer.cshtml
  + AddCustomer() – new method
    - HTTPPost
    - Executes AddCustomer()
    - Returns AddCustomerResult.cshtml with CustomerViewModel object
  + Login() – new method
    - HTTPGet
    - Returns Login.cshtml
  + Login() - new method
    - HTTPPost
    - Executes Login()
    - Returns LoginResult.cshtml with CustomerViewModel object
  + Logout() – new method
    - Removes session keys from context
    - Returns Index.cshtml
  + GetCart() – new method
    - Returns Cart.cshtml with CartViewModel from session
  + EditCustomer() – new method
    - HTTPGet
    - Gets Customer details
    - Returns EditCustomer.cshtml with CustomerViewModel object
* EmployeeController
  + \_factory : Factory
  + oFactory : Factory internal – grants Factory.cs access
  + EmployeePortal() – new method
    - Returns EmployeePortal.cshtml
  + Login() – new method
    - Takes in EmployeeViewModel object
    - Executes Login()
    - If login() returns fail result, returns EmployeePortal with object to try again
    - Adds employee details to session and returns LoginResult.cshtml with EmployeeViewModel object
  + Logout() – new method
    - Removes session keys from context
    - Returns Index.cshtml
  + AddEmployee() – new method
    - HTTPGet
    - Returns AddEmployee.cshtml
  + AddEmployee() – new method
    - HTTPPost
    - Takes in EmployeeViewModel object
    - Executes AddEmployee()
    - Returns DisplayEmployee.cshtml with EmployeeViewModel object
  + FindEmployeeByEmplID() – new method
    - Returns FindEmployeebyEmplID.cshtml
  + EditEmployee() – new method
    - Takes in EmployeeViewModel object
    - Executes GetOne()
    - Returns EditEmployee.cshtml with EmployeeViewModelObject
  + ProcessEmployeeEdit() – new method
    - HTTPPost
    - Takes in EmployeeViewModel object
    - Executes UpdateEmployee()
    - Returns EditEmployee.cshtml with EmployeeViewModel object
  + AllEmployees() – new method
    - HTTPGet
    - Executes GetAll()
    - Returns AllEmployees.cshtml with List<EmployeeViewModel>
* ProductController
  + \_factory : Factory
  + oFactory : Factory internal – grants Factory.cs access
  + BrowseAll() – new method
    - Executes GetAll()
    - Returns BrowseAll.cshtml with List<ProductViewModel> object
  + AddToCart() – new method
    - Takes in productID : int
    - If user is logged in, executes GetOne(productID) and adds to Cart in session
    - Otherwise alerts user to login first
    - Returns BrowseAll.cshtml with List<ProductViewModel> object
  + AddProduct() – new method
    - HTTPGet
    - Return AddProduct.cshtml
  + AddProduct() - new method
    - HTTPPost
    - Takes in ProductViewModelObject
    - Executes AddProduct()
    - Returns AddProduct.cshtml with ProductViewModel
  + FindProductBySKU() – new method
    - Returns FindProductBySKU.cshtml
  + EditProduct() – new method
    - HTTPPost
    - Executes GetOne()
    - Returns EditProduct.cshtml with ProductViewModel object
  + ProcessEdit() – new method
    - httpPost
    - executes EditProduct()
    - returns EditProduct.cshtml with ProductViewModel object