'Ollie Stewart 10/10/18 ISYS 214.3

<Global.Microsoft.VisualBasic.CompilerServices.DesignerGenerated()>

Partial Class frmPatientBloodPressureReport

Inherits System.Windows.Forms.Form

'Form overrides dispose to clean up the component list.

<System.Diagnostics.DebuggerNonUserCode()> \_

Protected Overrides Sub Dispose(ByVal disposing As Boolean)

Try

If disposing AndAlso components IsNot Nothing Then

components.Dispose()

End If

Finally

MyBase.Dispose(disposing)

End Try

End Sub

'Required by the Windows Form Designer

Private components As System.ComponentModel.IContainer

'NOTE: The following procedure is required by the Windows Form Designer

'It can be modified using the Windows Form Designer.

'Do not modify it using the code editor.

<System.Diagnostics.DebuggerStepThrough()> \_

Private Sub InitializeComponent()

Dim resources As System.ComponentModel.ComponentResourceManager = New System.ComponentModel.ComponentResourceManager(GetType(frmPatientBloodPressureReport))

Me.lblTitle = New System.Windows.Forms.Label()

Me.btnDisplay = New System.Windows.Forms.Button()

Me.btnClear = New System.Windows.Forms.Button()

Me.btnExit = New System.Windows.Forms.Button()

Me.picPBPR = New System.Windows.Forms.PictureBox()

CType(Me.picPBPR, System.ComponentModel.ISupportInitialize).BeginInit()

Me.SuspendLayout()

'

'lblTitle

'

Me.lblTitle.AutoSize = True

Me.lblTitle.Font = New System.Drawing.Font("Modern No. 20", 18.0!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.lblTitle.Location = New System.Drawing.Point(215, 22)

Me.lblTitle.Name = "lblTitle"

Me.lblTitle.Size = New System.Drawing.Size(174, 50)

Me.lblTitle.TabIndex = 0

Me.lblTitle.Text = "Patient Blood" & Global.Microsoft.VisualBasic.ChrW(13) & Global.Microsoft.VisualBasic.ChrW(10) & "Presure Report"

Me.lblTitle.TextAlign = System.Drawing.ContentAlignment.MiddleCenter

'

'btnDisplay

'

Me.btnDisplay.Font = New System.Drawing.Font("Modern No. 20", 14.25!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.btnDisplay.Location = New System.Drawing.Point(250, 100)

Me.btnDisplay.Name = "btnDisplay"

Me.btnDisplay.Size = New System.Drawing.Size(104, 30)

Me.btnDisplay.TabIndex = 1

Me.btnDisplay.Text = "Display"

Me.btnDisplay.UseVisualStyleBackColor = True

'

'btnClear

'

Me.btnClear.Font = New System.Drawing.Font("Modern No. 20", 14.25!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.btnClear.Location = New System.Drawing.Point(250, 150)

Me.btnClear.Name = "btnClear"

Me.btnClear.Size = New System.Drawing.Size(104, 30)

Me.btnClear.TabIndex = 2

Me.btnClear.Text = "Clear"

Me.btnClear.UseVisualStyleBackColor = True

'

'btnExit

'

Me.btnExit.Font = New System.Drawing.Font("Modern No. 20", 14.25!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.btnExit.Location = New System.Drawing.Point(250, 200)

Me.btnExit.Name = "btnExit"

Me.btnExit.Size = New System.Drawing.Size(104, 30)

Me.btnExit.TabIndex = 3

Me.btnExit.Text = "Exit"

Me.btnExit.UseVisualStyleBackColor = True

'

'picPBPR

'

Me.picPBPR.BackgroundImage = CType(resources.GetObject("picPBPR.BackgroundImage"), System.Drawing.Image)

Me.picPBPR.BackgroundImageLayout = System.Windows.Forms.ImageLayout.Stretch

Me.picPBPR.Location = New System.Drawing.Point(0, 0)

Me.picPBPR.Name = "picPBPR"

Me.picPBPR.Size = New System.Drawing.Size(172, 251)

Me.picPBPR.TabIndex = 4

Me.picPBPR.TabStop = False

'

'frmPatientBloodPressureReport

'

Me.AutoScaleDimensions = New System.Drawing.SizeF(6.0!, 13.0!)

Me.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font

Me.ClientSize = New System.Drawing.Size(434, 251)

Me.Controls.Add(Me.picPBPR)

Me.Controls.Add(Me.btnExit)

Me.Controls.Add(Me.btnClear)

Me.Controls.Add(Me.btnDisplay)

Me.Controls.Add(Me.lblTitle)

Me.Name = "frmPatientBloodPressureReport"

Me.Text = "Patient Blood Pressure Report"

CType(Me.picPBPR, System.ComponentModel.ISupportInitialize).EndInit()

Me.ResumeLayout(False)

Me.PerformLayout()

End Sub

Friend WithEvents lblTitle As Label

Friend WithEvents btnDisplay As Button

Friend WithEvents btnClear As Button

Friend WithEvents btnExit As Button

Friend WithEvents picPBPR As PictureBox

End Class

'Ollie Stewart 10/10/18 ISYS 214.3

<Global.Microsoft.VisualBasic.CompilerServices.DesignerGenerated()>

Partial Class frmPatientInformation

Inherits System.Windows.Forms.Form

'Form overrides dispose to clean up the component list.

<System.Diagnostics.DebuggerNonUserCode()> \_

Protected Overrides Sub Dispose(ByVal disposing As Boolean)

Try

If disposing AndAlso components IsNot Nothing Then

components.Dispose()

End If

Finally

MyBase.Dispose(disposing)

End Try

End Sub

'Required by the Windows Form Designer

Private components As System.ComponentModel.IContainer

'NOTE: The following procedure is required by the Windows Form Designer

'It can be modified using the Windows Form Designer.

'Do not modify it using the code editor.

<System.Diagnostics.DebuggerStepThrough()> \_

Private Sub InitializeComponent()

Me.lblName = New System.Windows.Forms.Label()

Me.lblBPLevels = New System.Windows.Forms.Label()

Me.lstPatientNames = New System.Windows.Forms.ListBox()

Me.lstBloodPressureLevels = New System.Windows.Forms.ListBox()

Me.SuspendLayout()

'

'lblName

'

Me.lblName.AutoSize = True

Me.lblName.Font = New System.Drawing.Font("Modern No. 20", 15.75!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.lblName.Location = New System.Drawing.Point(36, 9)

Me.lblName.Name = "lblName"

Me.lblName.Size = New System.Drawing.Size(147, 24)

Me.lblName.TabIndex = 0

Me.lblName.Text = "Patient Names"

'

'lblBPLevels

'

Me.lblBPLevels.AutoSize = True

Me.lblBPLevels.Font = New System.Drawing.Font("Modern No. 20", 15.75!, System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.lblBPLevels.Location = New System.Drawing.Point(246, 9)

Me.lblBPLevels.Name = "lblBPLevels"

Me.lblBPLevels.Size = New System.Drawing.Size(151, 48)

Me.lblBPLevels.TabIndex = 1

Me.lblBPLevels.Text = "Blood Pressure" & Global.Microsoft.VisualBasic.ChrW(13) & Global.Microsoft.VisualBasic.ChrW(10) & "Levels"

Me.lblBPLevels.TextAlign = System.Drawing.ContentAlignment.MiddleCenter

'

'lstPatientNames

'

Me.lstPatientNames.Font = New System.Drawing.Font("Modern No. 20", 12.0!, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.lstPatientNames.FormattingEnabled = True

Me.lstPatientNames.ItemHeight = 18

Me.lstPatientNames.Location = New System.Drawing.Point(29, 39)

Me.lstPatientNames.Name = "lstPatientNames"

Me.lstPatientNames.Size = New System.Drawing.Size(161, 310)

Me.lstPatientNames.TabIndex = 2

'

'lstBloodPressureLevels

'

Me.lstBloodPressureLevels.Font = New System.Drawing.Font("Modern No. 20", 12.0!, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, CType(0, Byte))

Me.lstBloodPressureLevels.FormattingEnabled = True

Me.lstBloodPressureLevels.ItemHeight = 18

Me.lstBloodPressureLevels.Location = New System.Drawing.Point(241, 39)

Me.lstBloodPressureLevels.Name = "lstBloodPressureLevels"

Me.lstBloodPressureLevels.Size = New System.Drawing.Size(161, 310)

Me.lstBloodPressureLevels.TabIndex = 3

'

'frmPatientInformation

'

Me.AutoScaleDimensions = New System.Drawing.SizeF(6.0!, 13.0!)

Me.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font

Me.ClientSize = New System.Drawing.Size(434, 361)

Me.Controls.Add(Me.lstBloodPressureLevels)

Me.Controls.Add(Me.lstPatientNames)

Me.Controls.Add(Me.lblBPLevels)

Me.Controls.Add(Me.lblName)

Me.Name = "frmPatientInformation"

Me.Text = "frmPatientInformation"

Me.ResumeLayout(False)

Me.PerformLayout()

End Sub

Friend WithEvents lblName As Label

Friend WithEvents lblBPLevels As Label

Friend WithEvents lstPatientNames As ListBox

Friend WithEvents lstBloodPressureLevels As ListBox

End Class

'Program Name: Patient Blood Pressure Report

'Developer: Ollie Stewart

'Date: October 10, 2018

'Class: ISYS 214.3

'Purpose: This application uses a txt file of various patients' blood

' pressure reports and sorts out the names and blood pressures

' of the patients. It also writes a txt file of patients' names

' if their blood pressure is above 120.

Public Class frmPatientBloodPressureReport

'Class Level Private variables

'Private \_intLifeOfItems As Integer =

Public Shared \_intSizeOfArray As Integer = 15

Public Shared \_strNames(\_intSizeOfArray) As String

Public Shared \_strLevels(\_intSizeOfArray) As String

Private \_decLevels(\_intSizeOfArray) As Decimal

Private \_intLevels(\_intSizeOfArray) As Integer

Private lstPatientNames As Object

Private lstBloodPressureLevels As Object

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

'The frmPatientInformation load event reads the inventory text file

'and fills the Listbox object with the inventory items

'Initialize an instance of the StreamReader object and declare variables

Dim objReader As IO.StreamReader

Dim strLocationAndNameOfFile As String = "C:\Users\Ollie\Desktop\ISYS Data Files\9781285856896\_Data\Chapter 08\patient.txt"

Dim intCount As Integer = 0

Dim intFill As Integer

Dim strFileError As String = "The file is not available. Restart when the file is available."

'Verify the file exists

If IO.File.Exists(strLocationAndNameOfFile) Then

objReader = IO.File.OpenText(strLocationAndNameOfFile)

'Read the file line by line until the file is completed

Do While objReader.Peek <> -1

\_strNames(intCount) = objReader.ReadLine()

\_strNames(intCount) = objReader.ReadLine()

\_decLevels(intCount) = Convert.ToDecimal(\_strNames(intCount))

\_intLevels(intCount) = Convert.ToInt32(\_decLevels(intCount))

intCount += 1

Loop

objReader.Close()

'The Listbox object is filled with the Inventory IDs

For intFill = 0 To (\_strNames.Length - 1)

lstPatientNames.Items.Add(\_strNames(intFill))

Next

'The Listbox object is filled with the Inventory IDs

For intFill = 0 To (\_strLevels.Length - 1)

lstBloodPressureLevels.Items.Add(\_strNames(intFill))

Next

Else

MsgBox(strFileError, , "Error")

Close()

End If

End Sub

End Class