

**<<Enumeration>>
Topping.cs**

- +Sausage
- +Pepperoni
- +Ham
- +Bacon
- +Olives
- +Onions
- +Mushrooms
- +Peppers
- +Pineapple

PizzaTopping.cs

- +ToppingType:Topping<get,set>
- +OnPizza:bool<get,set>
- +Name:string<get>
- +BaseCalories<get>

**<<Interface>>
IMenuItem**

- +Name:string<get>
- +Description:string<get>
- memberName
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +CaloriesTotal:uint<get>
- SpecialInstructions:IEnumerable<string><get>

Pizza.cs

- +Name:string<get>
- +Description:string<get>
- +Slices:uint<get>
- +PizzaSize:Size<get,set> = Size.Medium
- +PizzaCrust:Crust<get,set> = Crust.Original
- +PossibleToppings>List<PizzaTopping><get>
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +CaloriesTotal:uint<get>
- +SpecialInstructions:IEnumerable<string><get>
- +PropertyChanged: PropertyChangedEventHandler
- +Pizza()
- +GetTopping(Topping):PizzaTopping
- +ToString():string
- +OnPropertyChanged(propertyName:string):void

HawaiianPizza.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +SpecialInstructions:IEnumerable<string><get>
- +HawaiianPizza()

MeatsPizza.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +SpecialInstructions:IEnumerable<string><get>
- +MeatsPizza()

Supreme.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +SpecialInstructions:IEnumerable<string><get>
- +SupremePizza()

VeggiePizza.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +SpecialInstructions:IEnumerable<string><get>
- +VeggiePizza()

**<<Enumeration>>
Crust.cs**

- +Thin
- +Original
- +DeepDish

**<<Enumeration>>
Size.cs**

- +Small
- +Medium
- +Large

Side.cs

- +Name:string<get>
- +Description:string<get>
- +Count:uint<get,set> = 8 Count >=4 && Count <= 12
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +CaloriesTotal:uint<get>
- +SpecialInstructions:IEnumerable<string><get>
- +PropertyChanged: PropertyChangedEventHandler
- +ToString():string
- +OnPropertyChanged(propertyName:string):void

BreadSticks.cs

- +OnPropertyChanged(propertyName:string):void
- +Name:string<get>
- +Description:string<get>
- +Cheese:bool<get,set> = false
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>

CinnamonSticks.cs

- +Name:string<get>
- +Description:string<get>
- +Frosting:bool<get,set> = true
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>

GarlicKnots.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>

Wings.cs

- +Name:string<get>
- +Description:string<get>
- +BoneIn:bool<get,set> = true
- +Sauce:WingSauce<get,set> = WingSauce.Medium
- +Count:uint<get,set> = 4 Count >= 4 && Count <= 12
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>
- +Wings()

**<<Enumeration>>
WingSauce.cs**

- +Mild
- +Medium
- +Hot
- +HoneyBBQ

Drink.cs

- +Name:string<get>
- +Description:string<get>
- +Ice:bool<get,set> = true
- +DrinkSize:Size<get,set> = Size.Medium
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +CaloriesTotal:uint<get>
- +SpecialInstructions:IEnumerable<string><get>
- +PropertyChanged: PropertyChangedEventHandler
- +ToString():string
- +OnPropertyChanged(propertyName:string):void

IcedTea.cs

- +Name:string<get>
- +Description:string<get>
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>

Soda.cs

- +Name:string<get>
- +Description:string<get>
- +DrinkType:SodaFlavor<get,set> = SodaFlavor.Coke
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +SpecialInstructions:IEnumerable<string><get>

**<<Enumeration>>
Size.cs**

- +Small
- +Medium
- +Large

**<<Enumeration>>
SodaFlavor.cs**

- +Coke
- +DietCoke
- +DrPepper
- +Sprite
- +RootBeer

Order.cs

- +Subtotal:decimal<get>
- +TaxRate:decimal<get,set> = 0.0915
- +Tax:decimal<get>
- +Total:decimal<get>
- +Count:int<get>
- +IsReadOnly:bool<get, set> = false
- +PropertyChanged:PropertyChangedEventHandler
- +CollectionChanged:NotifyCollectionChangedEventHandler
- +Add(IMenuItem):void
- +Clear():void
- +Contains(IMenuItem):bool
- +CopyTo(IMenuItem[],int):void
- +GetEnumerator():IEnumerator<IMenuItem>
- +Remove(IMenuItem):bool
- IEnumerator.GetEnumerator():IEnumerator

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Crust.cs**

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- +Original
- +DeepDish

**<<Enumeration>>
Size.cs**

- +Small
- +Medium
- +Large

**<<Enumeration>>
SodaFlavor.cs**

- +Coke
- +DietCoke
- +DrPepper
- +Sprite
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Topping.cs**

- +Sausage
- +Pepperoni
- +Ham
- +Bacon
- +Olives
- +Onions
- +Mushrooms
- +Peppers
- +Pineapple

**<<Enumeration>>
WingSauce.cs**

- +Mild
- +Medium
- +Hot
- +HoneyBBQ

PizzaParlor.PointOfSale

System.Windows.Window (Base Class)

System.Windows.Controls.UserControl (Base Class)

MainWindow

- +MenuItemSelection:MenuItemSelectionControl<get,set>
- +OrderSummary:OrderSummaryControl<get,set>
- +MainWindow()

MenuItemSelectionControl

- +MenuItemSelectionControl()
- +BuildYourOwnClick(sender:object,e:RoutedEventArgs):void
- +SupremeClick(sender:object,e:RoutedEventArgs):void
- +MeatsClick(sender:object,e:RoutedEventArgs):void
- +VeggieClick(sender:object,e:RoutedEventArgs):void
- +HawaiianClick(sender:object,e:RoutedEventArgs):void
- +BreadsticksClick(sender:object,e:RoutedEventArgs):void
- +GarlicKnotsClick(sender:object,e:RoutedEventArgs):void
- +CinnamonSticksClick(sender:object,e:RoutedEventArgs):void
- +WingsClick(sender:object,e:RoutedEventArgs):void
- +SodaClick(sender:object,e:RoutedEventArgs):void
- +IcedTeaClick(sender:object,e:RoutedEventArgs):void

OrderSummaryControl

- +list:ListView<get,set>
- +OrderSummaryControl()

CountBox

- +CountBox

CustomizationEventArgs

- +MenuItem:MenuItem<get,set>
- +CustomizationEventArgs(m:MenuItem)

BreadsticksControl

- +BreadsticksControl()

CinnamonSticksControl

- +CinnamonSticksControl()

GarlicKnotsControl

- +GarlicKnotsControl()

HawaiianPizzaControl

- +HawaiianPizzaControl()

IcedTeaControl

- +IcedTeaControl()

MeatsPizzaControl

- +MeatsPizzaControl()

PizzaControl

- +PizzaControl()

SodaControl

- +SodaControl()

SupremePizzaControl

- +SupremePizzaControl()

VeggiePizzaControl

- +VeggiePizzaControl()

WingsControl

- +WingsControl()

**<<Interface>>
PizzaParlor.Data.IMenuItem**

- +Name:string<get>
- +Description:string<get>
- memberName
- +Price:decimal<get>
- +CaloriesPerEach:uint<get>
- +CaloriesTotal:uint<get>
- SpecialInstructions:IEnumerable<string><get>