Public Class DroneDogsOrder

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

Dim numBeef, numPork, numTurkey, totDogs As Integer

Dim subtotal, salesTaxAmt, totalCost As Double

Const COST\_PER\_DOG As Double = 1.99

Const SALES\_TAX\_RATE As Double = 0.06

'We must do error handling to ensure that the user only users 0 or non-negative numbers

'While inputting quantities.

'The default values are set to 0.

Try

numBeef = Convert.ToInt32(txtBeefDogs.Text)

Catch ex As System.FormatException

' Show the exception's message.

'MessageBox.Show(ex.Message)

MessageBox.Show("BeefDog quantity encountered an error. Please start over and ensure " \_

& "only 0 or non-negative numbers are in the quantity box.")

btnClear\_Click(sender, e)

Exit Sub

' Show the stack trace, which is a list of methods

' that are currently executing.

'MessageBox.Show("Stack Trace: " & vbCrLf & ex.StackTrace)

Finally

' This line executes whether or not the exception occurs.

'MessageBox.Show("in Finally block")

End Try

Try

numPork = Convert.ToInt32(txtPorkDogs.Text)

Catch ex As System.FormatException

' Show the exception's message.

'MessageBox.Show(ex.Message)

MessageBox.Show("BeefDog quantity encountered an error. Please start over and ensure " \_

& "only 0 or non-negative numbers are in the quantity box.")

btnClear\_Click(sender, e)

Exit Sub

' Show the stack trace, which is a list of methods

' that are currently executing.

'MessageBox.Show("Stack Trace: " & vbCrLf & ex.StackTrace)

Finally

' This line executes whether or not the exception occurs.

'MessageBox.Show("in Finally block")

End Try

Try

numTurkey = Convert.ToInt32(txtTurkeyDogs.Text)

Catch ex As System.FormatException

' Show the exception's message.

'MessageBox.Show(ex.Message)

MessageBox.Show("BeefDog quantity encountered an error. Please start over and ensure " \_

& "only 0 or non-negative numbers are in the quantity box.")

btnClear\_Click(sender, e)

Exit Sub

' Show the stack trace, which is a list of methods

' that are currently executing.

'MessageBox.Show("Stack Trace: " & vbCrLf & ex.StackTrace)

Finally

' This line executes whether or not the exception occurs.

'MessageBox.Show("in Finally block")

End Try

'Some error handling to ensure that negative values are not entered into the order.

If (numBeef < 0) Or (numPork < 0) Or (numTurkey < 0) Then

MessageBox.Show("ERROR...Quantities cannot be a negative amount.")

btnClear\_Click(sender, e)

Exit Sub

End If

totDogs = numBeef + numPork + numTurkey

subtotal = totDogs \* COST\_PER\_DOG

'Throw an error message and reset if the subttotal is <= 0.

If (subtotal <= 0) Then

MessageBox.Show("ERROR...Subtotal cannot be 0 or a negative amount.")

btnClear\_Click(sender, e)

Exit Sub

End If

salesTaxAmt = subtotal \* SALES\_TAX\_RATE

totalCost = subtotal - salesTaxAmt

txtSubtotal.Text = subtotal.ToString("c2")

txtSalesTax.Text = salesTaxAmt.ToString("c2")

txtTotalCost.Text = totalCost.ToString("c2")

End Sub

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

'Close the form

'Enter a closing message, if you desire

'MessageBox.Show("Thank you for choosing DroneDogs")

Me.Close()

End Sub

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

'Make the customer form visible

CustomerForm.Show()

End Sub

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

'Clear all text fields

txtBeefDogs.Text = "0"

txtPorkDogs.Text = "0"

txtTurkeyDogs.Text = "0"

txtFirstName.Text = ""

txtLastName.Text = ""

txtEmail.Text = ""

txtSubtotal.Text = ""

txtSalesTax.Text = ""

txtTotalCost.Text = ""

End Sub

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

'Check the permission check box, the total cost text box and the email text box

'Display an error message if any of them are empty

'Otherwise, display a message box thanking them for ordering

If chkPermission.Checked = False Then

MessageBox.Show("ERROR...You must check the location permission check box.")

ElseIf txtTotalCost.Text = "" Then

MessageBox.Show("ERROR...You must order at least one item.")

ElseIf txtEmail.Text = "" Then

MessageBox.Show("ERROR...Please get customer information for this order.")

Else

MessageBox.Show("Thank you for ordering from DroneDogs!")

End If

End Sub

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

End Sub

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

'Set these to a default so the user doesn't have to enter 0 if they want nothing. If nothing is entered, the program will crash.

txtBeefDogs.Text = "0"

txtPorkDogs.Text = "0"

txtTurkeyDogs.Text = "0"

End Sub

Private Sub txtBeefDogs\_TextChanged(sender As Object, e As EventArgs) Handles txtBeefDogs.TextChanged

End Sub

End Class