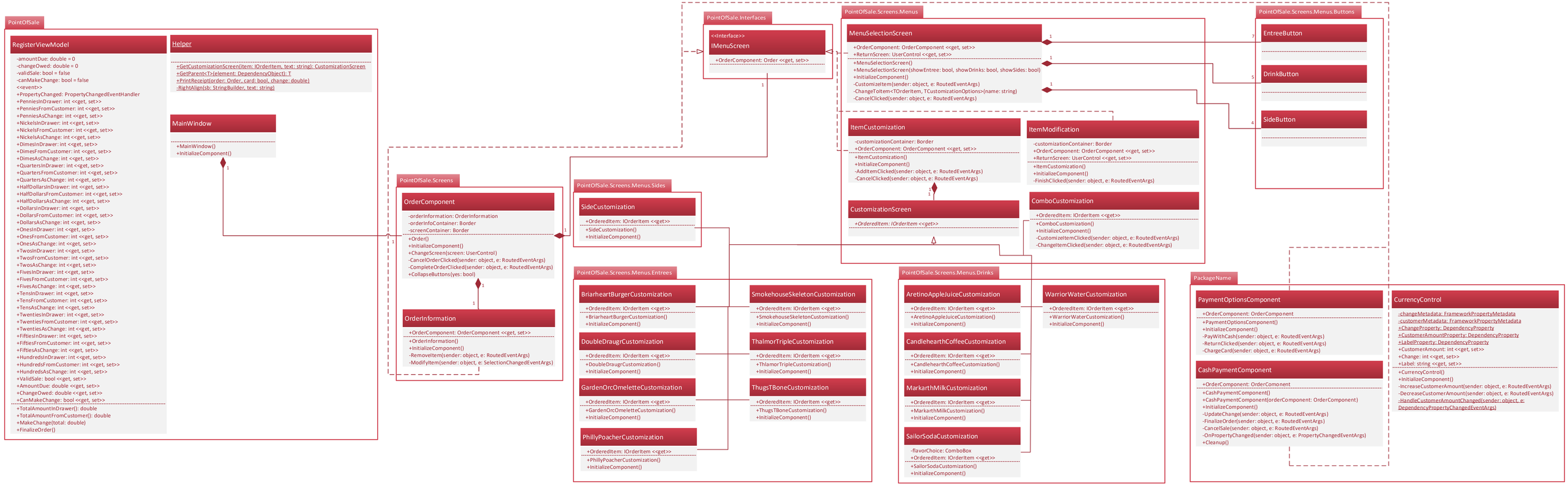
PointOfSale
RegisterViewModel
-amountDue: double = 0
-changeOwed: double = 0
-validSale: bool = false
-canMakeChange: bool = false
<<event>>
+PropertyChanged: PropertyChangedEventHandler
+PenniesInDrawer: int <<get, set>>
+PenniesFromCustomer: int <<get, set>>
+PenniesAsChange: int <<get, set>>
+NickelsInDrawer: int <<get, set>>
+NickelsFromCustomer: int <<get, set>>
+NickelsAsChange: int <<get, set>>
+DimesInDrawer: int <<get, set>>
+DimesFromCustomer: int <<get, set>>
+DimesAsChange: int <<get, set>>
+QuartersInDrawer: int <<get, set>>
+QuartersFromCustomer: int <<get, set>>
+QuartersAsChange: int <<get, set>>
+HalfDollarsInDrawer: int <<get, set>>
+HalfDollarsFromCustomer: int <<get, set>>
+HalfDollarsAsChange: int <<get, set>>
+DollarsInDrawer: int <<get, set>>
+DollarsFromCustomer: int <<get, set>>
+DollarsAsChange: int <<get, set>>
+OnesInDrawer: int <<get, set>>
+OnesFromCustomer: int <<get, set>>
+OnesAsChange: int <<get, set>>
+TwosInDrawer: int <<get, set>>
+TwosFromCustomer: int <<get, set>>
+TwosAsChange: int <<get, set>>
+FivesInDrawer: int <<get, set>>
+FivesFromCustomer: int <<get, set>>
+FivesAsChange: int <<get, set>>
+TensInDrawer: int <<get, set>>
+TensFromCustomer: int <<get, set>>
+TensAsChange: int <<get, set>>
+TwentiesInDrawer: int <<get, set>>
+TwentiesFromCustomer: int <<get, set>>
+TwentiesAsChange: int <<get, set>>
+FiftiesInDrawer: int <<get, set>>
+FiftiesFromCustomer: int <<get, set>>
+FiftiesAsChange: int <<get, set>>
+HundredsInDrawer: int <<get, set>>
+HundredsFromCustomer: int <<get, set>>
+HundredsAsChange: int <<get, set>>
+ValidSale: bool <<get, set>>
+AmountDue: double <<get, set>>
+ChangeOwed: double <<get, set>>
+CanMakeChange: bool <<get, set>>
+TotalAmountInDrawer(): double
+TotalAmountFromCustomer(): double
+MakeChange(total: double)
+FinalizeOrder()
Helper
+GetCustomizationScreen(item: IOrderItem, text: string): CustomizationScreen
+GetParent<T>(element: DependencyObject): T
+PrintReceipt(order: Order, card: bool, change: double)
-RightAlign(sb: StringBuilder, text: string)
MainWindow
+MainWindow()
+InitializeComponent()
1
PointOfSale.Interfaces
<<Interface>>
IMenuScreen
+OrderComponent: Order <<get, set>>
1
PointOfSale.Screens.Menus
MenuSelectionScreen
+OrderComponent: OrderComponent <<get, set>>
+ReturnScreen: UserControl <<get, set>>
+MenuSelectionScreen()
+MenuSelectionScreen(showEntree: bool, showDrinks: bool, showSides: bool)
+InitializeComponent()
-CustomizeItem(sender: object, e: RoutedEventArgs)
-ChangeToItem<TOrderItem, TCustomizationOptions>(name: string)
-CancelClicked(sender: object, e: RoutedEventArgs)
1
1
1
PointOfSale.Screens.Menus.Buttons
EntreeButton
DrinkButton
SideButton
7
5
4
ItemCustomization
-customizationContainer: Border
+OrderComponent: OrderComponent <<get, set>>
+ItemCustomization()
+InitializeComponent()
-AddItemClicked(sender: object, e: RoutedEventArgs)
-CancelClicked(sender: object, e: RoutedEventArgs)
ItemModification
-customizationContainer: Border
+OrderComponent: OrderComponent <<get, set>>
+ReturnScreen: UserControl <<get, set>>
+ItemCustomization()
+InitializeComponent()
-FinishClicked(sender: object, e: RoutedEventArgs)
1
CustomizationScreen
+OrderedItem: IOrderItem <<get>>
ComboCustomization
+OrderedItem: IOrderItem <<get>>
+ComboCustomization()
+InitializeComponent()
-CustomizeItemClicked(sender: object, e: RoutedEventArgs)
-ChangeItemClicked(sender: object, e: RoutedEventArgs)
PointOfSale.Screens
OrderComponent
-orderInformation: OrderInformation
-orderInfoContainer: Border
-screenContainer: Border
+Order()
+InitializeComponent()
+ChangeScreen(screen: UserControl)
-CancelOrderClicked(sender: object, e: RoutedEventArgs)
-CompleteOrderClicked(sender: object, e: RoutedEventArgs)
+CollapseButtons(yes: bool)
1
1
1
OrderInformation
+OrderComponent: OrderComponent <<get, set>>
+OrderInformation()
+InitializeComponent()
-RemoveItem(sender: object, e: RoutedEventArgs)
-ModifyItem(sender: object, e: SelectionChangedEventArgs)
PointOfSale.Screens.Menus.Sides
SideCustomization
+OrderedItem: IOrderItem <<get>>
+SideCustomization()
+InitializeComponent()
PointOfSale.Screens.Menus.Entrees
BriarheartBurgerCustomization
+OrderedItem: IOrderItem <<get>>
+BriarheartBurgerCustomization()
+InitializeComponent()
DoubleDraugrCustomization
+OrderedItem: IOrderItem <<get>>
+DoubleDraugrCustomization()
+InitializeComponent()
GardenOrcOmeletteCustomization
+OrderedItem: IOrderItem <<get>>
+GardenOrcOmeletteCustomization()
+InitializeComponent()
PhillyPoacherCustomization
+OrderedItem: IOrderItem <<get>>
+PhillyPoacherCustomization()
+InitializeComponent()
SmokehouseSkeletonCustomization
+OrderedItem: IOrderItem <<get>>
+SmokehouseSkeletonCustomization()
+InitializeComponent()
ThalmorTripleCustomization
+OrderedItem: IOrderItem <<get>>
+ThlamorTripleCustomization()
+InitializeComponent()
ThugsTBoneCustomization
+OrderedItem: IOrderItem <<get>>
+ThugsTBoneCustomization()
+InitializeComponent()
PointOfSale.Screens.Menus.Drinks
AretinoAppleJuiceCustomization
+OrderedItem: IOrderItem <<get>>
+AretinoAppleJuiceCustomization()
+InitializeComponent()
CandlehearthCoffeeCustomization
+OrderedItem: IOrderItem <<get>>
+CandlehearthCoffeeCustomization()
+InitializeComponent()
MarkarthMilkCustomization
+OrderedItem: IOrderItem <<get>>
+MarkarthMilkCustomization()
+InitializeComponent()
SailorSodaCustomization
-flavorChoice: ComboBox
+OrderedItem: IOrderItem <<get>>
+SailorSodaCustomization()
+InitializeComponent()
WarriorWaterCustomization
+OrderedItem: IOrderItem <<get>>
+WarriorWaterCustomization()
+InitializeComponent()
PackageName
PaymentOptionsComponent
+OrderComponent: OrderComponent
+PaymentOptionsComponent()
+InitializeComponent()
-PayWithCash(sender: object, e: RoutedEventArgs)
-ReturnClicked(sender: object, e: RoutedEventArgs)
-ChargeCard(sender: object, e: RoutedEventArgs)
CashPaymentComponent
+OrderComponent: OrderComponent
+CashPaymentComponent()
+CashPaymentComponent(orderComponent: OrderComponent)
+InitializeComponent()
-UpdateChange(sender: object, e: RoutedEventArgs)
-FinalizeOrder(sender: object, e: RoutedEventArgs)
-CancelSale(sender: object, e: RoutedEventArgs)
-OnPropertyChanged(sender: object, e: PropertyChangedEventArgs)
+Cleanup()
CurrencyControl
-changeMetadata: FrameworkPropertyMetadata
-customerMetadata: FrameworkPropertyMetadata
+ChangeProperty: DependencyProperty
+CustomerAmountProperty: DependencyProperty
+LabelProperty: DependencyProperty
+CustomerAmount: int <<get, set>>
+Change: int <<get, set>>
+Label: string <<get, set>>
+CurrencyControl()
+InitializeComponent()
-IncreaseCustomerAmount(sender: object, e: RoutedEventArgs)
-DecreaseCustomerAmount(sender: object, e: RoutedEventArgs)
-HandleCustomerAmountChanged(sender: object, e: DependencyPropertyChangedEventArgs)