

|Collection<|Order|tem>

NotifyCollectionChanged

-memberName

-memberName

Interface>>

+NotifyCollectionChangedEventHandler CollectionChanged{event}

+NotifyCollectionChangedEventHandler CollectionChanged{event}

+PropertyChanged: PropertyChangedEventHandler {event}

-drink: Drink

-side: Side

-entree: Entree

+Combo(Entree e, Drink d, Side s)

+Entree: Entree<<get>>><set>>

+Drink: Drink<<get>><<set>>

+Side: Side<<get>><<set>>

+Price: double<<get>><<set>>

+Calories: uint<<get>><<set>>

+order: List<IOrderItem>

-<u>nextOrderNumber</u>: int = 1

+Number: int<<get>><<set>>

+SalesTaxRate: double<<get>><<set>>

+Contains(lOrderItem item):bool

#OnPropertyChanged(string name)

+Add(IOrderItem){void} +Remove(IOrderItem){void}

+Clear(){void}

+CopyTo(IOrderItem[] array, int arrayIndex){void}

+CopyTo(IOrderItem[] array, int arrayIndex){void}

-CollectionItemChangedListener(object sender, PropertyChangedEventArgs e)

+GetEnumerator(): IEnumerator<IOrderItem> -IEnumerator IEnumerable. GetEnumerator()

-salesTaxRate: double

+Subtotal: double<<get>>

+Tax: double<<get>>

+Total: double<<get>>

+Calories: uint<<get>>

+IsReadOnly: bool

+Order()

+Count:int

#OnPropertyChanged(string name)

+SpecialInstructions:List<string><<get>><<set>>

+PropertyChanged: PropertyChangedEventHandler {event}

+CollectionChanged: NotifyCollectionChangedEventHandler{event}

-ltemPropertyChangedListener(object sender, PropertyChangedEventArgs e)

Price: double<<get>>>

Calories: uint<<get>>

SpecialInstructions: List<string><<get>>

+Entrees(): IEnumerable<IOrderItem>

+<u>FullMenu()</u>: IEnumerable<IOrderItem>

+<u>All</u>:IEnumerable<IOrderItem><<get>>><

IEnumerable<string>): IEnumerable<IOrderItem>

+<u>FilterByCalories</u>(IEnumerable<IOrderItem>, int? min, int?

stem.ComponentModel.INotifyPropertyChange

+PropertyChanged: PropertyChangedEventHandler {event}

+FilterByPrice(IEnumerable<IOrderItem>, double? min,

+<u>Search(string)</u>: IEnumerable<IOrderItem>

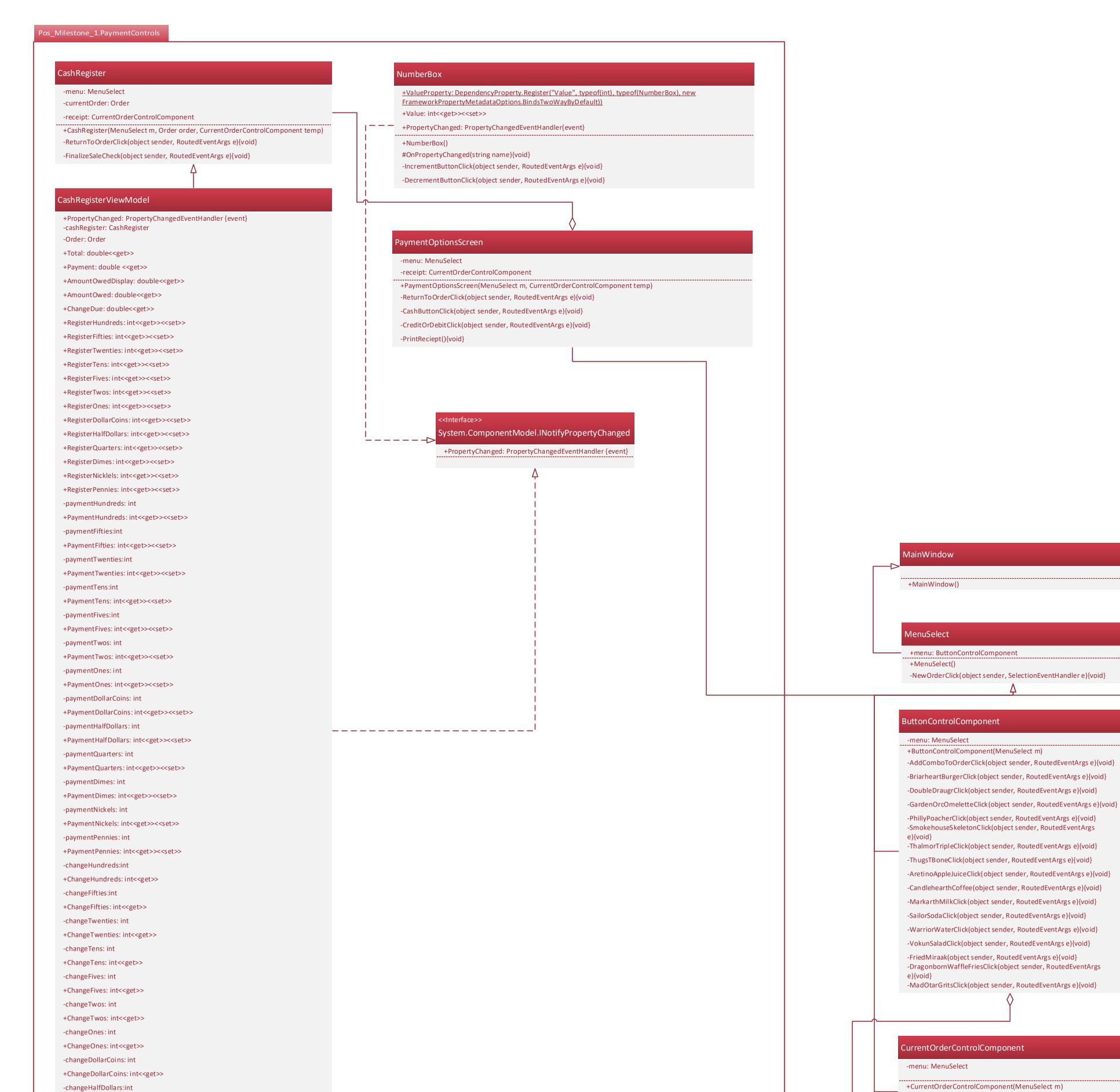
+<u>FilterByType</u>(IEnumerable<IOrderItem>,

double? max): IEnumerable<IOrderItem>

+<u>Drinks()</u>: IEnumerable<IOrderItem>

+Sides(): IEnumerable<IOrderItem>

max): IEnumerable<IOrderItem>



+ChangeHalfDollars: int<<get>>

+ChangeQuarters: int<<get>>>

+ChangeDimes: int<<get>>

+ChangeNickels: int<<get>>

+ChangePennies: int<<get>>

-ChangeOwedToCustomer(){void}

+CashRegisterViewModel(MenuSelect m, Order order, CashRegister cr)

-changeQuarters:int

-change Dimes:int

-changeNickels:int

-changePennies:int

+FinializeSale(){void}

-PrintReceipt(){void}

rivacyModel -_logger: ILogger<PrivacyModel> +PrivacyModel(ILogger<PrivacyModel> logger) +OnGet(){void} OS_Milestone1_1.ComboControlCompone ComboControl EntreeControl -menu: MenuSelect -menu: MenuSelect -combo: Combo -combo: Combo +ComboControl(MenuSelect m, Combo c, Order o) +EntreeControl(MenuSelect m, Combo c, Order o) -ChangeEntreeControlClick(object sender, RoutedEventArgs e){void} -ReturnToComboClick(object sender, RoutedEventArgs e){void} -ChangeDrinkControlClick(object sender, RoutedEventArgs e){void} -BriarheartBurgerClick(object sender, RoutedEventArgs e){void} -ChangeSideControlClick(object sender, RoutedEventArgs e){void} -DoubleDraugrClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs){void} -GardenOrcOmelette(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs){void} -PhillyPoacherClick(object sender, RoutedEventArgs e){void} -SmokehouseSkeletonClick(object sender, RoutedEventArgs e){void} -ThalmorTripleClick(object sender, RoutedEventArgs e){void} -ThugsTBoneClick(object sender, RoutedEventArgs e){void} inkComboControlComponent SideComboControlComponent -menu: MenuSelect -menu: MenuSelect -combo: Combo -combo: Combo +DrinkComboControlComponent(MenuSelect m, Combo c, Order o) +SideComboControlComponent(MenuSelect m, Combo c, Order o) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -ReturnToComboClick(object sender, RoutedEventArgs e){void} -AretinoAppleJuiceClick(object sender, RoutedEventArgs e){void} -DragonbornWaffleFriesClick(object sender, RoutedEventArgs e){void} -FriedMiraakClick(object sender, RoutedEventArgs e){void} -CandlehearthCoffeeClick(object sender, RoutedEventArgs e){void} -MadOtarGritsClick(object sender, RoutedEventArgs e){void} -MarkarthMilkClick(object sender, RoutedEventArgs e){void} -VokunSaladClick(object sender, RoutedEventArgs e){void} -SailorSodaClick(object sender, RoutedEventArgs e){void} -WarriorWaterClick(object sender, RoutedEventArgs e){void}

exModel

-_logger: readonly ILogger<ErrorModel>

+SearchTerms: string<<get>>><set>>

+Types: string[]<<get>><<set>>

+CalorieMin: int?<<get>><<set>>

+CalorieMax: int?<<get>><<set>>

+PriceMin: double?<<get>><<set>>

+PriceMax: double?<<get>><<set>>

+IndexModel(ILogger<IndexModel> logger)

double? PriceMin, double? PriceMax){void}

+MenuItems: IEnumerable<IOrderItem><<get>>><set>>

+OnGet(string, string[], int? CalorieMin, int? CalorieMax,

-memberName

+OnGet(){void}

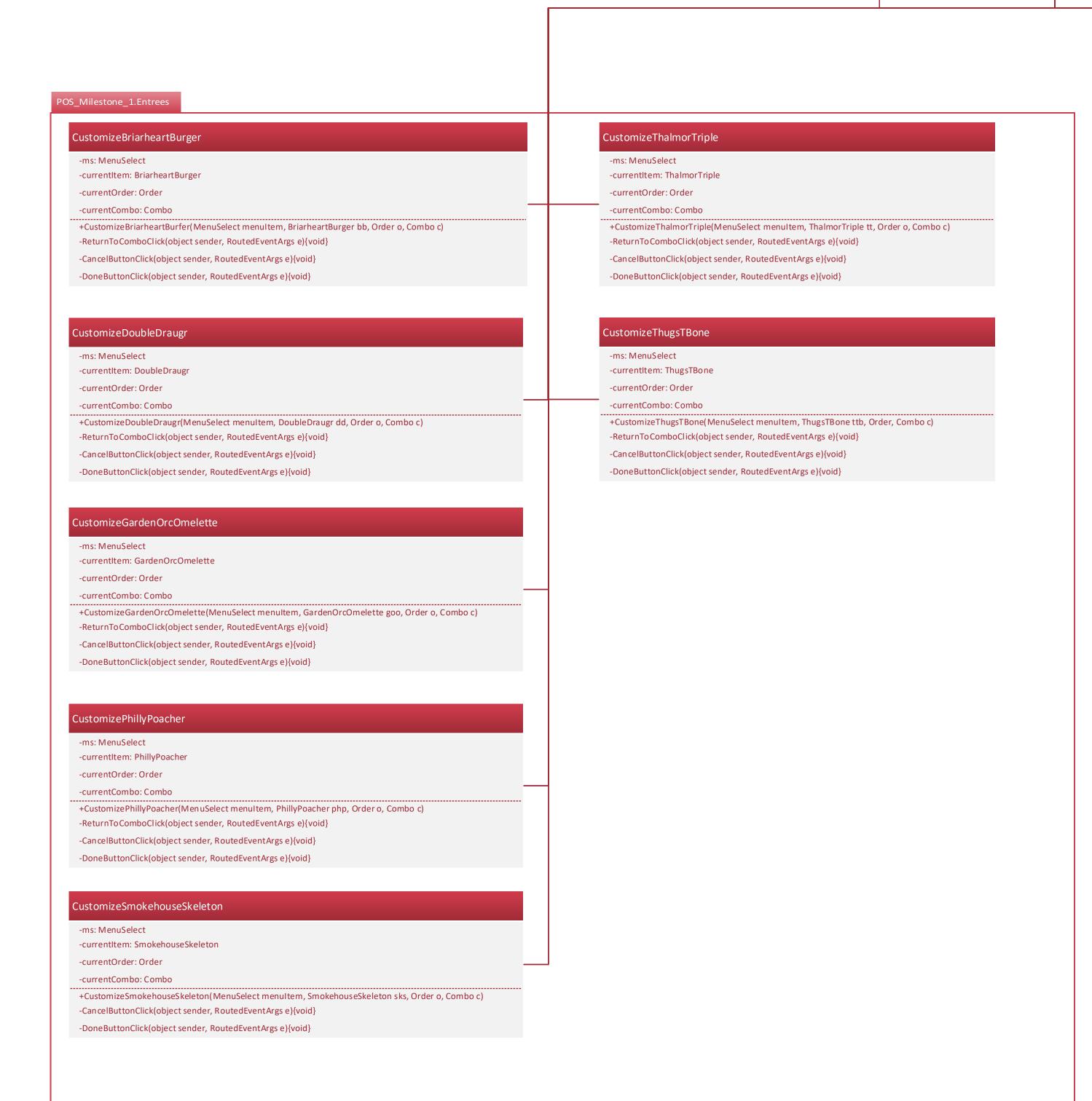
rorModel

+OnGet(){void}

+RequestId: string <<get>><<set>>

-_logger: readonly ILogger<ErrorModel> +ErrorModel(ILogger<ErrorModel> logger)

+ShowRequestId: bool <<get>>



MainWindow

lenuSelect

uttonControlComponent

-NewOrderClick(object sender, SelectionEventHandler e){void}

-PhillyPoacherClick(object sender, RoutedEventArgs e){void}

-SailorSodaClick(object sender, RoutedEventArgs e){void}

-VokunSaladClick(object sender, RoutedEventArgs e){void}

-CompleteOrderClick(object sender, RoutedEventArgs e){void}

-DeleteItemFromOrder(object sender, RoutedEventArgs e){void}

-CancelOrderClick(object sender, RoutedEventArgs e){void}

-EditExistingItem(object sender, RoutedEventArgs e){void}

rent Order Control Component

Selection Event Handler

+item: IOrderItem

-currentItem: AretinoAppleJuice -ms: MenuSelect -currentCombo: Combo -currentOrder: Order +CustomizeAretinoAppleJuice(MenuSelect menuItem, AretinoApplejuice aj, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomizeCandlehearthCoffee -currentItem: CandlehearthCoffee -ms: MenuSelect -currentCombo: Combo -currentOrder: Order +CustomizeCandlehearthCoffee(MenuSelect menuItem, CandlehearthCoffee chc, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomize Markarth Milk -currentItem: MarkarthMilk -ms: MenuSelect -currentCombo: Combo -currentOrder: Order +CustomizeMarkarthMilk(MenuSelect menuItem, MarkarthMilk mm, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ıstomizeSailorSoda -currentItem: SailorSoda -ms: MenuSelect -currentCombo: Combo -currentOrder: Order +CustomizeSailorSoda(MenuSelect menuItem, SailorSoda ss, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -flavorCheckboxChecked(object sender, RoutedEventArgs e) {void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomizeWarriorWater -currentItem: WarriorWater -ms: MenuSelect -currentCombo: Combo -currentOrder: Order +CustomizeWarriorWater(MenuSelect menuItem, WarriorWater ww, Order o, Combo c) -ReturnTo ComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void}

-sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void}

stomize Dragonborn Waffle Fries -ms: MenuSelect -currentItem: DragonbornWaffleFries -currentOrder: Order -currentCombo: Combo +CustomizeDragonWaffleFries(MenuSelect menuItem, DragonbornWaffleFries dwf, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomizeFried Miraak -ms: MenuSelect -currentItem: FriedMiraak -currentOrder: Order -currentCombo: Combo +CustomizeFriedMiraak(MenuSelect menuItem, FriedMiraak fm, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomize Mad Otar Grits -ms: MenuSelect -currentItem: MadOtarGrits -currentOrder: Order -currentCombo: Combo +CustomizeMadOtarGrits(MenuSelect menuItem, MadOtarGrits mog, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void} ustomizeVokunSalad -ms: MenuSelect -currentItem: VokunSalad -currentOrder: Order -currentCombo: Combo +CustomizeVokunSalad(MenuSelect menuItem, VokunSalad vs, Order o, Combo c) -ReturnToComboClick(object sender, RoutedEventArgs e){void} -CancelButtonClick(object sender, RoutedEventArgs e){void} -DoneButtonClick(object sender, RoutedEventArgs e){void} -sizeCheckBoxChecked(object sender, RoutedEventArgs e) {void}