' Michael Voell

' Spanish Food Inventory

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' Purpose: Show the inventory of a Spanish Food Store and calculate the total value of the intentory.

Option Strict On

Public Class frmFoodInventory

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

Me.Validate()

Me.StoreInventoryBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.SpanishfoodDataSet)

End Sub

Private Sub Form1\_Load(sender As System.Object, e As System.EventArgs) Handles MyBase.Load

'TODO: This line of code loads data into the 'SpanishfoodDataSet.StoreInventory' table. You can move, or remove it, as needed.

Try

Me.StoreInventoryTableAdapter.Fill(Me.SpanishfoodDataSet.StoreInventory)

Catch ex As Exception

MsgBox("Could not connect to database. Please try again.", , "Database Connection Error")

End Try

End Sub

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

' Select / Connecting to database

Dim strSQL As String = "SELECT \* FROM StoreInventory"

Dim strPath As String = "Provider=Microsoft.ACE.OLEDB.12.0;" & "Data Source=E:\Advanced VB\SpanishFoodStore\SpanishFoodStore\spanishfood.accdb"

Dim odaSpanishFood As New OleDb.OleDbDataAdapter(strSQL, strPath)

Dim datSpanishFoodFill As New DataTable

odaSpanishFood.Fill(datSpanishFoodFill)

odaSpanishFood.Dispose()

' Variables

Dim intCount As Integer = 0

Dim decTotal As Decimal

For intCount = 0 To datSpanishFoodFill.Rows.Count - 1

decTotal = decTotal + (Convert.ToDecimal(datSpanishFoodFill.Rows(intCount)("Cost per Item")) \* Convert.ToDecimal(datSpanishFoodFill.Rows(intCount)("Quantity")))

intCount += 1

Next

lblTotalValue.Text = "Total Value: " & decTotal.ToString("C")

End Sub

End Class

