Imports System.ComponentModel

Public Class frmOrder

' Create an instance of THT\_Helper class

Private objTHT\_Helper As THT\_Helper = New THT\_Helper()

' Create a binding list instance to store list of orders

Private lstOrderDetails As BindingList(Of OrderDetails) = New BindingList(Of OrderDetails)()

' Declare class members

Public objOrder As Order

Private subTotal As Decimal

Private totalQty As Integer

Private discount As Decimal

Private total As Decimal

' Clear form to make new order

Public Sub clearForm()

lstOrderDetails.Clear()

objOrder = Nothing

subTotal = 0

totalQty = 0

discount = 0

total = 0

txtDiscount.Text = ""

lblDiscount.Text = "$0.00"

lblSubTotal.Text = "$0.00"

lblTotal.Text = "$0.00"

lblTotalItems.Text = "$0.00"

btnPrint.Enabled = False

THT\_CATEGORYListBox.SelectedIndex = 0

THT\_CATEGORYListBox.Focus()

End Sub

' Load items and categories when load frmOrder

Private Sub frmOrder\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Me.THT\_ITEMTableAdapter.Fill(Me.THT\_DatabeseDataSet.THT\_ITEM)

Me.THT\_CATEGORYTableAdapter.Fill(Me.THT\_DatabeseDataSet.THT\_CATEGORY)

' Bind selected item list with class member bindinglist lslOrderDetails

lstSelectedItems.DataSource = lstOrderDetails

End Sub

' Delete a selected item from selected items for order

Private Sub btnDelete\_Click(sender As Object, e As EventArgs) Handles btnDelete.Click

If lstSelectedItems.SelectedIndex >= 0 Then

lstOrderDetails.RemoveAt(lstSelectedItems.SelectedIndex)

displayTotal()

Else

MessageBox.Show("Please select an item to delete.", "Info!")

End If

End Sub

' Delete all selected items for order

Private Sub btnClearAll\_Click(sender As Object, e As EventArgs) Handles btnClearAll.Click

lstOrderDetails.Clear()

displayTotal()

txtDiscount.Text = String.Empty

End Sub

' Close this form

Private Sub btnCancel\_Click(sender As Object, e As EventArgs) Handles btnCancel.Click

Me.Close()

End Sub

' save the order into database

Private Sub btnSave\_Click(sender As Object, e As EventArgs) Handles btnSave.Click

' if selected order item count more than zero then do the save stuff

If lstOrderDetails.Count > 0 Then

objOrder = New Order()

' Create and initialize order date

Dim orderDate As DateTime = Date.Now

orderDate = New DateTime(orderDate.Year, orderDate.Month, orderDate.Day, orderDate.Hour, orderDate.Minute, orderDate.Second)

objOrder.orderDate = orderDate

' Save order

If objTHT\_Helper.addOrder(objOrder) Then

Dim orderId As Integer = objTHT\_Helper.getCurrentOrderId()

If orderId > 0 Then

' Save all order details

For Each od As OrderDetails In lstOrderDetails

objTHT\_Helper.addOrderDetails(od, orderId)

Next

' Update order

displayTotal()

objOrder.orderId = orderId

objOrder.discount = discount

objOrder.total = total

If objTHT\_Helper.updateOrder(objOrder) Then

MessageBox.Show("Your order has been placed successfully.", "Done!")

' After order successfully saved enabled btnPrint to go to the invoice form

btnPrint.Enabled = True

Else

MessageBox.Show("Sorry! Order can't process.", "Failed!")

End If

End If

End If

End If

End Sub

' Open the form frmInvoice to do the payment and print the invoice

Private Sub btnPrint\_Click(sender As Object, e As EventArgs) Handles btnPrint.Click

Dim objFrmInvoice As frmInvoice = New frmInvoice(objOrder)

objFrmInvoice.ShowDialog()

' After payment and invoice print done clear the order form for new order

clearForm()

End Sub

' Add an item into selected item list or increase count of the previously selected item

Private Sub THT\_ITEMListBox\_Click(sender As Object, e As EventArgs) Handles THT\_ITEMListBox.Click

If THT\_ITEMListBox.SelectedIndex >= 0 Then

Dim flag As Boolean = False

Dim itemId As Integer = CType(THT\_ITEMListBox.SelectedValue, Integer)

Dim objItem As Item = objTHT\_Helper.getItemById(itemId)

If lstOrderDetails.Count > 0 Then

For index As Integer = 0 To lstOrderDetails.Count - 1 Step 1

Dim od As OrderDetails = CType(lstOrderDetails(index), OrderDetails)

If od.objItem.itemId = itemId Then

od.quantity += 1

od.calcCost()

flag = True

If lstOrderDetails.Remove(od) Then

lstOrderDetails.Insert(index, od)

End If

displayTotal()

Return

End If

Next index

End If

If Not flag Then

Dim objOrderDetails As OrderDetails = New OrderDetails()

objOrderDetails.objItem = objItem

objOrderDetails.quantity += 1

objOrderDetails.calcCost()

lstOrderDetails.Add(objOrderDetails)

End If

displayTotal()

End If

End Sub

' Calculate the current total of the selected items

Public Sub calculateOrder()

totalQty = 0

subTotal = 0

discount = 0

total = 0

For Each od As OrderDetails In lstOrderDetails

totalQty += od.quantity

subTotal += od.cost

Next

Dim discountRate As Decimal

If Decimal.TryParse(txtDiscount.Text, discountRate) Then

Else

discountRate = 0

End If

discount = (discountRate \* subTotal) / 100

total = subTotal - discount

End Sub

' Display the total

Public Sub displayTotal()

calculateOrder()

lblTotalItems.Text = totalQty.ToString & " nos"

lblDiscount.Text = discount.ToString("C2")

lblSubTotal.Text = subTotal.ToString("C2")

lblTotal.Text = total.ToString("C2")

End Sub

' After enter discount calculate and display total

Private Sub txtDiscount\_Leave(sender As Object, e As EventArgs) Handles txtDiscount.Leave

displayTotal()

End Sub

End Class