**S.I.BI.M**

***Programación***

**GSA**

|  |  |  |  |  |  |
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**TERCERA ENTREGA**

Índice

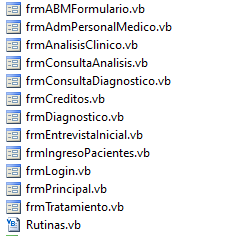
**Carátula 1**

**Índice 2  
Introducción** 3 **1) Identificación de las interfaces del sistema** 4  
**2) Código para la comprobación de datos ingresados** 4  
**3) Código fuente** 6  
**4) Usuarios y claves del sistema** 293  
**Bibliografía** 294

Introducción

Se desarrollará y documentará un sistema informático destinado a facilitar la gestión de registro de la actividad médico, dicho sistema será elaborado como un producto de predicción basado en la experiencia y la bibliografía académica.

1. Identificación de interfaces del sistema



1. Código para la comprobación de datos ingresados

Código que no permite el ingreso de números o símbolos

If Char.IsLetter(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = False

Else

e.Handled = True

MessageBox.Show("No se permite ingresar números o símbolos.", "ADVERTENCIA")

End If

Código que no permite el ingreso de espacios

If Char.IsNumber(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar espacios.", "ADVERTENCIA")

Else

e.Handled = False

End If

Código que no permite el ingreso de letras

If Char.IsNumber(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = False

Else

e.Handled = True

MessageBox.Show("No se permite ingresar letras.", "ADVERTENCIA")

End If

Para los casos en los que se utilizó más de un filtro, se utilizaron combinaciones de los códigos previamente mostrados.

3) Codigo Fuente:

Clases:

Analisis:

Public Class Analisis

Protected \_ci As Integer

Protected \_cimedico As Integer

Protected \_id As Integer

Protected \_tipo As String

Protected \_fecha As Date

Protected \_fechaatiende As Date

Protected \_resultado As String

Protected \_estadoborradop As Integer

Protected \_cn As ADODB.Connection

'Metodos constructores

Sub New()

\_ci = 0

\_cimedico = 0

\_id = 0

\_estadoborradop = 0

\_tipo = ""

\_fecha = New Date

\_fechaatiende = New Date

\_resultado = ""

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal cimedico As Integer, ByVal id As Integer, ByVal tipo As String, ByVal fecha As Date, ByVal fechaatiende As Date, ByVal resultado As String, ByVal cn As ADODB.Connection)

\_ci = ci

\_estadoborradop = estadoborradop

\_cimedico = cimedico

\_id = id

\_tipo = tipo

\_fecha = fecha

\_fechaatiende = fechaatiende

\_resultado = resultado

\_cn = cn

End Sub

'Get y set de las propiedades

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property cimedico As Integer

Get

Return (\_cimedico)

End Get

Set(ByVal value As Integer)

\_cimedico = value

End Set

End Property

Property id As Integer

Get

Return (\_id)

End Get

Set(ByVal value As Integer)

\_id = value

End Set

End Property

Property tipo As String

Get

Return (\_tipo)

End Get

Set(ByVal value As String)

\_tipo = value

End Set

End Property

Property fecha As Date

Get

Return (\_fecha)

End Get

Set(ByVal value As Date)

\_fecha = value

End Set

End Property

Property fechaatiende As Date

Get

Return (\_fechaatiende)

End Get

Set(ByVal value As Date)

\_fechaatiende = value

End Set

End Property

Property resultado As String

Get

Return (\_resultado)

End Get

Set(ByVal value As String)

\_resultado = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Analisis\_Clinico where CI\_Paciente=" & \_ci & " AND ID\_Analisis=" & \_id & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_resultado = rs("Resultado").Value

\_fecha = rs("Fecha\_Analisis").Value

\_tipo = rs("TipoAnalisis").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function idanalisis() As List(Of Integer)

Dim retorno As New List(Of Integer)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT ID\_Analisis FROM Analisis\_Clinico WHERE EstadoBorradoA= FALSE AND CI\_Paciente=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

MsgBox("1")

Else

sql = "select an.CI\_Paciente, pa.EstadoBorradoP, an.EstadoBorradoA from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente JOIN Atiende as a ON pa.CI\_Paciente=a.CI\_Paciente JOIN Analisis\_Clinico as an ON a.CI\_Paciente=an.CI\_Paciente where an.EstadoBorradoA = FALSE AND an.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function verifyci2() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente where pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "SELECT MAX(Fecha\_Atiende) AS Fecha\_AtiendeC FROM Atiende WHERE CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (5)

End Try

\_fechaatiende = rs("Fecha\_AtiendeC").Value

rs.Close()

sql2 = "SELECT CI\_Medico AS CI\_MedicoC FROM Atiende WHERE Fecha\_Atiende='" & Format(\_fechaatiende, "yyyy-MM-dd HH:mm:ss") & "' AND CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

Return (6)

End Try

\_cimedico = rs("CI\_MedicoC").Value

rs.Close()

sql3 = "insert into Analisis\_Clinico(CI\_Paciente, TipoAnalisis, Fecha\_Analisis, Resultado, CI\_Medico, Fecha\_Atiende) VALUES (" & \_ci & ",'" & \_tipo & "','" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "','" & \_resultado & "'," & \_cimedico & ",'" & Format(\_fechaatiende, "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (7)

End Try

sql4 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('3','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (3)

End Try

Else

sql = "update Analisis\_Clinico set TipoAnalisis='" & \_tipo & "', Fecha\_Analisis='" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "', Resultado='" & \_resultado & "' where ID\_Analisis=" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (8)

End Try

End If

End If

Return (retorno)

End Function

Function Eliminar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Analisis\_Clinico set EstadoBorradoA= TRUE where ID\_Analisis =" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function getci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select CI from Usuario\_Rol WHERE Usuario='" & cipub & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function comprobarFecha() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select Fecha\_Atiende from Atiende WHERE CI\_Paciente='" & \_ci & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

End If

rs.Close()

End If

Return (retorno)

End Function

End Class

Diagnosticos

Public Class Diagnosticos

Protected \_id As Integer

Protected \_ci As Integer

Protected \_tipo As String

Protected \_fecha As Date

Protected \_fechaatiende As Date

Protected \_nombreD As String

Protected \_descripcion As String

Protected \_estadoborradop As Integer

Protected \_enfactual As String

Protected \_cimedico As Integer

Protected \_cn As ADODB.Connection

'Metodos constructores

Sub New()

\_ci = 0

\_cimedico = 0

\_tipo = ""

\_enfactual = ""

\_fecha = New Date

\_fechaatiende = New Date

\_descripcion = ""

\_estadoborradop = 0

\_nombreD = ""

\_cn = New ADODB.Connection

\_id = 0

End Sub

Sub New(ByVal enfactual As String, ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal nombreD As String, ByVal cimedico As Integer, ByVal tipo As String, ByVal fechaatiende As Date, ByVal fecha As Date, ByVal descripcion As String, ByVal cn As ADODB.Connection, ByVal id As Integer)

\_ci = ci

\_enfactual = enfactual

\_estadoborradop = estadoborradop

\_tipo = tipo

\_fecha = fecha

\_fechaatiende = fechaatiende

\_descripcion = descripcion

\_cn = cn

\_id = id

\_nombreD = nombreD

\_cimedico = cimedico

End Sub

'Get y set de las propiedades

Property enfactual As String

Get

Return (\_enfactual)

End Get

Set(ByVal value As String)

\_enfactual = value

End Set

End Property

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property cimedico As Integer

Get

Return (\_cimedico)

End Get

Set(ByVal value As Integer)

\_cimedico = value

End Set

End Property

Property nombreD As String

Get

Return (\_nombreD)

End Get

Set(ByVal value As String)

\_nombreD = value

End Set

End Property

Property tipo As String

Get

Return (\_tipo)

End Get

Set(ByVal value As String)

\_tipo = value

End Set

End Property

Property fecha As Date

Get

Return (\_fecha)

End Get

Set(ByVal value As Date)

\_fecha = value

End Set

End Property

Property descripcion As String

Get

Return (\_descripcion)

End Get

Set(ByVal value As String)

\_descripcion = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Property id As Integer

Get

Return (\_id)

End Get

Set(ByVal value As Integer)

\_id = value

End Set

End Property

Property fechaatiende As Date

Get

Return (\_fechaatiende)

End Get

Set(ByVal value As Date)

\_fechaatiende = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Diagnostico as d JOIN Elabora as e ON d.ID\_Diag=e.ID\_Diag where e.ID\_Diag=" & \_id & " AND e.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_descripcion = rs("Descripcion\_Diag").Value

\_fecha = rs("Fecha\_Diag").Value

\_nombreD = rs("Tipo\_Diag").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

Dim sql4 As String

Dim sql5 As String

Dim sql6 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Diagnostico (Tipo\_Diag,Descripcion\_Diag) VALUES ('" & \_tipo & "','" & \_descripcion & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (4)

End Try

sql2 = "SELECT MAX(ID\_Diag) AS ID\_DiagC FROM Diagnostico;"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

Return (4)

End Try

\_id = rs("ID\_DiagC").Value

rs.Close()

sql3 = "SELECT MAX(Fecha\_Atiende) AS Fecha\_AtiendeC FROM Atiende WHERE CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql3, \_cn)

Catch ex As Exception

Return (5)

End Try

\_fechaatiende = rs("Fecha\_AtiendeC").Value

rs.Close()

sql4 = "SELECT CI\_Medico AS CI\_MedicoC FROM Atiende WHERE Fecha\_Atiende='" & Format(\_fechaatiende, "yyyy-MM-dd HH:mm:ss") & "' AND CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql4, \_cn)

Catch ex As Exception

Return (6)

End Try

\_cimedico = rs("CI\_MedicoC").Value

rs.Close()

sql5 = "insert into Elabora(ID\_Diag,Fecha\_Diag,Fecha\_Atiende,CI\_Medico,CI\_Paciente) VALUES (" & \_id & ",'" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "','" & Format(\_fechaatiende, "yyyy-MM-dd HH:mm:ss") & "'," & \_cimedico & "," & \_ci & ");"

Try

\_cn.Execute(sql5)

Catch ex As Exception

Return (2)

End Try

sql6 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('3','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql6)

Catch ex As Exception

Return (3)

End Try

Else

sql = "update Diagnostico set Tipo\_Diag='" & \_tipo & "', Descripcion\_Diag='" & \_descripcion & "' where ID\_Diag=" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (7)

End Try

sql = "update Elabora set Fecha\_Diag='" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "' where ID\_Diag=" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (8)

End Try

End If

End If

Return (retorno)

End Function

Function iddiag() As List(Of Integer)

Dim retorno As New List(Of Integer)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT e.ID\_Diag FROM Elabora as e JOIN Diagnostico as d ON e.ID\_Diag=d.ID\_Diag WHERE d.EstadoBorradoD=FALSE AND e.CI\_Paciente=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function Eliminar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Diagnostico set EstadoBorradoD= TRUE where ID\_Diag =" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function setenfactual() As Integer

Dim sql As String

Dim sql2 As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "SELECT MAX(Fecha\_Atiende) AS Fecha\_AtiendeC FROM Atiende WHERE CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (5)

End Try

\_fechaatiende = rs("Fecha\_AtiendeC").Value

rs.Close()

sql2 = "update Atiende set Enfermedad\_Actual='" & \_enfactual & "' where Fecha\_Atiende ='" & Format(\_fechaatiende, "yyyy-MM-dd HH:mm:ss") & "' AND CI\_Paciente=" & \_ci & ";"

Try

\_cn.Execute(sql2)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select e.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente JOIN Atiende as a ON pa.CI\_Paciente=a.CI\_Paciente JOIN Elabora as e ON a.CI\_Paciente=e.CI\_Paciente where e.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function verifyci2() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente where pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function tipodiag() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Tipo\_Diag FROM Diagnostico;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function getci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select CI from Usuario\_Rol WHERE Usuario='" & cipub & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function comprobarFecha() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select Fecha\_Atiende from Atiende WHERE CI\_Paciente='" & \_ci & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

End If

rs.Close()

End If

Return (retorno)

End Function

End Class

Entrevista Inicial

Imports System.Data.SqlClient

Public Class EntrevistaInicial

Protected \_ci As Integer

Protected \_estadoc As String

Protected \_gradoc As String

Protected \_movilidad As String

Protected \_actitud As String

Protected \_estadon As String

Protected \_gradoh As String

Protected \_motivoconsulta As String

Protected \_temperatura As Double

Protected \_pulso As String

Protected \_fechacb As Date

Protected \_frecuenciac As String

Protected \_frecuenciar As String

Protected \_fiebre As Integer

Protected \_dolor As Integer

Protected \_idp As Integer

Protected \_malestar As Integer

Protected \_otro As String

Protected \_enfermedad As String

Protected \_tipoenfactual As String

Protected \_tipoenfanterior As String

Protected \_enfermedadf As String

Protected \_cimedico As String

Protected \_nombreacompañante As String

Protected \_antecedentes As String

Protected \_nombrepaciente As String

Protected \_apellidopaciente As String

Protected \_estadoborradop As Integer

Protected \_fecha As Date

Protected \_boca As Integer

Protected \_brazo As Integer

Protected \_cabeza As Integer

Protected \_cuello As Integer

Protected \_dedo As Integer

Protected \_espalda As Integer

Protected \_estomago As Integer

Protected \_frente As Integer

Protected \_garganta As Integer

Protected \_hombro As Integer

Protected \_mano As Integer

Protected \_muslo As Integer

Protected \_munieca As Integer

Protected \_nariz As Integer

Protected \_ojo As Integer

Protected \_oreja As Integer

Protected \_pantorrilla As Integer

Protected \_pecho As Integer

Protected \_pie As Integer

Protected \_pierna As Integer

Protected \_rodilla As Integer

Protected \_tobillo As Integer

Protected \_trasero As Integer

Protected \_cn As ADODB.Connection

Sub New()

\_ci = 0

\_estadoborradop = 0

\_cimedico = 0

\_estadoc = ""

\_gradoc = ""

\_nombrepaciente = ""

\_apellidopaciente = ""

\_movilidad = ""

\_enfermedad = ""

\_enfermedadf = ""

\_actitud = ""

\_estadon = ""

\_gradoh = ""

\_motivoconsulta = ""

\_temperatura = 0

\_idp = 0

\_pulso = ""

\_frecuenciac = ""

\_frecuenciar = ""

\_tipoenfactual = ""

\_tipoenfanterior = ""

\_fiebre = 0

\_dolor = 0

\_malestar = 0

\_nombreacompañante = ""

\_otro = ""

\_boca = 0

\_brazo = 0

\_cabeza = 0

\_cuello = 0

\_dedo = 0

\_espalda = 0

\_estomago = 0

\_frente = 0

\_garganta = 0

\_hombro = 0

\_mano = 0

\_muslo = 0

\_munieca = 0

\_nariz = 0

\_ojo = 0

\_oreja = 0

\_pantorrilla = 0

\_pecho = 0

\_pie = 0

\_pierna = 0

\_rodilla = 0

\_tobillo = 0

\_trasero = 0

\_fechacb = New Date

\_fecha = New Date

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal nombrepaciente As String, ByVal apellidopaciente As String, ByVal idp As Integer, ByVal trasero As Integer, ByVal tobillo As Integer, ByVal rodilla As Integer, ByVal pierna As Integer, ByVal nariz As Integer, ByVal ojo As Integer, ByVal oreja As Integer, ByVal pantorilla As Integer, ByVal pecho As Integer, ByVal pie As Integer, ByVal hombro As Integer, ByVal mano As Integer, ByVal muslo As Integer, ByVal munieca As Integer, ByVal boca As Integer, ByVal brazo As Integer, ByVal cabeza As Integer, ByVal cuello As Integer, ByVal dedo As Integer, ByVal espalda As Integer, ByVal estomago As Integer, ByVal frente As Integer, ByVal garganta As Integer, ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal fechacb As Date, ByVal tipoenfactual As String, ByVal tipoenfanterior As String, ByVal cimedico As Integer, ByVal estadoc As String, ByVal antecedentes As String, ByVal nombreacompañante As String, ByVal enfermedad As String, ByVal enfermedadf As String, ByVal gradoc As String, ByVal movilidad As String, ByVal actitud As String, ByVal estadon As String, ByVal gradoh As Double, ByVal temperatura As Double, ByVal pulso As Double, ByVal frecuenciac As String, ByVal frecuenciar As String, ByVal fiebre As Integer, ByVal dolor As Integer, ByVal malestar As Integer, ByVal otro As String, ByVal motivoconsultatxt As String, ByVal fecha As Date, ByVal cn As ADODB.Connection)

\_ci = ci

\_idp = idp

\_nombrepaciente = nombrepaciente

\_apellidopaciente = apellidopaciente

\_fechacb = fechacb

\_tipoenfactual = tipoenfactual

\_estadoborradop = estadoborradop

\_tipoenfanterior = tipoenfanterior

\_cimedico = cimedico

\_estadoc = estadoc

\_gradoc = gradoc

\_movilidad = movilidad

\_actitud = actitud

\_estadon = estadon

\_gradoh = gradoh

\_motivoconsulta = motivoconsulta

\_temperatura = temperatura

\_pulso = pulso

\_frecuenciac = frecuenciac

\_frecuenciar = frecuenciar

\_fiebre = fiebre

\_dolor = dolor

\_malestar = malestar

\_enfermedad = enfermedad

\_enfermedadf = enfermedadf

\_antecedentes = antecedentes

\_otro = otro

\_fecha = fecha

\_nombreacompañante = nombreacompañante

\_boca = boca

\_brazo = brazo

\_cabeza = cabeza

\_cuello = cuello

\_dedo = dedo

\_espalda = espalda

\_estomago = estomago

\_frente = frente

\_garganta = garganta

\_hombro = hombro

\_mano = mano

\_muslo = muslo

\_munieca = munieca

\_nariz = nariz

\_ojo = ojo

\_oreja = oreja

\_pantorrilla = pantorrilla

\_pecho = pecho

\_pie = pie

\_pierna = pierna

\_rodilla = rodilla

\_tobillo = tobillo

\_trasero = trasero

\_cn = cn

End Sub

Property nombrepaciente As String

Get

Return (\_nombrepaciente)

End Get

Set(ByVal value As String)

\_nombrepaciente = value

End Set

End Property

Property apellidopaciente As String

Get

Return (\_apellidopaciente)

End Get

Set(ByVal value As String)

\_apellidopaciente = value

End Set

End Property

Property boca As Integer

Get

Return (\_boca)

End Get

Set(ByVal value As Integer)

\_boca = value

End Set

End Property

Property idp As Integer

Get

Return (\_idp)

End Get

Set(ByVal value As Integer)

\_idp = value

End Set

End Property

Property brazo As Integer

Get

Return (\_brazo)

End Get

Set(ByVal value As Integer)

\_brazo = value

End Set

End Property

Property cabeza As Integer

Get

Return (\_cabeza)

End Get

Set(ByVal value As Integer)

\_cabeza = value

End Set

End Property

Property cuello As Integer

Get

Return (\_cuello)

End Get

Set(ByVal value As Integer)

\_cuello = value

End Set

End Property

Property dedo As Integer

Get

Return (\_dedo)

End Get

Set(ByVal value As Integer)

\_dedo = value

End Set

End Property

Property espalda As Integer

Get

Return (\_espalda)

End Get

Set(ByVal value As Integer)

\_espalda = value

End Set

End Property

Property estomago As Integer

Get

Return (\_estomago)

End Get

Set(ByVal value As Integer)

\_estomago = value

End Set

End Property

Property frente As Integer

Get

Return (\_frente)

End Get

Set(ByVal value As Integer)

\_frente = value

End Set

End Property

Property garganta As Integer

Get

Return (\_garganta)

End Get

Set(ByVal value As Integer)

\_garganta = value

End Set

End Property

Property hombro As Integer

Get

Return (\_hombro)

End Get

Set(ByVal value As Integer)

\_hombro = value

End Set

End Property

Property mano As Integer

Get

Return (\_mano)

End Get

Set(ByVal value As Integer)

\_mano = value

End Set

End Property

Property muslo As Integer

Get

Return (\_muslo)

End Get

Set(ByVal value As Integer)

\_muslo = value

End Set

End Property

Property munieca As Integer

Get

Return (\_munieca)

End Get

Set(ByVal value As Integer)

\_munieca = value

End Set

End Property

Property nariz As Integer

Get

Return (\_nariz)

End Get

Set(ByVal value As Integer)

\_nariz = value

End Set

End Property

Property ojo As Integer

Get

Return (\_ojo)

End Get

Set(ByVal value As Integer)

\_ojo = value

End Set

End Property

Property oreja As Integer

Get

Return (\_oreja)

End Get

Set(ByVal value As Integer)

\_oreja = value

End Set

End Property

Property pantorrilla As Integer

Get

Return (\_pantorrilla)

End Get

Set(ByVal value As Integer)

\_pantorrilla = value

End Set

End Property

Property pecho As Integer

Get

Return (\_pecho)

End Get

Set(ByVal value As Integer)

\_pecho = value

End Set

End Property

Property pie As Integer

Get

Return (\_pie)

End Get

Set(ByVal value As Integer)

\_pie = value

End Set

End Property

Property pierna As Integer

Get

Return (\_pierna)

End Get

Set(ByVal value As Integer)

\_pierna = value

End Set

End Property

Property rodilla As Integer

Get

Return (\_rodilla)

End Get

Set(ByVal value As Integer)

\_rodilla = value

End Set

End Property

Property tobillo As Integer

Get

Return (\_tobillo)

End Get

Set(ByVal value As Integer)

\_tobillo = value

End Set

End Property

Property trasero As Integer

Get

Return (\_trasero)

End Get

Set(ByVal value As Integer)

\_trasero = value

End Set

End Property

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property fechacb As Date

Get

Return (\_fechacb)

End Get

Set(ByVal value As Date)

\_fechacb = value

End Set

End Property

Property tipoenfactual As String

Get

Return (\_tipoenfactual)

End Get

Set(ByVal value As String)

\_tipoenfactual = value

End Set

End Property

Property tipoenfanterior As String

Get

Return (\_tipoenfanterior)

End Get

Set(ByVal value As String)

\_tipoenfanterior = value

End Set

End Property

Property cimedico As Integer

Get

Return (\_cimedico)

End Get

Set(ByVal value As Integer)

\_cimedico = value

End Set

End Property

Property estadoc As String

Get

Return (\_estadoc)

End Get

Set(ByVal value As String)

\_estadoc = value

End Set

End Property

Property antecedentes As String

Get

Return (\_antecedentes)

End Get

Set(ByVal value As String)

\_antecedentes = value

End Set

End Property

Property gradoc As String

Get

Return (\_gradoc)

End Get

Set(ByVal value As String)

\_gradoc = value

End Set

End Property

Property nombreacompañante As String

Get

Return (\_nombreacompañante)

End Get

Set(ByVal value As String)

\_nombreacompañante = value

End Set

End Property

Property movilidad As String

Get

Return (\_movilidad)

End Get

Set(ByVal value As String)

\_movilidad = value

End Set

End Property

Property enfermedad As String

Get

Return (\_enfermedad)

End Get

Set(ByVal value As String)

\_enfermedad = value

End Set

End Property

Property enfermedadf As String

Get

Return (\_enfermedadf)

End Get

Set(ByVal value As String)

\_enfermedadf = value

End Set

End Property

Property actitud As String

Get

Return (\_actitud)

End Get

Set(ByVal value As String)

\_actitud = value

End Set

End Property

Property estadon As String

Get

Return (\_estadon)

End Get

Set(ByVal value As String)

\_estadon = value

End Set

End Property

Property gradoh As String

Get

Return (\_gradoh)

End Get

Set(ByVal value As String)

\_gradoh = value

End Set

End Property

Property motivoconsulta As String

Get

Return (\_motivoconsulta)

End Get

Set(ByVal value As String)

\_motivoconsulta = value

End Set

End Property

Property temperatura As Double

Get

Return (\_temperatura)

End Get

Set(ByVal value As Double)

\_temperatura = value

End Set

End Property

Property pulso As String

Get

Return (\_pulso)

End Get

Set(ByVal value As String)

\_pulso = value

End Set

End Property

Property frecuenciac As String

Get

Return (\_frecuenciac)

End Get

Set(ByVal value As String)

\_frecuenciac = value

End Set

End Property

Property frecuenciar As String

Get

Return (\_frecuenciar)

End Get

Set(ByVal value As String)

\_frecuenciar = value

End Set

End Property

Property otro As String

Get

Return (\_otro)

End Get

Set(ByVal value As String)

\_otro = value

End Set

End Property

Property fiebre As Integer

Get

Return (\_fiebre)

End Get

Set(ByVal value As Integer)

\_fiebre = value

End Set

End Property

Property dolor As Integer

Get

Return (\_dolor)

End Get

Set(ByVal value As Integer)

\_dolor = value

End Set

End Property

Property malestar As Integer

Get

Return (\_malestar)

End Get

Set(ByVal value As Integer)

\_malestar = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Property fecha As Date

Get

Return (\_fecha)

End Get

Set(ByVal value As Date)

\_fecha = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Atiende WHERE Fecha\_Atiende='" & Format(\_fechacb, "yyyy-MM-dd HH:mm:ss") & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_actitud = rs("Actitud").Value

\_antecedentes = rs("Antecedentes\_Personales").Value

\_dolor = rs("Dolor").Value

\_enfermedad = rs("Enfermedad\_Actual").Value

\_enfermedadf = rs("Enfermedad\_Familiar").Value

\_estadoc = rs("Estado\_De\_Conciencia").Value

\_estadon = rs("Estado\_De\_Nutricion").Value

\_fiebre = rs("Fiebre").Value

\_frecuenciac = rs("Frecuencia\_Cardiaca").Value

\_frecuenciar = rs("Frecuencia\_Respiratoria").Value

\_gradoc = rs("Grado\_De\_Colaboracion").Value

\_gradoh = rs("Grado\_De\_Hidratacion").Value

\_malestar = rs("Malestar").Value

\_motivoconsulta = rs("Motivo").Value

\_movilidad = rs("Movilidad").Value

\_nombreacompañante = rs("Nombre\_Acompaniante").Value

\_otro = rs("Otro").Value

\_pulso = rs("Pulso").Value

\_temperatura = rs("Temperatura").Value

\_tipoenfactual = rs("Tipo\_EnfermedadActual").Value

\_tipoenfanterior = rs("Tipo\_EnfermedadAnterior").Value

\_cimedico = rs("CI\_Medico").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Atiende (CI\_Paciente, Estado\_De\_Conciencia, Grado\_De\_Colaboracion, Movilidad, Grado\_De\_Hidratacion, Motivo, Temperatura, Frecuencia\_Cardiaca, Frecuencia\_Respiratoria, Otro, Actitud, Estado\_de\_Nutricion, Pulso, Enfermedad\_Actual, Nombre\_Acompaniante, Enfermedad\_Familiar, Antecedentes\_Personales, Fiebre, Dolor, Malestar, Fecha\_Atiende, CI\_Medico, Tipo\_EnfermedadActual, Tipo\_EnfermedadAnterior) VALUES ('" & \_ci & "','" & \_estadoc & "','" & \_gradoc & "','" & \_movilidad & "','" & \_gradoh & "','" & \_motivoconsulta & "','" & \_temperatura & "','" & \_frecuenciac & "','" & \_frecuenciar & "','" & \_otro & "','" & \_actitud & "','" & \_estadon & "','" & \_pulso & "','" & \_enfermedad & "','" & \_nombreacompañante & "','" & \_enfermedadf & "','" & \_antecedentes & "','" & \_fiebre & "','" & \_dolor & "','" & \_malestar & "','" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "','" & \_cimedico & "','" & \_tipoenfactual & "','" & \_tipoenfanterior & "');"

Try

cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

sql2 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('2','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql2)

Catch ex As Exception

MsgBox(ex.ToString)

Return (3)

End Try

End If

End If

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente where pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function verifyci2() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente JOIN Atiende as a ON pa.CI\_Paciente=a.CI\_Paciente where a.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function buscardolor() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from PartesCuerpo as pc JOIN Incluye as i ON pc.ID\_Partes=i.ID\_Partes JOIN Atiende as a ON i.CI\_Paciente=a.CI\_Paciente where i.Fecha\_Atiende='" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_boca = rs("Boca").Value

\_brazo = rs("Brazo").Value

\_cabeza = rs("Cabeza").Value

\_cuello = rs("Cuello").Value

\_dedo = rs("Dedo").Value

\_espalda = rs("Espalda").Value

\_estomago = rs("Estomago").Value

\_frente = rs("Frente").Value

\_garganta = rs("Garganta").Value

\_hombro = rs("Hombro").Value

\_mano = rs("Mano").Value

\_muslo = rs("Muslo").Value

\_munieca = rs("Munieca").Value

\_nariz = rs("Nariz").Value

\_ojo = rs("Ojo").Value

\_oreja = rs("Oreja").Value

\_pantorrilla = rs("Pantorrilla").Value

\_pecho = rs("Pecho").Value

\_pie = rs("Pie").Value

\_pierna = rs("Pierna").Value

\_rodilla = rs("Rodilla").Value

\_tobillo = rs("Tobillo").Value

\_trasero = rs("Trasero").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function actitudE() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Actitud FROM Atiende;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function fechafunc() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT Fecha\_Atiende FROM Atiende WHERE CI\_Paciente= " & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function estadonE() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Estado\_De\_Nutricion FROM Atiende;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function pulsoE() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Pulso FROM Atiende;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function Guardar2(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into PartesCuerpo (Cabeza, Cuello, Brazo, Mano, Muslo, Pantorrilla, Oreja, Hombro, Espalda, Trasero, Tobillo, Ojo, Nariz, Boca, Munieca, Dedo, Pierna, Frente, Garganta, Pecho, Estomago, Rodilla, Pie) VALUES ('" & \_cabeza & "','" & \_cuello & "','" & \_brazo & "','" & \_mano & "','" & \_muslo & "','" & \_pantorrilla & "','" & \_oreja & "','" & \_hombro & "','" & \_espalda & "','" & \_trasero & "','" & \_tobillo & "','" & \_ojo & "','" & \_nariz & "','" & \_boca & "','" & \_munieca & "','" & \_dedo & "','" & \_pierna & "','" & \_frente & "','" & \_garganta & "','" & \_pecho & "','" & \_estomago & "','" & \_rodilla & "','" & \_pie & "');"

Try

cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

sql2 = "SELECT MAX(ID\_Partes) AS ID\_PartesC FROM PartesCuerpo;"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (3)

End Try

\_idp = rs("ID\_PartesC").Value

sql3 = "insert into Incluye (ID\_Partes, CI\_Paciente, CI\_Medico, Fecha\_Atiende) VALUES ('" & \_idp & "','" & \_ci & "','" & \_cimedico & "','" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "');"

Try

cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

End If

End If

Return (retorno)

End Function

Function tabladata1() As DataTable

Dim retorno As New DataTable

Dim rs As New ADODB.Recordset

Dim da As New OleDb.OleDbDataAdapter

Dim sql As String

sql = "select Enfermedad\_Actual as 'Enfermedad' from vista\_SintomasAtiendeSD where Dolor =" & \_dolor & " AND Fiebre =" & \_fiebre & " AND Malestar =" & \_malestar & " AND Otro='" & \_otro & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (retorno)

End Try

da.Fill(retorno, rs)

Return (retorno)

End Function

Function tabladata2() As DataTable

Dim retorno As New DataTable

Dim rs As New ADODB.Recordset

Dim da As New OleDb.OleDbDataAdapter

Dim sql As String

sql = "select Enfermedad\_Actual as 'Enfermedad' from vista\_SintomasAtiendeCD where Dolor =" & \_dolor & " AND Fiebre =" & \_fiebre & " AND Malestar =" & \_malestar & " AND Otro='" & \_otro & "' AND Cabeza =" & \_cabeza & " AND Cuello =" & \_cuello & " AND Brazo=" & \_brazo & " AND Mano =" & \_mano & " AND Muslo =" & \_muslo & " AND Pantorrilla=" & \_pantorrilla & " AND Oreja =" & \_oreja & " AND Hombro =" & \_hombro & " AND Espalda=" & \_espalda & " AND Trasero =" & \_trasero & " AND Tobillo =" & \_tobillo & " AND Ojo=" & \_ojo & " AND Nariz =" & \_nariz & " AND Boca =" & \_boca & " AND Munieca=" & \_munieca & " AND Dedo =" & \_dedo & " AND Pierna =" & \_pierna & " AND Frente=" & \_frente & " AND Garganta =" & \_garganta & " AND Pecho =" & \_pecho & " AND Estomago=" & \_estomago & " AND Rodilla =" & \_rodilla & " AND Pie=" & \_pie & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (retorno)

End Try

da.Fill(retorno, rs)

Return (retorno)

End Function

Function nomape() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select Primer\_Nombre, Primer\_Apellido from Persona where CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_nombrepaciente = rs("Primer\_Nombre").Value

\_apellidopaciente = rs("Primer\_Apellido").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function confirmarenf() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Atiende set Enfermedad\_Actual='" & \_enfermedad & "' where CI\_Paciente=" & \_ci & " AND Fecha\_Atiende='" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "';"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

End Class

Formularios

Imports System.Data.SqlClient

Public Class Formularios

Protected \_idf As Integer

Protected \_idp As Integer

Protected \_tipo As String

Protected \_ci As Integer

Protected \_cimedico As Integer

Protected \_fecha As Date

Protected \_idr As Integer

Protected \_pregunta As String

Protected \_respuesta As String

Protected \_nuevapregunta As String

Protected \_estadoborradop As Integer

Protected \_cn As ADODB.Connection

'Metodos constructores

Sub New()

\_tipo = ""

\_respuesta = ""

\_estadoborradop = 0

\_pregunta = ""

\_nuevapregunta = ""

\_fecha = New Date

\_idf = 0

\_idr = 0

\_ci = 0

\_cimedico = 0

\_idp = 0

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal cimedico As Integer, ByVal idr As Integer, ByVal respuesta As String, ByVal fecha As Date, ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal tipo As String, ByVal pregunta As String, ByVal nuevapregunta As String, ByVal cn As ADODB.Connection, ByVal idf As Integer, ByVal idp As Integer)

\_idf = idf

\_idr = idr

\_idp = idp

\_fecha = fecha

\_cimedico = cimedico

\_tipo = tipo

\_respuesta = respuesta

\_estadoborradop = estadoborradop

\_pregunta = pregunta

\_nuevapregunta = nuevapregunta

\_cn = cn

\_ci = ci

End Sub

'Get y set de las propiedades

Property cimedico As Integer

Get

Return (\_cimedico)

End Get

Set(ByVal value As Integer)

\_cimedico = value

End Set

End Property

Property idr As Integer

Get

Return (\_idr)

End Get

Set(ByVal value As Integer)

\_idr = value

End Set

End Property

Property respuesta As String

Get

Return (\_respuesta)

End Get

Set(ByVal value As String)

\_respuesta = value

End Set

End Property

Property fecha As Date

Get

Return (\_fecha)

End Get

Set(ByVal value As Date)

\_fecha = value

End Set

End Property

Property tipo As String

Get

Return (\_tipo)

End Get

Set(ByVal value As String)

\_tipo = value

End Set

End Property

Property pregunta As String

Get

Return (\_pregunta)

End Get

Set(ByVal value As String)

\_pregunta = value

End Set

End Property

Property nuevapregunta As String

Get

Return (\_nuevapregunta)

End Get

Set(ByVal value As String)

\_nuevapregunta = value

End Set

End Property

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property idf As Integer

Get

Return (\_idf)

End Get

Set(ByVal value As Integer)

\_idf = value

End Set

End Property

Property idp As Integer

Get

Return (\_idp)

End Get

Set(ByVal value As Integer)

\_idp = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "INSERT INTO Formulario (Tipo\_Form) VALUES ('" & \_tipo & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (5)

End Try

End If

End If

Return (retorno)

End Function

Function tipoform() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Tipo\_Form FROM Formulario WHERE EstadoBorradoF= FALSE;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select r.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente JOIN Atiende as a ON pa.CI\_Paciente=a.CI\_Paciente JOIN Responde as r ON a.CI\_Paciente=r.CI\_Paciente where r.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function fechafunc() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT Fecha\_Atiende FROM Atiende WHERE CI\_Paciente= " & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function cifunc() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT CI\_Medico FROM Atiende WHERE Fecha\_Atiende= '" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "';"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function verifyci2() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente where pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function tipoform2() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT f.Tipo\_Form FROM Formulario as f JOIN Contiene as c ON f.ID\_Form=c.ID\_Form JOIN Tiene as t ON c.ID\_Form=t.ID\_Form JOIN Respuesta as r ON t.ID\_Resp=r.ID\_Resp JOIN Responde as re ON r.ID\_Resp=re.ID\_Resp WHERE f.EstadoBorradoF=FALSE AND re.CI\_Paciente=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function idform() As List(Of Integer)

Dim retorno As New List(Of Integer)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT ID\_Form FROM Formulario WHERE EstadoBorradoF=FALSE AND Tipo\_Form='" & \_tipo & "';"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function Guardar1(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "INSERT INTO Pregunta (TextoPreg) VALUES ('" & \_pregunta & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (5)

End Try

Else

End If

End If

Return (retorno)

End Function

Function Guardar2(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "SELECT ID\_Preg FROM Pregunta where TextoPreg='" & \_pregunta & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (5)

End Try

\_idp = rs("ID\_Preg").Value

rs.Close()

sql2 = "INSERT INTO Contiene (ID\_Form,ID\_Preg) VALUES ('" & \_idf & "','" & \_idp & "');"

Try

\_cn.Execute(sql2)

Catch ex As Exception

Return (5)

End Try

Else

sql = "SELECT ID\_Preg FROM Pregunta where TextoPreg='" & \_pregunta & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (5)

End Try

\_idp = rs("ID\_Preg").Value

rs.Close()

sql2 = "update Pregunta set TextoPreg='" & \_nuevapregunta & "' where ID\_Preg='" & \_idp & "';"

Try

\_cn.Execute(sql2)

Catch ex As Exception

Return (5)

End Try

End If

End If

Return (retorno)

End Function

Function preg() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT TextoPreg FROM Pregunta;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function preg2() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT p.TextoPreg FROM Pregunta as p JOIN Contiene as c ON p.ID\_Preg=c.ID\_Preg WHERE c.ID\_Form=" & \_idf & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function Eliminar() As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

If cn.State = 0 Then

retorno = 1

Else

sql = "SELECT ID\_Preg FROM Pregunta where TextoPreg='" & \_pregunta & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (5)

End Try

\_idp = rs("ID\_Preg").Value

rs.Close()

sql2 = "delete from Tiene where ID\_Preg=" & \_idp & ";"

Try

\_cn.Execute(sql2)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

sql2 = "delete from Contiene where ID\_Preg=" & \_idp & ";"

Try

\_cn.Execute(sql2)

Catch ex As Exception

MsgBox("a")

MsgBox(ex.ToString)

Return (2)

End Try

sql3 = "delete from Pregunta where ID\_Preg=" & \_idp & ";"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

End If

Return (retorno)

End Function

Function Eliminar1() As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

If cn.State = 0 Then

retorno = 1

Else

sql = "update Formulario set EstadoBorradoF= TRUE where ID\_Form=" & \_idf & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (3)

End Try

End If

Return (retorno)

End Function

Function tablaform() As DataTable

Dim retorno As New DataTable

Dim rs As New ADODB.Recordset

Dim da As New OleDb.OleDbDataAdapter

Dim sql As String

sql = "select p.TextoPreg as 'Pregunta', r.TextoResp as 'Respuesta' from Pregunta as p join Tiene as t on p.ID\_Preg=t.ID\_Preg join Respuesta as r ON t.ID\_Resp=r.ID\_Resp where t.ID\_Form=" & \_idf & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (retorno)

End Try

da.Fill(retorno, rs)

Return (retorno)

End Function

Function Guardar3(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

Dim sql4 As String

Dim sql5 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "INSERT INTO Respuesta (TextoResp) VALUES ('" & \_respuesta & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

sql2 = "SELECT MAX(ID\_Resp) AS ID\_RespC FROM Respuesta;"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

Return (3)

End Try

\_idr = rs("ID\_RespC").Value

rs.Close()

sql3 = "INSERT INTO Responde (CI\_Medico,CI\_Paciente,Fecha\_Atiende,ID\_Resp) VALUES (" & \_cimedico & "," & \_ci & ",'" & Format(\_fecha, "yyyy-MM-dd HH:mm:ss") & "'," & \_idr & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

sql4 = "SELECT ID\_Preg FROM Pregunta where TextoPreg='" & \_pregunta & "';"

Try

rs.Open(sql4, \_cn)

Catch ex As Exception

Return (5)

End Try

\_idp = rs("ID\_Preg").Value

rs.Close()

sql5 = "INSERT INTO Tiene (ID\_Form,ID\_Preg,ID\_Resp,FechaR) VALUES (" & \_idf & "," & \_idp & "," & \_idr & ",'" & Format(Now, "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql5)

Catch ex As Exception

MsgBox(ex.ToString)

Return (6)

End Try

End If

End If

Return (retorno)

End Function

Function comprobarFecha() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select Fecha\_Atiende from Atiende WHERE CI\_Paciente='" & \_ci & "';"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

End If

rs.Close()

End If

Return (retorno)

End Function

End Class

Pacientes

Public Class Pacientes

Protected \_ci As Integer

Protected \_pnombre As String

Protected \_snombre As String

Protected \_usuario As String

Protected \_papellido As String

Protected \_sapellido As String

Protected \_estadocivil As String

Protected \_sexo As Char

Protected \_fechanac As Date

Protected \_edad As Integer

Protected \_telefono As String

Protected \_calle As String

Protected \_correo As String

Protected \_esquina As String

Protected \_nropuerta As String

Protected \_contrasena As String

Protected \_estadoborradop As Integer

Protected \_cn As ADODB.Connection

'Metodos constructores

Sub New()

\_ci = 0

\_usuario = ""

\_pnombre = ""

\_snombre = ""

\_estadoborradop = 0

\_papellido = ""

\_sapellido = ""

\_estadocivil = ""

\_sexo = ""

\_contrasena = ""

\_edad = 0

\_correo = ""

\_fechanac = New Date

\_telefono = ""

\_calle = ""

\_esquina = ""

\_nropuerta = ""

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal usuario As String, ByVal contrasena As String, ByVal correo As String, ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal pnombre As String, ByVal snombre As String, ByVal papellido As String, ByVal sapellido As String, ByVal estadocivil As String, ByVal sexo As Char, ByVal ocupacion As String, ByVal edad As Integer, ByVal fechanac As Date, ByVal telefono As String, ByVal calle As String, ByVal esquina As String, ByVal nropuerta As String, ByVal cn As ADODB.Connection)

\_ci = ci

\_usuario = usuario

\_correo = correo

\_contrasena = contrasena

\_pnombre = pnombre

\_snombre = snombre

\_papellido = papellido

\_sapellido = sapellido

\_estadoborradop = estadoborradop

\_estadocivil = estadocivil

\_sexo = sexo

\_edad = edad

\_fechanac = fechanac

\_telefono = telefono

\_calle = calle

\_esquina = esquina

\_nropuerta = nropuerta

\_cn = cn

End Sub

'Get y set de las propiedades

Property usuario As String

Get

Return (\_usuario)

End Get

Set(ByVal value As String)

\_usuario = value

End Set

End Property

Property contrasena As String

Get

Return (\_contrasena)

End Get

Set(ByVal value As String)

\_contrasena = value

End Set

End Property

Property correo As String

Get

Return (\_correo)

End Get

Set(ByVal value As String)

\_correo = value

End Set

End Property

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property pnombre As String

Get

Return (\_pnombre)

End Get

Set(ByVal value As String)

\_pnombre = value

End Set

End Property

Property snombre As String

Get

Return (\_snombre)

End Get

Set(ByVal value As String)

\_snombre = value

End Set

End Property

Property papellido As String

Get

Return (\_papellido)

End Get

Set(ByVal value As String)

\_papellido = value

End Set

End Property

Property sapellido As String

Get

Return (\_sapellido)

End Get

Set(ByVal value As String)

\_sapellido = value

End Set

End Property

Property estadocivil As String

Get

Return (\_estadocivil)

End Get

Set(ByVal value As String)

\_estadocivil = value

End Set

End Property

Property sexo As Char

Get

Return (\_sexo)

End Get

Set(ByVal value As Char)

\_sexo = value

End Set

End Property

Property fechanac As Date

Get

Return (\_fechanac)

End Get

Set(ByVal value As Date)

\_fechanac = value

End Set

End Property

Property edad As Integer

Get

Return (\_edad)

End Get

Set(ByVal value As Integer)

\_edad = value

End Set

End Property

Property telefono As String

Get

Return (\_telefono)

End Get

Set(ByVal value As String)

\_telefono = value

End Set

End Property

Property calle As String

Get

Return (\_calle)

End Get

Set(ByVal value As String)

\_calle = value

End Set

End Property

Property esquina As String

Get

Return (\_esquina)

End Get

Set(ByVal value As String)

\_esquina = value

End Set

End Property

Property nropuerta As String

Get

Return (\_nropuerta)

End Get

Set(ByVal value As String)

\_nropuerta = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente WHERE pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_pnombre = rs("Primer\_Nombre").Value

\_estadoborradop = rs("EstadoBorradoP").Value

\_snombre = rs("Segundo\_Nombre").Value

\_papellido = rs("Primer\_Apellido").Value

\_sapellido = rs("Segundo\_Apellido").Value

\_estadocivil = rs("Estado\_Civil").Value

\_sexo = rs("Sexo").Value

\_fechanac = rs("Fecha\_Nac").Value

\_calle = rs("Calle").Value

\_esquina = rs("Esquina").Value

\_nropuerta = rs("Numero").Value

\_correo = rs("Correo").Value

rs.Close()

sql = "select TIMESTAMPDIFF(YEAR, Fecha\_Nac, curdate()) as Edad from Persona where CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

\_edad = rs("Edad").Value

Catch ex As Exception

Return (5)

End Try

End If

rs.Close()

End If

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select CI from Personal\_Medico WHERE CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function patelefono() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "select Telefono from Persona\_Telefono where CI=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Persona (CI,Fecha\_Nac,Calle,Esquina,Numero,Primer\_Apellido,Segundo\_Apellido,Primer\_Nombre,Segundo\_Nombre, Correo) VALUES (" & \_ci & ",'" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "','" & \_calle & "','" & \_esquina & "','" & \_nropuerta & "','" & \_papellido & "','" & \_sapellido & "','" & \_pnombre & "','" & \_snombre & "','" & \_correo & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

sql3 = "insert into Paciente(CI\_Paciente,Estado\_Civil,Sexo) VALUES (" & \_ci & ",'" & \_estadocivil & "','" & \_sexo & "');"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (5)

End Try

sql4 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('1','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (5)

End Try

Else

sql = "update Paciente set Estado\_Civil='" & \_estadocivil & "', Sexo='" & \_sexo & "' where CI\_Paciente=" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (5)

End Try

sql3 = "update Persona set Fecha\_Nac='" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "', Calle='" & \_calle & "', Esquina='" & \_esquina & "', Numero='" & \_nropuerta & "', Primer\_Apellido='" & \_papellido & "', Segundo\_Apellido='" & \_sapellido & "', Primer\_Nombre='" & \_pnombre & "', Segundo\_Nombre='" & \_snombre & "', Correo='" & \_correo & "' where CI=" & \_ci & ";"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (7)

End Try

End If

End If

Return (retorno)

End Function

Function GuardarT(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql2 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql2 = "insert into Persona\_Telefono(CI,Telefono) VALUES (" & \_ci & ",'" & \_telefono & "');"

Try

\_cn.Execute(sql2)

Catch ex As Exception

Return (3)

End Try

End If

End If

Return (retorno)

End Function

Function EliminarT(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql2 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql2 = "delete from Persona\_Telefono where Telefono= '" & \_telefono & "';"

Try

\_cn.Execute(sql2)

Catch ex As Exception

Return (3)

End Try

End If

End If

Return (retorno)

End Function

Function Guardar1(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "insert into Paciente(CI\_Paciente,Estado\_Civil,Sexo) VALUES (" & \_ci & ",'" & \_estadocivil & "','" & \_sexo & "');"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (5)

End Try

sql4 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('1','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (5)

End Try

End If

End If

Return (retorno)

End Function

Function adduser(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "CREATE USER '" & \_usuario & "'@'192.168.1.209' IDENTIFIED BY '" & \_contrasena & "';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (5)

End Try

sql3 = "GRANT GSAPacientes TO '" & \_usuario & "'@'192.168.1.209';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (5)

End Try

sql4 = "insert into Usuario\_Rol(Usuario,Rol,CI) VALUES ('" & \_usuario & "','3'," & \_ci & ");"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (6)

End Try

End If

End If

Return (retorno)

End Function

Function Eliminar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= TRUE where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function ecivil() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Estado\_Civil FROM Paciente;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function csexo() As List(Of Char)

Dim retorno As New List(Of Char)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT Sexo FROM Paciente;"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

End Class

Personal Médico

Public Class PersonalMedico

Protected \_ci As Integer

Protected \_pnombre As String

Protected \_snombre As String

Protected \_usuario As String

Protected \_contrasena As String

Protected \_papellido As String

Protected \_fechanac As Date

Protected \_sapellido As String

Protected \_calle As String

Protected \_nropuerta As String

Protected \_esquina As String

Protected \_correo As String

Protected \_telefono As String

Protected \_edad As Integer

Protected \_especialidad As String

Protected \_estadoborradom As Integer

Protected \_cn As ADODB.Connection

Sub New()

\_ci = 0

\_edad = 0

\_usuario = ""

\_contrasena = ""

\_estadoborradom = 0

\_fechanac = New Date

\_pnombre = ""

\_correo = ""

\_snombre = ""

\_papellido = ""

\_sapellido = ""

\_nropuerta = ""

\_esquina = ""

\_calle = ""

\_telefono = ""

\_especialidad = ""

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal usuario As String, ByVal contrasena As String, ByVal correo As String, ByVal estadoborradom As Integer, ByVal ci As Integer, ByVal edad As Integer, ByVal fechanac As Date, ByVal calle As String, ByVal pnombre As String, ByVal snombre As String, ByVal papellido As String, ByVal sapellido As String, ByVal nropuerta As String, ByVal esquina As String, ByVal telefono As String, ByVal especialidad As String, ByVal cn As ADODB.Connection)

\_ci = ci

\_usuario = usuario

\_contrasena = contrasena

\_pnombre = pnombre

\_correo = correo

\_edad = edad

\_snombre = snombre

\_fechanac = fechanac

\_calle = calle

\_papellido = papellido

\_sapellido = sapellido

\_nropuerta = nropuerta

\_esquina = esquina

\_telefono = telefono

\_especialidad = especialidad

\_cn = cn

\_estadoborradom = estadoborradom

End Sub

Property usuario As String

Get

Return (\_usuario)

End Get

Set(ByVal value As String)

\_usuario = value

End Set

End Property

Property contrasena As String

Get

Return (\_contrasena)

End Get

Set(ByVal value As String)

\_contrasena = value

End Set

End Property

Property correo As String

Get

Return (\_correo)

End Get

Set(ByVal value As String)

\_correo = value

End Set

End Property

Property estadoborradom As Integer

Get

Return (\_estadoborradom)

End Get

Set(ByVal value As Integer)

\_estadoborradom = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property edad As Integer

Get

Return (\_edad)

End Get

Set(ByVal value As Integer)

\_edad = value

End Set

End Property

Property pnombre As String

Get

Return (\_pnombre)

End Get

Set(ByVal value As String)

\_pnombre = value

End Set

End Property

Property fechanac As Date

Get

Return (\_fechanac)

End Get

Set(ByVal value As Date)

\_fechanac = value

End Set

End Property

Property calle As String

Get

Return (\_calle)

End Get

Set(ByVal value As String)

\_calle = value

End Set

End Property

Property snombre As String

Get

Return (\_pnombre)

End Get

Set(ByVal value As String)

\_snombre = value

End Set

End Property

Property papellido As String

Get

Return (\_papellido)

End Get

Set(ByVal value As String)

\_papellido = value

End Set

End Property

Property sapellido As String

Get

Return (\_sapellido)

End Get

Set(ByVal value As String)

\_sapellido = value

End Set

End Property

Property nropuerta As String

Get

Return (\_nropuerta)

End Get

Set(ByVal value As String)

\_nropuerta = value

End Set

End Property

Property esquina As String

Get

Return (\_esquina)

End Get

Set(ByVal value As String)

\_esquina = value

End Set

End Property

Property telefono As String

Get

Return (\_telefono)

End Get

Set(ByVal value As String)

\_telefono = value

End Set

End Property

Property especialidad As String

Get

Return (\_especialidad)

End Get

Set(ByVal value As String)

\_especialidad = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Persona as p JOIN Personal\_Medico as m ON p.CI=m.CI where m.CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_pnombre = rs("Primer\_Nombre").Value

\_snombre = rs("Segundo\_Nombre").Value

\_papellido = rs("Primer\_Apellido").Value

\_sapellido = rs("Segundo\_Apellido").Value

\_fechanac = rs("Fecha\_Nac").Value

\_calle = rs("Calle").Value

\_esquina = rs("Esquina").Value

\_nropuerta = rs("Numero").Value

\_estadoborradom = rs("EstadoBorradoM").Value

rs.Close()

sql = "select Telefono from Persona\_Telefono where CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

\_telefono = rs("Telefono").Value

Catch ex As Exception

Return (4)

End Try

rs.Close()

sql = "select Especialidad from Medico where CI\_Medico=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

If rs.EOF And rs.BOF Then

\_especialidad = "-"

Else

\_especialidad = rs("Especialidad").Value

End If

Catch ex As Exception

Return (5)

End Try

rs.Close()

sql = "select TIMESTAMPDIFF(YEAR, Fecha\_Nac, curdate()) as Edad from Persona where CI=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

\_edad = rs("Edad").Value

rs.Close()

Catch ex As Exception

Return (6)

End Try

End If

End If

Return (retorno)

End Function

Function estado() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Personal\_Medico set EstadoBorradoM= FALSE where CI =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function Guardar1(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Persona (CI,Fecha\_Nac,Calle,Esquina,Numero,Primer\_Apellido,Segundo\_Apellido,Primer\_Nombre,Segundo\_Nombre, Correo) VALUES (" & \_ci & ",'" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "','" & \_calle & "','" & \_esquina & "','" & \_nropuerta & "','" & \_papellido & "','" & \_sapellido & "','" & \_pnombre & "','" & \_snombre & "','" & \_correo & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

sql3 = "insert into Personal\_Medico(CI) VALUES (" & \_ci & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

sql4 = "insert into Medico(CI\_Medico, Especialidad) VALUES (" & \_ci & ",'" & \_especialidad & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (4)

End Try

Else

sql = "update Medico set Especialidad='" & \_especialidad & "' where CI\_Medico=" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (5)

End Try

sql3 = "update Persona set Fecha\_Nac='" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "', Calle='" & \_calle & "', Esquina='" & \_esquina & "', Numero='" & \_nropuerta & "', Primer\_Apellido='" & \_papellido & "', Segundo\_Apellido='" & \_sapellido & "', Primer\_Nombre='" & \_pnombre & "', Segundo\_Nombre='" & \_snombre & "', Correo='" & \_correo & "' where CI=" & \_ci & ";"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (7)

End Try

End If

End If

Return (retorno)

End Function

Function addusermed(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "CREATE USER '" & \_usuario & "'@'192.168.1.209' IDENTIFIED BY '" & \_contrasena & "';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (5)

End Try

sql3 = "GRANT GSAMedicos TO '" & \_usuario & "'@'192.168.1.209';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (5)

End Try

sql4 = "insert into Usuario\_Rol(Usuario,Rol) VALUES ('" & \_usuario & "','1'," & \_ci & ");"

Try

\_cn.Execute(sql4)

Catch ex As Exception

MsgBox(ex.ToString)

Return (6)

End Try

End If

End If

Return (retorno)

End Function

Function adduseraux(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "CREATE USER '" & \_usuario & "'@'192.168.1.209' IDENTIFIED BY '" & \_contrasena & "';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (5)

End Try

sql3 = "GRANT GSAAuxiliares TO '" & \_usuario & "'@'192.168.1.209';"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (5)

End Try

sql4 = "insert into Usuario\_Rol(Usuario,Rol) VALUES ('" & \_usuario & "','2'," & \_ci & ");"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (6)

End Try

End If

End If

Return (retorno)

End Function

Function Guardar2(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql3 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Persona (CI,Fecha\_Nac,Calle,Esquina,Numero,Primer\_Apellido,Segundo\_Apellido,Primer\_Nombre,Segundo\_Nombre, Correo) VALUES (" & \_ci & ",'" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "','" & \_calle & "','" & \_esquina & "','" & \_nropuerta & "','" & \_papellido & "','" & \_sapellido & "','" & \_pnombre & "','" & \_snombre & "','" & \_correo & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

sql3 = "insert into Personal\_Medico(CI) VALUES (" & \_ci & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

Else

sql3 = "update Persona set Fecha\_Nac='" & Format(\_fechanac, "yyyy-MM-dd HH:mm:ss") & "', Calle='" & \_calle & "', Esquina='" & \_esquina & "', Numero='" & \_nropuerta & "', Primer\_Apellido='" & \_papellido & "', Segundo\_Apellido='" & \_sapellido & "', Primer\_Nombre='" & \_pnombre & "', Segundo\_Nombre='" & \_snombre & "', Correo='" & \_correo & "' where CI=" & \_ci & ";"

Try

\_cn.Execute(sql3)

Catch ex As Exception

MsgBox(ex.ToString)

Return (7)

End Try

End If

End If

Return (retorno)

End Function

Function Guardar3(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "insert into Personal\_Medico(CI) VALUES (" & \_ci & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

sql4 = "insert into Medico(CI\_Medico, Especialidad) VALUES (" & \_ci & ",'" & \_especialidad & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (4)

End Try

End If

End If

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select CI\_Paciente from Paciente WHERE CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

End If

rs.Close()

End If

Return (retorno)

End Function

Function pmtelefono() As List(Of String)

Dim retorno As New List(Of String)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "select Telefono from Persona\_Telefono where CI=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function Guardar4(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql3 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql3 = "insert into Personal\_Medico(CI) VALUES (" & \_ci & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

End If

End If

Return (retorno)

End Function

Function Eliminar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Personal\_Medico set EstadoBorradoM= TRUE where CI =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

End Class

Rutinas

Module Rutinas

Public cn As New ADODB.Connection

Public cipub As String

Public Sub doyPermisos(ByVal usuario As String)

Dim sql As String

Dim rs As New ADODB.Recordset

frmPrincipal.menuInformacion.Enabled = False

frmPrincipal.InformaciónPacienteToolStripMenuItem.Enabled = False

frmPrincipal.menuFormularios.Enabled = False

frmPrincipal.FormularioToolStripMenuItem.Enabled = False

frmPrincipal.menu\_Consulta\_Formularios.Enabled = False

frmPrincipal.menuPersonalMedico.Enabled = False

frmPrincipal.menuEntrevistaInicial.Enabled = False

frmPrincipal.menuDiagnostico.Enabled = False

frmPrincipal.menuIngTratamiento.Enabled = False

frmPrincipal.menuIngAnalisis.Enabled = False

frmPrincipal.menuConsAnalisis.Enabled = False

frmPrincipal.menuConsDiagnostico.Enabled = False

frmPrincipal.DiagnosticosToolStripMenuItem.Enabled = False

frmPrincipal.TratatamientosToolStripMenuItem.Enabled = False

frmPrincipal.AnalisisClínicosToolStripMenuItem.Enabled = False

frmPrincipal.EntrevistaToolStripMenuItem.Enabled = False

If cn.State = 0 Then

MsgBox("Debe abrir su sesión.")

Else

sql = "select Rol from Usuario\_Rol where Usuario='" & usuario & "';"

Try

rs.Open(sql, cn)

Catch ex As Exception

MsgBox("Hubo errores al obtener rol del usuario.")

Exit Sub

End Try

If rs.RecordCount = 0 Then

MsgBox("El usuario no tiene rol asignado, comuníquese con el adm. del sistema.")

Else

Select Case rs(0).Value

Case 1 'Medico

'Formularios

frmPrincipal.menuFormularios.Enabled = True

'Ingreso datos

frmPrincipal.FormularioToolStripMenuItem.Enabled = True

frmPrincipal.menuIngTratamiento.Enabled = True

frmPrincipal.menuIngAnalisis.Enabled = True

frmPrincipal.menuEntrevistaInicial.Enabled = True

frmPrincipal.menuDiagnostico.Enabled = True

'Consultar info

frmPrincipal.InformaciónPacienteToolStripMenuItem.Enabled = True

frmPrincipal.menu\_Consulta\_Formularios.Enabled = True

frmPrincipal.DiagnosticosToolStripMenuItem.Enabled = True

frmPrincipal.TratatamientosToolStripMenuItem.Enabled = True

frmPrincipal.AnalisisClínicosToolStripMenuItem.Enabled = True

frmPrincipal.EntrevistaToolStripMenuItem.Enabled = True

Case 2 'Auxiliar

'Formularios

frmPrincipal.menuFormularios.Enabled = True

'Ingreso datos

frmPrincipal.FormularioToolStripMenuItem.Enabled = True

frmPrincipal.menuIngTratamiento.Enabled = True

frmPrincipal.menuIngAnalisis.Enabled = True

frmPrincipal.menuEntrevistaInicial.Enabled = True

frmPrincipal.menuDiagnostico.Enabled = True

Case 3 'Paciente

'Consultar diagnostico

frmPrincipal.menuConsDiagnostico.Enabled = True

'Consultar analisis

frmPrincipal.menuConsAnalisis.Enabled = True

Case 4 'Administrador

frmPrincipal.menuInformacion.Enabled = True

frmPrincipal.menuPersonalMedico.Enabled = True

End Select

End If

rs.Close()

End If

rs = Nothing

End Sub

'Permitir números con espacios

Public Sub permitirLetrasCE(ByVal e As System.Windows.Forms.KeyPressEventArgs)

If Char.IsLetter(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = False

Else

e.Handled = True

MessageBox.Show("No se permite ingresar números o símbolos.", "ADVERTENCIA")

End If

End Sub

'Permitir números sin espacios

Public Sub permitirNumerosSE(ByVal e As System.Windows.Forms.KeyPressEventArgs)

If Char.IsNumber(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar espacios.", "ADVERTENCIA")

Else

e.Handled = True

MessageBox.Show("No se permite ingresar letras.", "ADVERTENCIA")

End If

End Sub

End Module

Tratamientos

Public Class Tratamientos

Protected \_ci As Integer

Protected \_nombre As String

Protected \_id As Integer

Protected \_fechainicio As Date

Protected \_fechafinal As Date

Protected \_descripcion As String

Protected \_estadoborradop As Integer

Protected \_cn As ADODB.Connection

'Metodos constructores

Sub New()

\_ci = 0

\_estadoborradop = 0

\_nombre = ""

\_id = 0

\_fechainicio = New Date

\_fechafinal = New Date

\_descripcion = ""

\_cn = New ADODB.Connection

End Sub

Sub New(ByVal estadoborradop As Integer, ByVal ci As Integer, ByVal nombre As String, ByVal id As Integer, ByVal fechainicio As Date, ByVal fechafinal As Date, ByVal descripcion As String, ByVal cn As ADODB.Connection)

\_ci = ci

\_nombre = nombre

\_estadoborradop = estadoborradop

\_id = id

\_fechainicio = fechainicio

\_fechafinal = fechafinal

\_descripcion = descripcion

\_cn = cn

End Sub

'Get y set de las propiedades

Property estadoborradop As Integer

Get

Return (\_estadoborradop)

End Get

Set(ByVal value As Integer)

\_estadoborradop = value

End Set

End Property

Property ci As Integer

Get

Return (\_ci)

End Get

Set(ByVal value As Integer)

\_ci = value

End Set

End Property

Property nombre As String

Get

Return (\_nombre)

End Get

Set(ByVal value As String)

\_nombre = value

End Set

End Property

Property id As Integer

Get

Return (\_id)

End Get

Set(ByVal value As Integer)

\_id = value

End Set

End Property

Property fechainicio As Date

Get

Return (\_fechainicio)

End Get

Set(ByVal value As Date)

\_fechainicio = value

End Set

End Property

Property fechafinal As Date

Get

Return (\_fechafinal)

End Get

Set(ByVal value As Date)

\_fechafinal = value

End Set

End Property

Property descripcion As String

Get

Return (\_descripcion)

End Get

Set(ByVal value As String)

\_descripcion = value

End Set

End Property

Property cn As ADODB.Connection

Get

Return (\_cn)

End Get

Set(ByVal value As ADODB.Connection)

\_cn = value

End Set

End Property

Function Buscar() As Integer

Dim sql As String

Dim sql2 As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select \* from Tratamiento as t JOIN Realiza as r ON t.ID\_Trata=r.ID\_Trata where r.ID\_Trata=" & \_id & " AND r.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_nombre = rs("Nombre").Value

\_ci = rs("CI\_Paciente").Value

\_id = rs("ID\_Trata").Value

\_fechainicio = rs("FechaInicio").Value

\_descripcion = rs("Descripcion\_Trat").Value

rs.Close()

sql2 = "select r.FechaFinal from Tratamiento as t JOIN Realiza as r ON t.ID\_Trata=r.ID\_Trata where r.ID\_Trata=" & \_id & " AND r.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

Return (2)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

If rs.EOF And rs.BOF Then

\_fechainicio = "NO ESTABLECIDA"

Else

\_fechafinal = rs("FechaFinal").Value

End If

rs.Close()

End If

End If

End If

Return (retorno)

End Function

Function Guardar(ByVal alta As Boolean) As Integer

Dim retorno As Integer = 0

Dim rs As New ADODB.Recordset

Dim sql As String

Dim sql2 As String

Dim sql3 As String

Dim sql4 As String

If cn.State = 0 Then

retorno = 1

Else

If alta Then

sql = "insert into Tratamiento (Nombre,Descripcion\_Trat) VALUES ('" & \_nombre & "','" & \_descripcion & "');"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

sql2 = "SELECT MAX(ID\_Trata) AS ID\_TrataC FROM Tratamiento;"

Try

rs.Open(sql2, \_cn)

Catch ex As Exception

Return (3)

End Try

\_id = rs("ID\_TrataC").Value

rs.Close()

sql3 = "insert into Realiza(FechaInicio,FechaFinal,CI\_Paciente,ID\_Trata) VALUES ('" & Format(\_fechainicio, "yyyy-MM-dd HH:mm:ss") & "','" & Format(\_fechafinal, "yyyy-MM-dd HH:mm:ss") & "'," & \_ci & "," & \_id & ");"

Try

\_cn.Execute(sql3)

Catch ex As Exception

Return (4)

End Try

sql4 = "insert into Posee(ID\_Estado,CI\_Paciente,FechaInicio\_E) VALUES ('4','" & \_ci & "','" & Format(Now(), "yyyy-MM-dd HH:mm:ss") & "');"

Try

\_cn.Execute(sql4)

Catch ex As Exception

Return (3)

End Try

Else

sql = "update Tratamiento set Nombre='" & \_nombre & "', Descripcion\_Trat='" & \_descripcion & "' where ID\_Trata=" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

MsgBox(ex.ToString)

Return (4)

End Try

sql2 = "update Realiza set FechaInicio='" & Format(\_fechainicio, "yyyy-MM-dd HH:mm:ss") & "', FechaFinal='" & Format(\_fechafinal, "yyyy-MM-dd HH:mm:ss") & "' where ID\_Trata=" & \_id & ";"

Try

\_cn.Execute(sql2)

Catch ex As Exception

MsgBox(ex.ToString)

Return (4)

End Try

End If

End If

Return (retorno)

End Function

Function Eliminar() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Tratamiento set EstadoBorradoT= TRUE where ID\_Trata =" & \_id & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

Function verifyci() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select pa.CI\_Paciente, pa.EstadoBorradoP from Persona as p JOIN Paciente as pa ON p.CI=pa.CI\_Paciente JOIN Realiza as r ON pa.CI\_Paciente=r.CI\_Paciente JOIN Tratamiento as t ON r.ID\_Trata=t.ID\_Trata where EstadoBorradoT = FALSE AND pa.CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

MsgBox(ex.ToString)

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function verifyci2() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "select CI\_Paciente, EstadoBorradoP from Paciente where CI\_Paciente=" & \_ci & ";"

Try

rs.Open(sql, \_cn)

Catch ex As Exception

Return (4)

End Try

If rs.RecordCount = 0 Then

retorno = 3

Else

\_ci = rs("CI\_Paciente").Value

\_estadoborradop = rs("EstadoBorradoP").Value

rs.Close()

End If

End If

Return (retorno)

End Function

Function idtratamiento() As List(Of Integer)

Dim retorno As New List(Of Integer)

Dim rs As New ADODB.Recordset

Dim sql As String

sql = "SELECT DISTINCT r.ID\_Trata FROM Realiza as r JOIN Tratamiento as t ON r.ID\_Trata=t.ID\_Trata WHERE t.EstadoBorradoT=FALSE AND r.CI\_Paciente=" & \_ci & ";"

Try

rs = \_cn.Execute(sql)

Catch ex As Exception

Return (retorno)

End Try

retorno.Clear()

While Not rs.EOF

retorno.Add(rs(0).Value)

rs.MoveNext()

End While

rs.Close()

rs = Nothing

Return (retorno)

End Function

Function estadop() As Integer

Dim sql As String

Dim rs As New ADODB.Recordset

Dim retorno As Integer = 0

If cn.State = 0 Then

retorno = 1

Else

sql = "update Paciente set EstadoBorradoP= False where CI\_Paciente =" & \_ci & ";"

Try

\_cn.Execute(sql)

Catch ex As Exception

Return (2)

End Try

End If

Return (retorno)

End Function

End Class

Formularios

frmABMFormulario

Public Class frmABMFormulario

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

Dim f As New Formularios

f.tipo = txtCrearTipoForm.Text

f.cn = cn

Select Case f.Guardar(1)

Case 0

cboTipo.Items.Clear()

f.tipo = txtCrearTipoForm.Text

MsgBox("Formulario creado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

f.cn = cn

Dim lista As List(Of String)

lista = f.tipoform()

For Each Diagnostico In lista

cboTipo.Items.Add(Diagnostico)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al agregar un formulario. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

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

Me.Close()

End Sub

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

Dim f As New Formularios

f.cn = cn

cboTipo.Items.Clear()

Dim lista As List(Of String)

lista = f.tipoform()

For Each Diagnostico In lista

cboTipo.Items.Add(Diagnostico)

Next

cboPregunta.Items.Clear()

Dim lista1 As List(Of String)

lista1 = f.preg()

For Each Pregunta In lista1

cboPregunta.Items.Add(Pregunta)

Next

End Sub

Private Sub cboTipo\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboTipo.SelectedIndexChanged

Dim f As New Formularios

f.tipo = cboTipo.SelectedItem()

f.cn = cn

Dim lista As List(Of Integer)

lista = f.idform()

cboID.Items.Clear()

cboID.ResetText()

For Each id In lista

cboID.Items.Add(id)

Next

cmdEliminarForm.Enabled = True

End Sub

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

Dim f As New Formularios

f.pregunta = cboPregunta.SelectedItem()

f.idf = cboID.SelectedItem()

f.cn = cn

Select Case f.Guardar2(1)

Case 0

MsgBox("Pregunta ingresada éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar la pregunta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

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

Dim f As New Formularios

f.pregunta = cboPregunta.SelectedItem()

f.nuevapregunta = txtNuevaPregunta.Text()

f.idf = cboID.SelectedItem()

f.cn = cn

Select Case f.Guardar2(0)

Case 0

cboPregunta.Items.Clear()

cboPregunta.ResetText()

f.cn = cn

Dim lista1 As List(Of String)

lista1 = f.preg()

For Each Pregunta In lista1

cboPregunta.Items.Add(Pregunta)

Next

MsgBox("Pregunta modificada con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al modificar la pregunta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

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

Dim f As New Formularios

f.pregunta = cboPregunta.SelectedItem()

f.nuevapregunta = txtNuevaPregunta.Text()

f.idf = cboID.SelectedItem()

f.cn = cn

Select Case f.Eliminar()

Case 0

cboPregunta.Items.Clear()

f.cn = cn

cboPregunta.ResetText()

Dim lista1 As List(Of String)

lista1 = f.preg()

For Each Pregunta In lista1

cboPregunta.Items.Add(Pregunta)

Next

MsgBox("Pregunta eliminada con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar la pregunta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

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

Dim f As New Formularios

f.idf = cboID.SelectedItem()

f.cn = cn

Select Case f.Eliminar1()

Case 0

cboID.Items.Clear()

f.cn = cn

cboID.ResetText()

Dim lista As List(Of Integer)

lista = f.idform()

For Each id In lista

cboID.Items.Add(id)

Next

cboTipo.Items.Clear()

cboTipo.ResetText()

Dim lista1 As List(Of String)

lista1 = f.tipoform()

For Each Diagnostico In lista1

cboTipo.Items.Add(Diagnostico)

Next

MsgBox("Formulario eliminado con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el formulario. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

Private Sub Button1\_Click\_1(sender As Object, e As EventArgs) Handles Button1.Click

Dim f As New Formularios

f.pregunta = txtCrearPregunta.Text

f.cn = cn

Select Case f.Guardar1(1)

Case 0

cboPregunta.Items.Clear()

MsgBox("Pregunta creada éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

f.cn = cn

Dim lista1 As List(Of String)

lista1 = f.preg()

For Each Pregunta In lista1

cboPregunta.Items.Add(Pregunta)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al crear la pregunta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

Private Sub cboPregunta\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboPregunta.SelectedIndexChanged

If cboPregunta.SelectedItem Is Nothing Then

cmdEliminarPregunta.Enabled = False

cmdModPregunta.Enabled = False

cmdIngresar.Enabled = False

Else

cmdEliminarPregunta.Enabled = True

cmdModPregunta.Enabled = True

cmdIngresar.Enabled = True

End If

End Sub

End Class

frmAdmPersonalMedico

Public Class frmAdmPersonalMedico

Private Sub txtEdad\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtEdad.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub txtBCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub txtPnombre\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPnombre.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtPapellido\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPapellido.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtSnombre\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtSnombre.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtSapellido\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtSapellido.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub rbMedico\_CheckedChanged(sender As Object, e As EventArgs) Handles rbMedico.CheckedChanged

lblEspecialidad.Visible = True

txtEspecialidad.Visible = True

End Sub

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

Dim m As New PersonalMedico

m.ci = Val(txtCI.Text)

m.telefono = cbTelefono.Text

m.cn = cn

Select Case m.verifyci()

Case 0

Select Case m.Buscar()

Case 0 'Encontré

If m.estadoborradom = 1 Then

If MsgBox("El médico o auxiliar se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case m.estado()

Case 0

MsgBox("El médico o auxiliar se dio de alta éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al efectuar el alta del médico o auxiliar. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

txtPnombre.Text = m.pnombre

txtSnombre.Text = m.snombre

txtPapellido.Text = m.papellido

txtSapellido.Text = m.sapellido

dtpFechaNac.Text = m.fechanac

txtEdad.Text = m.edad

txtCalle.Text = m.calle

txtTelefono.Text = m.telefono

txtNpuerta.Text = m.nropuerta

txtEsquina.Text = m.esquina

txtEspecialidad.Text = m.especialidad

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = False

cmdModificar.Enabled = True

cmdEliminar.Enabled = True

Dim lista2 As List(Of String)

lista2 = m.pmtelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

gbTelefono.Visible = True

If m.especialidad.Equals("-") Then

rbAuxiliarMedico.Checked = True

rbMedico.Checked = False

txtEspecialidad.Visible = False

txtEspecialidad.Clear()

Else

rbAuxiliarMedico.Checked = False

rbMedico.Checked = True

txtEspecialidad.Visible = True

End If

End If

Case 3 'No encontré

MsgBox("Este paciente ya tiene los datos necesarios ingresados, para ingresar como personal médico solamente hace falta ingresar los siguientes datos.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmUsuario.Show()

frmUsuario.cmdIngresar.Visible = True

frmMedico.Enabled = False

frmMedico.Show()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el médico o paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

Case 3 'Encontré

Select Case m.Buscar

Case 0 'Encontré

If m.estadoborradom = 1 Then

If MsgBox("El médico o auxiliar se dió de baja, ¿Desea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case m.estado()

Case 0

MsgBox("El médico o auxiliar se dio de alta éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al efectuar el alta del médico o auxiliar. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

txtPnombre.Text = m.pnombre

txtSnombre.Text = m.snombre

txtPapellido.Text = m.papellido

txtSapellido.Text = m.sapellido

dtpFechaNac.Text = m.fechanac

txtEdad.Text = m.edad

txtCalle.Text = m.calle

txtTelefono.Text = m.telefono

txtNpuerta.Text = m.nropuerta

txtEsquina.Text = m.esquina

txtEspecialidad.Text = m.especialidad

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = False

cmdModificar.Enabled = True

cmdEliminar.Enabled = True

Dim lista2 As List(Of String)

lista2 = m.pmtelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

gbTelefono.Visible = True

If m.especialidad.Equals("-") Then

rbAuxiliarMedico.Checked = True

rbMedico.Checked = False

txtEspecialidad.Visible = False

txtEspecialidad.Clear()

Else

rbAuxiliarMedico.Checked = False

rbMedico.Checked = True

txtEspecialidad.Visible = True

End If

End If

Case 3

If MsgBox("El médico o axuiliar médico no se encontró, ¿Desaea ingresarlo?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

frmUsuario.Show()

frmUsuario.cmdIngresarM.Visible = True

frmUsuario.gbRadio.Visible = True

Me.Enabled = False

gbTelefono.Visible = False

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = True

cmdEliminar.Enabled = False

cmdModificar.Enabled = False

End If

End Select

Case Else : MsgBox("Hubo errores al buscar el médico o paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

m = Nothing

End Sub

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

Dim m As New PersonalMedico

m.ci = Val(txtCI.Text)

m.pnombre = txtPnombre.Text

m.snombre = txtSnombre.Text

m.papellido = txtPapellido.Text

m.sapellido = txtSapellido.Text

m.fechanac = dtpFechaNac.Text

m.calle = txtCalle.Text

m.nropuerta = txtNpuerta.Text

m.esquina = txtEsquina.Text

m.correo = txtTelefono.Text

m.especialidad = txtEspecialidad.Text

m.cn = cn

If rbAuxiliarMedico.Checked = False And rbMedico.Checked = False Then

MsgBox("Debe seleccionar el tipo de personal. (Médico o Auxiliar)", MessageBoxIcon.Warning, "S.I.BI.M - GSA")

Else

If rbMedico.Checked = True Then

Select Case m.Guardar1(1)

Case 0

MsgBox("Se ha ingresado éxitosamente al médico.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmTelefono.Show()

frmTelefono.cmdAgregar2.Visible = True

frmTelefono.cmdQuitar2.Visible = True

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.")

Case Else : MsgBox("Hubo errores al ingresar el médico. En caso de persistir, consulte al adm. del sistema.")

End Select

ElseIf rbAuxiliarMedico.Checked = True Then

Select Case m.Guardar2(1)

Case 0

MsgBox("Se ha ingresado éxitosamente al auxiliar médico.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el auxiliar médico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

End If

m = Nothing

End Sub

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

txtPnombre.Clear()

txtSnombre.Clear()

txtPapellido.Clear()

txtSapellido.Clear()

dtpFechaNac.ResetText()

txtEdad.Clear()

txtCalle.Clear()

txtTelefono.Clear()

txtNpuerta.Clear()

txtEsquina.Clear()

cbTelefono.ResetText()

cbTelefono.Items.Clear()

txtEspecialidad.Clear()

rbAuxiliarMedico.Checked = False

rbMedico.Checked = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Dim m As New PersonalMedico

m.ci = Val(txtCI.Text)

m.cn = cn

Select Case m.Eliminar()

Case 0

MsgBox("Médico o auxiliar eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

txtPnombre.Clear()

txtSnombre.Clear()

txtPapellido.Clear()

txtSapellido.Clear()

dtpFechaNac.ResetText()

txtEdad.Clear()

txtCalle.Clear()

txtTelefono.Clear()

txtNpuerta.Clear()

txtEsquina.Clear()

cbTelefono.ResetText()

cbTelefono.Items.Clear()

txtEspecialidad.Clear()

rbAuxiliarMedico.Checked = False

rbMedico.Checked = False

gbBuscar.Enabled = True

gbDatos.Visible = False

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el médico o auxiliar. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

m = Nothing

End Sub

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

Dim m As New PersonalMedico

m.ci = Val(txtCI.Text)

m.pnombre = txtPnombre.Text

m.snombre = txtSnombre.Text

m.papellido = txtPapellido.Text

m.sapellido = txtSapellido.Text

m.fechanac = dtpFechaNac.Text

m.calle = txtCalle.Text

m.telefono = txtTelefono.Text

m.nropuerta = txtNpuerta.Text

m.esquina = txtEsquina.Text

m.especialidad = txtEspecialidad.Text

m.cn = cn

If rbAuxiliarMedico.Checked = False And rbMedico.Checked = False Then

MsgBox("Debe seleccionar el tipo de personal. (Médico o Auxiliar)", MessageBoxIcon.Warning, "S.I.BI.M - GSA")

Else

If rbMedico.Checked = True Then

Select Case m.Guardar1(0)

Case 0

MsgBox("Médico modificado con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al efectuar la modificación del médico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

ElseIf rbAuxiliarMedico.Checked = True Then

Select Case m.Guardar2(0)

Case 0

MsgBox("Auxiliar modificado con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al efectuar la modificación del auxiliar. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

End If

m = Nothing

End Sub

Private Sub rbAuxiliarMedico\_CheckedChanged(sender As Object, e As EventArgs) Handles rbAuxiliarMedico.CheckedChanged

lblEspecialidad.Visible = False

txtEspecialidad.Visible = False

txtEspecialidad.Clear()

End Sub

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

Me.Close()

End Sub

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

dtpFechaNac.Format = DateTimePickerFormat.Custom

dtpFechaNac.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub dtpFechaNac\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFechaNac.ValueChanged

Dim Anios As Integer

Dim Meses As Integer

Dim Dias As Integer

Dim FechaCalculo As Date

FechaCalculo = dtpFechaNac.Value

If dtpFechaNac.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFechaNac.ResetText()

End If

Do While DateAdd("YYYY", 1, FechaCalculo) <= Now

Anios = Anios + 1

FechaCalculo = DateAdd("YYYY", 1, FechaCalculo)

Loop

Do While DateAdd("m", 1, FechaCalculo) <= Now

Meses = Meses + 1

FechaCalculo = DateAdd("m", 1, FechaCalculo)

Loop

Do While DateAdd("d", 1, FechaCalculo) <= Now

Dias = Dias + 1

FechaCalculo = DateAdd("d", 1, FechaCalculo)

Loop

Dim Edad As String = Anios & " años, " & Meses & " meses y " & Dias & " días"

txtEdad.Text = Edad

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.GuardarT(1)

Case 0

MsgBox("Teléfono ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.EliminarT(1)

Case 0

MsgBox("Teléfono eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub cbTelefono\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles cbTelefono.KeyPress

permitirNumerosSE(e)

End Sub

End Class

frmAnalisisClinico

Public Class frmAnalisisClinico

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

Dim a As New Analisis

a.ci = Val(txtBCI.Text)

a.resultado = txtResultado.Text

a.tipo = txtTipo.Text

a.fecha = dtpFecha.Value

a.cn = cn

Select Case a.Guardar(1)

Case 0

MsgBox("Análisis ingresado con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el análisis. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

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

Dim a As New Analisis

a.ci = Val(txtBCI.Text)

a.cn = cn

Select Case a.verifyci2()

Case 0 'Encontré

If a.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case a.estadop()

Case 0

MsgBox("Paciente dado de alta éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta del paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

Select Case a.comprobarFecha()

Case 0

If MsgBox("¿Desea ingresar los datos de un análisis clínico perteneciente a un paciente con C.I " & (txtBCI.Text) & "?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case Else

MsgBox("El paciente no tiene consultas con un médico, para ingresar un análisis clínico es necesario previamente que se atienda con un médico.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 3 'No encontré

MsgBox("El paciente no existe, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

txtTipo.Clear()

txtResultado.Clear()

txtTipo.Clear()

Case Else

MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

txtBCI.Clear()

dtpFecha.ResetText()

txtResultado.Clear()

txtTipo.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

Private Sub txtBCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtBCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

frmBMAnalisisClinico

Public Class frmBMAnalisisClinico

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim a As New Analisis

a.ci = Val(txtCI.Text)

a.tipo = Val(txtTipo.Text)

a.resultado = txtResultado.Text

a.fecha = dtpFecha.Value

a.id = cboID.SelectedItem()

a.cn = cn

Select Case a.Buscar()

Case 0 'Encontré

txtCI.Text = a.ci

txtTipo.Text = a.tipo

dtpFecha.Value = a.fecha

txtResultado.Text = a.resultado

cmdEliminar.Enabled = True

cmdModificar.Enabled = True

Case 3 'No encontré

txtCI.Clear()

txtResultado.Clear()

txtTipo.Clear()

Case Else : MsgBox("Hubo errores al buscar el análisis clínico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

Dim a As New Analisis

a.ci = Val(txtCI.Text)

a.cn = cn

Dim lista As List(Of Integer)

lista = a.idanalisis()

Select Case a.verifyci()

Case 0 'Encontré

If a.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case a.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta del paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

For Each ida In lista

cboID.Items.Add(ida)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no tiene análisis clínicos existentes,asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

cboID.Items.Clear()

txtCI.Clear()

txtResultado.Clear()

txtTipo.Clear()

Case Else : MsgBox("Hubo errores al encontrar al paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

Dim a As New Analisis

a.id = cboID.SelectedItem()

a.fecha = dtpFecha.Text

a.resultado = txtResultado.Text

a.tipo = txtTipo.Text

a.cn = cn

Select Case a.Guardar(0)

Case 0

MsgBox("Análisis clínico modificado con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al realizar la modificación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

Private Sub cmdCancelar\_Click\_1(sender As Object, e As EventArgs) Handles cmdCancelar.Click

cboID.Items.Clear()

cboID.ResetText()

txtCI.Clear()

txtTipo.Clear()

dtpFecha.ResetText()

txtResultado.Clear()

cmdEliminar.Enabled = False

cmdModificar.Enabled = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Dim a As New Analisis

a.id = Val(cboID.SelectedItem)

a.ci = Val(txtCI.Text)

a.cn = cn

Select Case a.Eliminar()

Case 0

cboID.Items.Clear()

cboID.ResetText()

txtTipo.Clear()

dtpFecha.ResetText()

txtResultado.Clear()

Dim lista As List(Of Integer)

lista = a.idanalisis()

For Each ida In lista

cboID.Items.Add(ida)

Next

MsgBox("Analísis clínico eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el análisis clínico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

FrmBMDiagnostico

Public Class frmBMDiagnostico

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

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.cn = cn

Dim lista As List(Of Integer)

lista = d.iddiag()

Select Case d.verifyci()

Case 0 'Encontré

If d.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case d.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta del paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

For Each ida In lista

cboID.Items.Add(ida)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no titene diagnosticos existentes,asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

cboID.Items.Clear()

txtCI.Clear()

txtDescripcion.Clear()

cboTipo.Items.Clear()

End Select

d = Nothing

End Sub

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

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.id = Val(cboID.Text)

d.fecha = dtpFecha.Text

d.tipo = cboTipo.SelectedItem()

d.descripcion = txtDescripcion.Text

d.cn = cn

Select Case d.Guardar(0)

Case 0

MsgBox("Diagnóstico modificado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al modicar el diagnóstico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

Dim d As New Diagnosticos

d.cn = cn

Dim lista As List(Of String)

lista = d.tipodiag()

For Each Diagnostico In lista

cboTipo.Items.Add(Diagnostico)

Next

End Sub

Private Sub cboID\_SelectedIndexChanged\_1(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.id = Val(cboID.Text)

d.cn = cn

Select Case d.Buscar()

Case 0 'Encontré

txtCI.Text = d.ci

cboTipo.SelectedItem = d.tipo

cboTipo.Text = d.nombreD

dtpFecha.Value = d.fecha

txtDescripcion.Text = d.descripcion

cmdEliminar.Enabled = True

cmdModificar.Enabled = True

Case 3 'No encontré

txtCI.Clear()

cboID.ResetText()

txtDescripcion.Clear()

Case Else : MsgBox("Hubo errores al buscar el diagnóstico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

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

cboID.Items.Clear()

cboID.ResetText()

cboTipo.ResetText()

txtCI.Clear()

dtpFecha.ResetText()

txtDescripcion.Clear()

cmdEliminar.Enabled = False

cmdModificar.Enabled = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Dim d As New Diagnosticos

d.id = Val(cboID.SelectedItem)

d.ci = Val(txtCI.Text)

d.cn = cn

Select Case d.Eliminar()

Case 0

cboID.Items.Clear()

cboID.ResetText()

cboTipo.ResetText()

txtDescripcion.Clear()

dtpFecha.ResetText()

Dim lista As List(Of Integer)

lista = d.iddiag()

For Each ida In lista

cboID.Items.Add(ida)

Next

MsgBox("Diagnóstico eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el diagnóstico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

frmBMTratamiento

Public Class frmBMTratamiento

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

Dim t As New Tratamientos

t.ci = Val(txtCI.Text)

t.cn = cn

Dim lista As List(Of Integer)

lista = t.idtratamiento()

Select Case t.verifyci()

Case 0 'Encontré

If t.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case t.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

For Each ida In lista

cboID.Items.Add(ida)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no tiene tratamientos existentes,asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

txtCI.Clear()

txtDescripcion.Clear()

txtNombre.Clear()

dtpFinal.ResetText()

dtpInicio.ResetText()

End Select

t = Nothing

End Sub

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim t As New Tratamientos

t.ci = Val(txtCI.Text)

t.descripcion = txtDescripcion.Text

t.nombre = txtNombre.Text

t.fechafinal = dtpFinal.Value

t.fechainicio = dtpInicio.Value

t.id = cboID.SelectedItem()

t.cn = cn

Select Case t.Buscar()

Case 0 'Encontré

txtCI.Text = t.ci

txtNombre.Text = t.nombre

txtDescripcion.Text = t.descripcion

dtpFinal.Value = t.fechafinal

dtpInicio.Value = t.fechainicio

cmdEliminar.Enabled = True

cmdModificar.Enabled = True

Case 3 'No encontré

txtCI.Clear()

txtNombre.Clear()

txtDescripcion.Clear()

dtpFinal.ResetText()

dtpInicio.ResetText()

End Select

t = Nothing

End Sub

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

Dim t As New Tratamientos

t.id = Val(cboID.SelectedItem)

t.ci = Val(txtCI.Text)

t.cn = cn

Select Case t.Eliminar()

Case 0

cboID.Items.Clear()

cboID.ResetText()

txtNombre.Clear()

txtDescripcion.Clear()

dtpFinal.ResetText()

dtpInicio.ResetText()

Dim lista As List(Of Integer)

lista = t.idtratamiento()

For Each ida In lista

cboID.Items.Add(ida)

Next

MsgBox("Tratamiento eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el tratamiento. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

t = Nothing

End Sub

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

Dim t As New Tratamientos

t.id = cboID.SelectedItem()

t.descripcion = txtDescripcion.Text

t.nombre = txtNombre.Text

t.fechafinal = dtpFinal.Value

t.fechainicio = dtpInicio.Value

t.cn = cn

Select Case t.Guardar(0)

Case 0

MsgBox("Tratamiento modificado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al modificar el tratamiento. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

t = Nothing

End Sub

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

cboID.Items.Clear()

cboID.ResetText()

txtCI.Clear()

txtNombre.Clear()

txtDescripcion.Clear()

dtpFinal.ResetText()

dtpInicio.ResetText()

cmdEliminar.Enabled = False

cmdModificar.Enabled = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Me.Close()

End Sub

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

dtpFinal.Format = DateTimePickerFormat.Custom

dtpFinal.CustomFormat = "yyyy/MM/dd HH:mm:ss"

dtpInicio.Format = DateTimePickerFormat.Custom

dtpInicio.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpInicio\_ValueChanged(sender As Object, e As EventArgs) Handles dtpInicio.ValueChanged

If dtpInicio.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpInicio.ResetText()

End If

End Sub

Private Sub dtpFinal\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFinal.ValueChanged

If dtpFinal.Value < dtpInicio.Value Then

MsgBox("Error, no se permite ingresar una fecha final que sea menor a la fecha inicial.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFinal.ResetText()

End If

If dtpFinal.Value = ("31/12/9998") Then

cbFechaFinal.Checked = True

Else

cbFechaFinal.Checked = False

End If

End Sub

Private Sub cbFechaFinal\_CheckedChanged(sender As Object, e As EventArgs) Handles cbFechaFinal.CheckedChanged

If cbFechaFinal.Checked = True Then

dtpFinal.Value = "9998-12-31 00:00:00"

dtpFinal.Enabled = False

dtpFinal.Visible = False

txtNula.Visible = True

Else

txtNula.Visible = False

dtpFinal.ResetText()

dtpFinal.Visible = True

dtpFinal.Enabled = True

End If

End Sub

End Class

frmConsultaAnalisis

Public Class frmConsultaAnalisis

Private Sub txtCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim a As New Analisis

a.ci = Val(txtCI.Text)

a.tipo = txtTipo.Text

a.resultado = txtResultado.Text

a.fecha = dtpFecha.Value

a.id = cboID.SelectedItem()

a.cn = cn

Select Case a.Buscar()

Case 0 'Encontré

txtCI.Text = a.ci

txtTipo.Text = a.tipo

dtpFecha.Value = a.fecha

txtResultado.Text = a.resultado

Case 3 'No encontré

txtCI.Clear()

txtResultado.Clear()

txtTipo.Clear()

End Select

a = Nothing

End Sub

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

Dim a As New Analisis

a.ci = Val(txtCI.Text)

a.cn = cn

Dim lista As List(Of Integer)

lista = a.idanalisis()

Select Case a.verifyci()

Case 0 'Encontré

If a.estadoborradop = 1 Then

MsgBox("No puede consultar la siguiente información debido a que usted está dado de baja, para que se realice el alta de vuelta debe de contactar con la institución médica.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Else

Select Case a.getci()

Case 0

If a.ci = Val(txtCI.Text) Then

For Each ida In lista

cboID.Items.Add(ida)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

Else

MsgBox("Solo puedes buscar registros de tu propiedad, por favor ingresa tu CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End If

Case Else : MsgBox("Solo puedes buscar registros de tu propiedad, por favor ingresa tu CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no tiene analisis clínicos existentes,asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

cboID.Items.Clear()

txtCI.Clear()

txtResultado.Clear()

txtTipo.Clear()

Case Else

MsgBox("Hubo error al efectuar la busqueda. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

a = Nothing

End Sub

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

cboID.Items.Clear()

cboID.ResetText()

txtCI.Clear()

txtTipo.Clear()

dtpFecha.ResetText()

txtResultado.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

frmConsultaDiagnostico

Public Class frmConsultaDiagnostico

Private Sub txtCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

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

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.cn = cn

Dim lista As List(Of Integer)

lista = d.iddiag()

Select Case d.verifyci()

Case 0 'Encontré

If d.estadoborradop = 1 Then

MsgBox("No puede consultar la siguiente información debido a que usted está dado de baja, para que se realice el alta de vuelta debe de contactar con la institución médica.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Else

Select Case d.getci()

Case 0

If d.ci = Val(txtCI.Text) Then

For Each ida In lista

cboID.Items.Add(ida)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

Else

MsgBox("Solo puedes buscar registros de tu propiedad, por favor ingresa tu CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End If

Case Else : MsgBox("Solo puedes buscar registros de tu propiedad, por favor ingresa tu CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no tiene un diagnostico existente, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

cboID.Items.Clear()

txtCI.Clear()

txtDescripcion.Clear()

txtNombreD.Clear()

End Select

d = Nothing

End Sub

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.id = Val(cboID.Text)

d.cn = cn

Select Case d.Buscar()

Case 0 'Encontré

txtCI.Text = d.ci

txtNombreD.Text = d.nombreD

dtpFecha.Value = d.fecha

txtDescripcion.Text = d.descripcion

Case 3 'No encontré

txtCI.Clear()

txtNombreD.Clear()

txtDescripcion.Clear()

Case Else : MsgBox("Hubo errores al efectuar operación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

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

cboID.Items.Clear()

cboID.ResetText()

txtCI.Clear()

dtpFecha.ResetText()

txtDescripcion.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

frmConsultaEntInicial

Public Class frmConsultaEntInicial

Private Sub txtBCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub cbFecha\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cbFecha.SelectedIndexChanged

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.fechacb = cbFecha.SelectedItem

i.antecedentes = txtAntecedentes.Text

i.enfermedad = txtEnfermedadActual.Text

i.enfermedadf = txtEnfermedadFamiliar.Text

i.estadoc = txtEstadoConciencia.Text

i.frecuenciac = txtFrecuenciaCardiaca.Text

i.frecuenciar = txtFrecuenciaResp.Text

i.gradoc = txtGradoDeColab.Text

i.gradoh = txtGradoDeHidratacion.Text

i.motivoconsulta = txtMotivo.Text

i.movilidad = txtMovilidad.Text

i.nombreacompañante = txtNombreAcompañante.Text

i.otro = txtOtro.Text

i.temperatura = Val(txtTemperatura.Text)

i.cimedico = Val(txtCIMedico.Text)

i.pulso = txtPulso.Text

i.actitud = txtActitud.Text

i.estadon = txtEstadoNutricion.Text

i.cn = cn

Select Case i.Buscar()

Case 0 'Encontré

txtAntecedentes.Text = i.antecedentes

txtEnfermedadActual.Text = i.enfermedad

txtTipoEnfActual.Text = i.tipoenfactual

txtTipoEnfAnt.Text = i.tipoenfanterior

txtEnfermedadFamiliar.Text = i.enfermedadf

txtEstadoConciencia.Text = i.estadoc

txtFrecuenciaCardiaca.Text = i.frecuenciac

txtFrecuenciaResp.Text = i.frecuenciar

txtGradoDeColab.Text = i.gradoc

txtGradoDeHidratacion.Text = i.gradoh

txtMotivo.Text = i.motivoconsulta

txtMovilidad.Text = i.movilidad

txtNombreAcompañante.Text = i.nombreacompañante

txtTemperatura.Text = i.temperatura

txtCIMedico.Text = i.cimedico

txtPulso.Text = i.pulso

txtActitud.Text = i.actitud

txtEstadoNutricion.Text = i.estadon

If i.fiebre = 1 Then

CheckBoxFiebre.Checked = True

Else

CheckBoxFiebre.Checked = False

End If

If i.malestar = 1 Then

CheckBoxMalestar.Checked = True

Else

CheckBoxMalestar.Checked = False

End If

If i.dolor = 1 Then

CheckBoxDolor.Checked = True

Else

CheckBoxDolor.Checked = False

End If

If i.otro = "" Then

CheckBoxOtroS.Checked = False

txtOtro.Clear()

Else

CheckBoxOtroS.Checked = True

txtOtro.Text = i.otro

End If

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

Case Else : MsgBox("Hubo errores al efectuar operación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

i = Nothing

End Sub

Private Sub CheckBoxOtroS\_CheckedChanged(sender As Object, e As EventArgs) Handles CheckBoxOtroS.CheckedChanged

If CheckBoxOtroS.Checked = True Then

txtOtro.Visible = True

Else

txtOtro.Clear()

txtOtro.Visible = False

End If

End Sub

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

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.cn = cn

Select Case i.verifyci2()

Case 0 'Encontré

If i.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case i.estadop()

Case 0

MsgBox("Operación efectuada con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al efectuar operación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

Dim lista As List(Of String)

lista = i.fechafunc()

For Each Fecha In lista

cbFecha.Items.Add(Fecha)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no se le ha realizado ninguna entrevista, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

txtCI.Clear()

End Select

i = Nothing

End Sub

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

txtCI.Clear()

txtCIMedico.Clear()

txtEstadoConciencia.Clear()

txtGradoDeColab.Clear()

cbFecha.ResetText()

txtMovilidad.Clear()

txtPulso.Clear()

txtActitud.Clear()

txtEstadoNutricion.Clear()

txtGradoDeHidratacion.Clear()

txtEstadoConciencia.Clear()

txtMotivo.Clear()

txtFrecuenciaResp.Clear()

txtTemperatura.Clear()

txtFrecuenciaCardiaca.Clear()

txtEnfermedadActual.Clear()

txtNombreAcompañante.Clear()

txtEnfermedadFamiliar.Clear()

txtAntecedentes.Clear()

txtTipoEnfActual.Clear()

txtTipoEnfAnt.Clear()

txtOtro.Clear()

CheckBoxDolor.Checked = False

CheckBoxFiebre.Checked = False

CheckBoxOtroS.Checked = False

CheckBoxMalestar.Checked = False

gbBuscar.Enabled = True

gbDatos.Visible = False

cbFecha.Items.Clear()

End Sub

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

Me.Close()

End Sub

Private Sub CheckBoxDolor\_CheckedChanged(sender As Object, e As EventArgs) Handles CheckBoxDolor.CheckedChanged

If CheckBoxDolor.Checked = True Then

cmdConsultar.Visible = True

Else

cmdConsultar.Visible = False

End If

End Sub

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

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.fecha = cbFecha.SelectedItem

i.cn = cn

Select Case i.buscardolor()

Case 0 'Encontré

frmPartesCuerpo.Show()

frmPartesCuerpo.cmdIngresar.Enabled = False

If i.boca = 1 Then

frmPartesCuerpo.cbBoca.Checked = True

Else

frmPartesCuerpo.cbBoca.Checked = False

End If

If i.brazo = 1 Then

frmPartesCuerpo.cbBrazo.Checked = True

Else

frmPartesCuerpo.cbBrazo.Checked = False

End If

If i.cabeza = 1 Then

frmPartesCuerpo.cbCabeza.Checked = True

Else

frmPartesCuerpo.cbCabeza.Checked = False

End If

If i.cuello = 1 Then

frmPartesCuerpo.cbCuello.Checked = True

Else

frmPartesCuerpo.cbCuello.Checked = False

End If

If i.dedo = 1 Then

frmPartesCuerpo.cbDedo.Checked = True

Else

frmPartesCuerpo.cbDedo.Checked = False

End If

If i.espalda = 1 Then

frmPartesCuerpo.cbEspalda.Checked = True

Else

frmPartesCuerpo.cbEspalda.Checked = False

End If

If i.estomago = 1 Then

frmPartesCuerpo.cbEstomago.Checked = True

Else

frmPartesCuerpo.cbEstomago.Checked = False

End If

If i.frente = 1 Then

frmPartesCuerpo.cbFrente.Checked = True

Else

frmPartesCuerpo.cbFrente.Checked = False

End If

If i.garganta = 1 Then

frmPartesCuerpo.cbGarganta.Checked = True

Else

frmPartesCuerpo.cbGarganta.Checked = False

End If

If i.hombro = 1 Then

frmPartesCuerpo.cbHombro.Checked = True

Else

frmPartesCuerpo.cbHombro.Checked = False

End If

If i.mano = 1 Then

frmPartesCuerpo.cbMano.Checked = True

Else

frmPartesCuerpo.cbMano.Checked = False

End If

If i.muslo = 1 Then

frmPartesCuerpo.cbMuslo.Checked = True

Else

frmPartesCuerpo.cbMuslo.Checked = False

End If

If i.munieca = 1 Then

frmPartesCuerpo.cbMunieca.Checked = True

Else

frmPartesCuerpo.cbMunieca.Checked = False

End If

If i.nariz = 1 Then

frmPartesCuerpo.cbNariz.Checked = True

Else

frmPartesCuerpo.cbNariz.Checked = False

End If

If i.ojo = 1 Then

frmPartesCuerpo.cbOjo.Checked = True

Else

frmPartesCuerpo.cbOjo.Checked = False

End If

If i.oreja = 1 Then

frmPartesCuerpo.cbOreja.Checked = True

Else

frmPartesCuerpo.cbOreja.Checked = False

End If

If i.pantorrilla = 1 Then

frmPartesCuerpo.cbPantorrilla.Checked = True

Else

frmPartesCuerpo.cbPantorrilla.Checked = False

End If

If i.pecho = 1 Then

frmPartesCuerpo.cbPecho.Checked = True

Else

frmPartesCuerpo.cbPecho.Checked = False

End If

If i.pie = 1 Then

frmPartesCuerpo.cbPie.Checked = True

Else

frmPartesCuerpo.cbPie.Checked = False

End If

If i.pierna = 1 Then

frmPartesCuerpo.cbPierna.Checked = True

Else

frmPartesCuerpo.cbPierna.Checked = False

End If

If i.rodilla = 1 Then

frmPartesCuerpo.cbRodilla.Checked = True

Else

frmPartesCuerpo.cbRodilla.Checked = False

End If

If i.tobillo = 1 Then

frmPartesCuerpo.cbTobillo.Checked = True

Else

frmPartesCuerpo.cbTobillo.Checked = False

End If

If i.trasero = 1 Then

frmPartesCuerpo.cbTrasero.Checked = True

Else

frmPartesCuerpo.cbTrasero.Checked = False

End If

Case Else 'No encontré

MsgBox("Hubo errores al consultar las partes del cuerpo. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End Sub

End Class

FrmConsultar Pacientes

Public Class frmConsultarPacientes

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

txtPnombre.Clear()

txtSnombre.Clear()

txtPapellido.Clear()

txtSapellido.Clear()

cbTelefono.ResetText()

dtpFechaNac.ResetText()

txtEdad.Clear()

txtCalle.Clear()

txtEcivil.Clear()

txtSexo.Clear()

cbTelefono.Items.Clear()

txtCorreo.Clear()

txtNpuerta.Clear()

txtEsquina.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.cn = cn

Select Case p.Buscar()

Case 0 'Encontré

If p.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case p.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

txtPnombre.Text = p.pnombre

txtSnombre.Text = p.snombre

txtPapellido.Text = p.papellido

txtSapellido.Text = p.sapellido

dtpFechaNac.Text = p.fechanac

txtEdad.Text = p.edad

txtEcivil.Text = p.estadocivil

txtSexo.Text = p.sexo

txtCalle.Text = p.calle

txtCorreo.Text = p.correo

txtNpuerta.Text = p.nropuerta

txtEsquina.Text = p.esquina

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

gbBuscar.Enabled = False

gbDatos.Visible = True

End If

Case 3

MsgBox("No se encontró al paciente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Me.Close()

End Sub

End Class

FrmConsultasFormulario

Public Class frmConsultasFormulario

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub Button1\_Click(ByVal sender As Object, ByVal e As EventArgs) Handles cmdCancelar.Click

txtCI.Clear()

cboID.Items.Clear()

cboID.ResetText()

cboTipo.Items.Clear()

cboTipo.ResetText()

dgv\_Form.Columns.Clear()

gbFormulario.Enabled = False

gbFormulario.Visible = False

gbFiltros.Visible = False

gbFiltros.Enabled = False

gbBuscar.Enabled = True

End Sub

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

Dim f As New Formularios

f.tipo = cboTipo.SelectedItem()

f.cn = cn

f.ci = txtCI.Text

cboTipo.Items.Clear()

Dim lista As List(Of String)

lista = f.tipoform2()

Select Case f.verifyci()

Case 0 'Encontré

If f.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case f.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

For Each Diagnostico In lista

cboTipo.Items.Add(Diagnostico)

Next

gbBuscar.Enabled = False

gbFiltros.Enabled = True

gbFiltros.Visible = True

gbFormulario.Enabled = True

gbFormulario.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, o no tiene formularios respondidos, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

cboID.Items.Clear()

txtCI.Clear()

End Select

f = Nothing

End Sub

Private Sub cboTipo\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboTipo.SelectedIndexChanged

Dim f As New Formularios

f.tipo = cboTipo.SelectedItem()

f.cn = cn

Dim lista As List(Of Integer)

lista = f.idform()

cboID.Items.Clear()

cboID.ResetText()

For Each id In lista

cboID.Items.Add(id)

Next

End Sub

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim f As New Formularios

f.idf = cboID.SelectedItem()

f.cn = cn

dgv\_Form.DataSource = f.tablaform()

f = Nothing

End Sub

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

Me.Close()

End Sub

End Class

frmCreditos

Public Class frmCreditos

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

Me.Close()

End Sub

End Class

frmDiagnostico

Public Class frmDiagnostico

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

Dim d As New Diagnosticos

d.ci = Val(txtCI.Text)

d.cn = cn

Select Case d.verifyci2()

Case 0 'Encontré

If d.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case d.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

Select Case d.comprobarFecha()

Case 0

If MsgBox("¿Desea ingresar los datos de un diagnóstico perteneciente a un paciente con C.I " & (txtCI.Text) & "?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case Else

MsgBox("El paciente no tiene consultas con un médico, para ingresar un diagnóstico es necesario previamente que se atienda con un médico.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 3 'No encontré

MsgBox("El paciente no existe, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

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

Dim d As New Diagnosticos

d.ci = txtCI.Text

d.tipo = cboTipo.SelectedItem()

d.fecha = dtpFecha.Value

d.descripcion = txtDescripcion.Text

d.cn = cn

Select Case d.Guardar(1)

Case 0

MsgBox("Diagnóstigo ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Dim myValue As String = InputBox("En el caso de que el diagnóstico realizado sea correcto, ingrese la enfermadad actual que detecto en el paciente.", "ESTABLECER ENFERMEDAD ACTUAL - S.I.BI.M - GSA", "Ingrese enfermedad")

If myValue.Equals("") Then

Else

d.enfactual = myValue

Select Case d.setenfactual

Case 0

MsgBox("Enfermedad actual actualizada éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al actualizar la enfermedad actual. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el diagnóstico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

d = Nothing

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

Dim d As New Diagnosticos

d.cn = cn

Dim lista As List(Of String)

lista = d.tipodiag()

For Each Diagnostico In lista

cboTipo.Items.Add(Diagnostico)

Next

End Sub

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

cboTipo.ResetText()

txtCI.Clear()

dtpFecha.ResetText()

txtDescripcion.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

End Class

frmEntrevistaInicial

Public Class frmEntrevistaInicial

Private Sub txtBCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub txtTemperatura\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtTemperatura.KeyPress

If Char.IsNumber(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsControl(e.KeyChar) Then

e.Handled = False

ElseIf Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar espacios.", "ADVERTENCIA")

ElseIf Char.IsPunctuation(e.KeyChar) Then

e.Handled = False

Else

MessageBox.Show("No se permite ingresar letras a excepción de puntos o números.", "ADVERTENCIA")

e.Handled = True

End If

End Sub

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

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.cimedico = Val(txtCIMedico.Text)

i.estadoc = txtEstadoConciencia.Text

i.gradoc = txtGradoDeColab.Text

i.fecha = dtpFecha.Value

i.movilidad = txtMovilidad.Text

i.actitud = cbActitud.SelectedItem()

i.pulso = cbPulso.SelectedItem()

i.estadon = cbEstadoNutricion.SelectedItem()

i.gradoh = txtGradoDeHidratacion.Text

i.estadoc = txtEstadoConciencia.Text

i.motivoconsulta = txtMotivo.Text

i.temperatura = txtTemperatura.Text

i.frecuenciac = txtFrecuenciaCardiaca.Text

i.frecuenciar = txtFrecuenciaResp.Text

i.enfermedad = txtEnfermedadActual.Text

i.nombreacompañante = txtNombreAcompañante.Text

i.enfermedadf = txtEnfermedadFamiliar.Text

i.antecedentes = txtAntecedentes.Text

i.tipoenfanterior = txtTipoEnfAnt.Text

i.tipoenfactual = txtTipoEnfActual.Text

i.otro = txtOtro.Text

i.cn = cn

If CheckBoxFiebre.Checked = True Then

i.fiebre = 1

Else

i.fiebre = 0

End If

If CheckBoxDolor.Checked = True Then

i.dolor = 1

Else

i.dolor = 0

End If

If CheckBoxMalestar.Checked = True Then

i.malestar = 1

Else

i.malestar = 0

End If

Select Case i.Guardar(1)

Case 0

MsgBox("Entrevista inicial ingresada éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

If CheckBoxDolor.Checked = True Then

frmPartesCuerpo.Show()

Else

frmPrediccion.Show()

End If

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar la entrevista inicial. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

i = Nothing

End Sub

Private Sub CheckBoxOtroS\_CheckedChanged(sender As Object, e As EventArgs) Handles CheckBoxOtroS.CheckedChanged

If CheckBoxOtroS.Checked = True Then

txtOtro.Visible = True

Else

txtOtro.Clear()

txtOtro.Visible = False

End If

End Sub

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

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.cn = cn

Select Case i.verifyci()

Case 0 'Encontré

If i.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case i.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

For Each tipo In i.actitudE

cbActitud.Items.Add(tipo)

Next

For Each tipo In i.estadonE

cbEstadoNutricion.Items.Add(tipo)

Next

For Each tipo In i.pulsoE

cbPulso.Items.Add(tipo)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

Case 3 'No encontré

MsgBox("El paciente no existe, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

txtCI.Clear()

End Select

i = Nothing

End Sub

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

txtCI.Clear()

txtCIMedico.Clear()

txtEstadoConciencia.Clear()

txtGradoDeColab.Clear()

dtpFecha.ResetText()

txtMovilidad.Clear()

cbActitud.ResetText()

cbPulso.ResetText()

cbEstadoNutricion.ResetText()

txtGradoDeHidratacion.Clear()

txtEstadoConciencia.Clear()

txtMotivo.Clear()

txtFrecuenciaResp.Clear()

txtTemperatura.Clear()

txtFrecuenciaCardiaca.Clear()

txtEnfermedadActual.Clear()

txtNombreAcompañante.Clear()

txtEnfermedadFamiliar.Clear()

txtAntecedentes.Clear()

txtTipoEnfActual.Clear()

txtTipoEnfAnt.Clear()

txtOtro.Clear()

CheckBoxDolor.Checked = False

CheckBoxFiebre.Checked = False

CheckBoxOtroS.Checked = False

CheckBoxMalestar.Checked = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

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

Me.Close()

End Sub

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

dtpFecha.Format = DateTimePickerFormat.Custom

dtpFecha.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub txtGradoDeColab\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtGradoDeColab.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtMovilidad\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtMovilidad.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtEstadoConciencia\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtEstadoConciencia.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtNombreAcompañante\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtNombreAcompañante.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtCIMedico\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCIMedico.KeyPress

permitirNumerosSE(e)

If txtCIMedico.Text.Equals(txtCI.Text) Then

MsgBox("Error, no se permite ingresar un médico que se atienda a sí mismo.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

txtCIMedico.Clear()

End If

End Sub

Private Sub txtTipoEnfActual\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtTipoEnfActual.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtTipoEnfAnt\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtTipoEnfAnt.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtGradoDeHidratacion\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtGradoDeHidratacion.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub dtpFecha\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFecha.ValueChanged

If dtpFecha.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFecha.ResetText()

End If

End Sub

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

If Val(txtTemperatura.Text) >= 37.5 Then

CheckBoxFiebre.Checked = True

Else

CheckBoxFiebre.Checked = False

End If

End Sub

End Class

frmFormulario

Public Class frmFormulario

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

Dim f As New Formularios

f.ci = Val(txtCI.Text)

f.cn = cn

Select Case f.verifyci2()

Case 0 'Encontré

If f.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case f.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

Select Case f.comprobarFecha()

Case 0

Dim lista As List(Of String)

lista = f.fechafunc()

For Each Fecha In lista

cbFecha.Items.Add(Fecha)

Next

Dim lista2 As List(Of String)

lista2 = f.tipoform()

For Each Diagnostico In lista2

cboTipo.Items.Add(Diagnostico)

Next

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

gbIngPreg.Enabled = True

gbIngPreg.Visible = True

gbSelecPreg.Enabled = True

gbSelecPreg.Visible = True

gbIngResp.Enabled = True

gbIngResp.Visible = True

Case Else

MsgBox("El paciente no tiene consultas con un médico, para contestar un formulario es necesario previamente que se atienda con un médico.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Case 3 'No encontré

MsgBox("El paciente no existe, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

Private Sub cbFecha\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cbFecha.SelectedIndexChanged

Dim f As New Formularios

f.fecha = cbFecha.SelectedItem()

f.cn = cn

Dim lista As List(Of String)

lista = f.cifunc()

For Each CI In lista

cbCIMedico.Items.Add(CI)

Next

End Sub

Private Sub cboTipo\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboTipo.SelectedIndexChanged

Dim f As New Formularios

f.tipo = cboTipo.SelectedItem()

f.cn = cn

Dim lista As List(Of Integer)

lista = f.idform()

cboPregunta.Items.Clear()

cboPregunta.ResetText()

cboID.Items.Clear()

cboID.ResetText()

For Each id In lista

cboID.Items.Add(id)

Next

End Sub

Private Sub cboID\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cboID.SelectedIndexChanged

Dim f As New Formularios

f.idf = cboID.SelectedItem()

f.cn = cn

cboPregunta.Items.Clear()

cboPregunta.ResetText()

Dim lista1 As List(Of String)

lista1 = f.preg2()

For Each Pregunta In lista1

cboPregunta.Items.Add(Pregunta)

Next

End Sub

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

Dim f As New Formularios

f.idf = cboID.SelectedItem()

f.ci = txtCI.Text

f.respuesta = txtRespuesta.Text

f.pregunta = cboPregunta.SelectedItem()

f.fecha = cbFecha.SelectedItem()

f.cimedico = cbCIMedico.SelectedItem()

f.cn = cn

Select Case f.Guardar3(1)

Case 0

MsgBox("Respuesta ingresada éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar la respuesta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

f = Nothing

End Sub

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

Me.Close()

End Sub

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

txtCI.Clear()

txtRespuesta.Clear()

cbCIMedico.ResetText()

cbFecha.ResetText()

cboID.ResetText()

cboPregunta.ResetText()

cboTipo.ResetText()

gbBuscar.Enabled = True

gbDatos.Enabled = False

gbDatos.Visible = False

gbIngPreg.Enabled = False

gbIngPreg.Visible = False

gbSelecPreg.Enabled = False

gbSelecPreg.Visible = False

gbIngResp.Enabled = False

gbIngResp.Visible = False

End Sub

End Class

FrmIngresoPacientes

Public Class frmIngresoPacientes

Private Sub txtBCI\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtBCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub txtPnombre\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPnombre.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtPapellido\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPapellido.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtSnombre\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtSnombre.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtSapellido\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtSapellido.KeyPress

permitirLetrasCE(e)

End Sub

Private Sub txtEdad\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtEdad.KeyPress

permitirNumerosSE(e)

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.cn = cn

Select Case p.verifyci()

Case 0

Select Case p.Buscar()

Case 0 'Encontré

If p.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case p.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

txtPnombre.Text = p.pnombre

txtSnombre.Text = p.snombre

txtPapellido.Text = p.papellido

txtSapellido.Text = p.sapellido

dtpFechaNac.Text = p.fechanac

txtEdad.Text = p.edad

cbEcivil.Text = p.estadocivil

cbSexo.Text = p.sexo

txtCalle.Text = p.calle

txtCorreo.Text = p.correo

txtNpuerta.Text = p.nropuerta

txtEsquina.Text = p.esquina

Dim lista As List(Of String)

lista = p.ecivil()

For Each EstadoCivil In lista

cbEcivil.Items.Add(EstadoCivil)

Next

Dim lista1 As List(Of Char)

lista1 = p.csexo()

For Each Sexo In lista1

cbSexo.Items.Add(Sexo)

Next

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

gbTelefono.Visible = True

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = False

cmdEliminar.Enabled = True

cmdModificar.Enabled = True

End If

Case 3 'No encontré

MsgBox("Esta persona perteneciente al personal médico ya tiene los datos necesarios ingresados, para ingresarlo como paciente solamente hace falta ingresar los siguientes datos.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmUsuario.Show()

frmUsuario.cmdIngresar.Visible = True

frmPaciente.Enabled = False

frmPaciente.Show()

frmPaciente.cmdIngresar2.Visible = True

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

Case 3

Select Case p.Buscar()

Case 0 'Encontré

If p.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case p.estadop()

Case 0

MsgBox("El alta del paciente se realizó éxitosamente", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

txtPnombre.Text = p.pnombre

txtSnombre.Text = p.snombre

txtPapellido.Text = p.papellido

txtSapellido.Text = p.sapellido

dtpFechaNac.Text = p.fechanac

txtEdad.Text = p.edad

cbEcivil.Text = p.estadocivil

cbSexo.Text = p.sexo

txtCalle.Text = p.calle

txtCorreo.Text = p.correo

txtNpuerta.Text = p.nropuerta

txtEsquina.Text = p.esquina

Dim lista As List(Of String)

lista = p.ecivil()

For Each EstadoCivil In lista

cbEcivil.Items.Add(EstadoCivil)

Next

Dim lista1 As List(Of Char)

lista1 = p.csexo()

For Each Sexo In lista1

cbSexo.Items.Add(Sexo)

Next

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

gbTelefono.Visible = True

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = False

cmdEliminar.Enabled = True

cmdModificar.Enabled = True

End If

Case 3

If MsgBox("El paciente no se encontró, ¿Desea ingresarlo?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

frmUsuario.Show()

frmUsuario.cmdIngresar.Visible = True

Me.Enabled = False

Dim lista As List(Of String)

lista = p.ecivil()

For Each EstadoCivil In lista

cbEcivil.Items.Add(EstadoCivil)

Next

Dim lista1 As List(Of Char)

lista1 = p.csexo()

For Each Sexo In lista1

cbSexo.Items.Add(Sexo)

Next

gbTelefono.Visible = False

gbBuscar.Enabled = False

gbDatos.Visible = True

cmdIngresar.Enabled = True

cmdEliminar.Enabled = False

cmdModificar.Enabled = False

End If

End Select

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.cn = cn

Select Case p.Eliminar()

Case 0

MsgBox("Paciente eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

txtPnombre.Clear()

txtSnombre.Clear()

txtPapellido.Clear()

txtSapellido.Clear()

cbEcivil.ResetText()

cbTelefono.ResetText()

dtpFechaNac.ResetText()

txtEdad.Clear()

txtCalle.Clear()

cbEcivil.Items.Clear()

cbSexo.Items.Clear()

cbTelefono.Items.Clear()

txtCorreo.Clear()

txtNpuerta.Clear()

txtEsquina.Clear()

gbTelefono.Visible = False

gbBuscar.Enabled = True

gbDatos.Visible = False

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.pnombre = txtPnombre.Text

p.snombre = txtSnombre.Text

p.papellido = txtPapellido.Text

p.sapellido = txtSapellido.Text

p.fechanac = dtpFechaNac.Text

p.estadocivil = cbEcivil.Text

p.sexo = cbSexo.Text

p.calle = txtCalle.Text

p.correo = txtCorreo.Text

p.nropuerta = txtNpuerta.Text

p.esquina = txtEsquina.Text

p.cn = cn

Select Case p.Guardar(1)

Case 0

MsgBox("Paciente ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmTelefono.Show()

frmTelefono.cmdAgregar.Visible = True

frmTelefono.cmdQuitar.Visible = True

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.pnombre = txtPnombre.Text

p.snombre = txtSnombre.Text

p.papellido = txtPapellido.Text

p.sapellido = txtSapellido.Text

p.fechanac = dtpFechaNac.Text

p.estadocivil = cbEcivil.Text

p.sexo = cbSexo.Text

p.calle = txtCalle.Text

p.telefono = txtCorreo.Text

p.nropuerta = txtNpuerta.Text

p.esquina = txtEsquina.Text

p.cn = cn

Select Case p.Guardar(0)

Case 0

MsgBox("El paciente se modificó éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al modificar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

txtPnombre.Clear()

txtSnombre.Clear()

txtPapellido.Clear()

txtSapellido.Clear()

cbEcivil.ResetText()

cbTelefono.ResetText()

dtpFechaNac.ResetText()

txtEdad.Clear()

txtCalle.Clear()

cbEcivil.Items.Clear()

cbSexo.Items.Clear()

cbTelefono.Items.Clear()

txtCorreo.Clear()

txtNpuerta.Clear()

txtEsquina.Clear()

gbTelefono.Visible = False

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

Private Sub dtpFechaNac\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFechaNac.ValueChanged

Dim Anios As Integer

Dim Meses As Integer

Dim Dias As Integer

Dim FechaCalculo As Date

FechaCalculo = dtpFechaNac.Value

If dtpFechaNac.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha de nacimiento mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End If

Do While DateAdd("YYYY", 1, FechaCalculo) <= Now

Anios = Anios + 1

FechaCalculo = DateAdd("YYYY", 1, FechaCalculo)

Loop

Do While DateAdd("m", 1, FechaCalculo) <= Now

Meses = Meses + 1

FechaCalculo = DateAdd("m", 1, FechaCalculo)

Loop

Do While DateAdd("d", 1, FechaCalculo) <= Now

Dias = Dias + 1

FechaCalculo = DateAdd("d", 1, FechaCalculo)

Loop

Dim Edad As String = Anios & " años, " & Meses & " meses y " & Dias & " días"

txtEdad.Text = Edad

End Sub

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

Me.Close()

End Sub

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

dtpFechaNac.Format = DateTimePickerFormat.Custom

dtpFechaNac.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

Private Sub cmdAddMed\_Click(sender As Object, e As EventArgs)

Dim m As New PersonalMedico

m.ci = Val(txtBCI.Text)

m.cn = cn

Select Case m.Buscar()

Case 0 'Encontré

If m.estadoborradom = 1 Then

If MsgBox("El médico o auxiliar se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case m.estado()

Case 0

MsgBox("El médico o auxiliar se dio de alta éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al efectuar el alta del médico o auxiliar. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

End If

MsgBox("Esta persona ya pertence al personal médico.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case 3 'No encontré

frmMedico.Show()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el personal médico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

m = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.GuardarT(1)

Case 0

MsgBox("Teléfono ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(txtBCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.EliminarT(1)

Case 0

MsgBox("Teléfono eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub cbEcivil\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles cbEcivil.KeyPress

e.Handled = True

MsgBox("Solo puede seleccionar los estados civilies existentes.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Sub

Private Sub cbSexo\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles cbSexo.KeyPress

e.Handled = True

MsgBox("Solo puede seleccionar los sexos existentes.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Sub

Private Sub cbTelefono\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles cbTelefono.KeyPress

permitirNumerosSE(e)

End Sub

End Class

frmLogin

Public Class frmLogin

Private Sub txtUsuario\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUsuario.KeyPress

If Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar un usuario con espacios.", "ADVERTENCIA - S.I.BI.M - GSA")

Else

e.Handled = False

End If

End Sub

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

Try

cn.Open("MIODBC", txtUsuario.Text, txtContrasenia.Text)

Catch ex As Exception

MsgBox("Usuario y/o contraseña incorrectos.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Exit Sub

End Try

cn.CursorLocation = ADODB.CursorLocationEnum.adUseClient

doyPermisos(txtUsuario.Text)

cipub = txtUsuario.Text

Me.Close()

End Sub

Private Sub txtContrasenia\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtContrasenia.KeyPress

If Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar una contraseña con espacios.", "ADVERTENCIA - S.I.BI.M - GSA")

Else

e.Handled = False

End If

End Sub

Private Sub txtContrasenia\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtContrasenia.TextChanged

If txtContrasenia.Text.Length < 8 Then

lblContraseniaMSG.Visible = True

cmdIngresar.Enabled = False

ElseIf txtContrasenia.Text.Length > 24 Then

lblContraseniaMSG.Visible = True

cmdIngresar.Enabled = False

Else

lblContraseniaMSG.Visible = False

If lblUsuarioMSG.Visible = False And lblUsuarioMSG.Visible = False Then

cmdIngresar.Enabled = True

Else

cmdIngresar.Enabled = False

End If

End If

End Sub

Private Sub txtUsuario\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUsuario.TextChanged

If txtUsuario.Text.Length < 4 Then

lblUsuarioMSG.Visible = True

cmdIngresar.Enabled = False

ElseIf txtUsuario.Text.Length > 16 Then

lblUsuarioMSG.Visible = True

cmdIngresar.Enabled = False

Else

lblUsuarioMSG.Visible = False

If lblContraseniaMSG.Visible = False And lblUsuarioMSG.Visible = False Then

cmdIngresar.Enabled = True

Else

cmdIngresar.Enabled = False

End If

End If

End Sub

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

Me.Close()

End Sub

End Class

frmMedico

Public Class frmMedico

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

Dim m As New PersonalMedico

m.ci = Val(frmAdmPersonalMedico.txtCI.Text)

m.especialidad = txtEspecialidad.Text

m.cn = cn

If rbAuxiliarMedico.Checked = False And rbMedico.Checked = False Then

MsgBox("Debe seleccionar el tipo de personal. (Médico o Auxiliar)", MessageBoxIcon.Warning, "S.I.BI.M - GSA")

Else

If rbMedico.Checked = True Then

Select Case m.Guardar3(1)

Case 0

MsgBox("Se ha ingresado éxitosamente al médico.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.")

Case Else : MsgBox("Hubo errores al ingresar el médico. En caso de persistir, consulte al adm. del sistema.")

End Select

ElseIf rbAuxiliarMedico.Checked = True Then

Select Case m.Guardar4(1)

Case 0

MsgBox("Se ha ingresado éxitosamente al auxiliar médico.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el auxiliar médico. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

End If

m = Nothing

End Sub

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

txtEspecialidad.Clear()

rbAuxiliarMedico.Checked = False

rbMedico.Checked = False

Me.Close()

End Sub

Private Sub rbMedico\_CheckedChanged(sender As Object, e As EventArgs) Handles rbMedico.CheckedChanged

lblEspecialidad.Visible = True

txtEspecialidad.Visible = True

End Sub

Private Sub rbAuxiliarMedico\_CheckedChanged(sender As Object, e As EventArgs) Handles rbAuxiliarMedico.CheckedChanged

lblEspecialidad.Visible = False

txtEspecialidad.Visible = False

txtEspecialidad.Clear()

End Sub

frmPaciente

Public Class frmPaciente

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

Dim p As New Pacientes

p.cn = cn

Dim lista As List(Of String)

lista = p.ecivil()

For Each EstadoCivil In lista

cbECivil.Items.Add(EstadoCivil)

Next

Dim lista1 As List(Of Char)

lista1 = p.csexo()

For Each Sexo In lista1

cbSexo.Items.Add(Sexo)

Next

End Sub

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

Me.Close()

End Sub

Private Sub cmdIngresar2\_Click(sender As Object, e As EventArgs) Handles cmdIngresar2.Click

Dim p As New Pacientes

p.ci = Val(frmIngresoPacientes.txtBCI.Text)

p.estadocivil = cbECivil.SelectedItem

p.sexo = cbSexo.SelectedItem

p.cn = cn

Select Case p.Guardar1(1)

Case 0

MsgBox("Paciente ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

End Class

frmPartesCuerpo

Public Class frmPartesCuerpo

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

Dim i As New EntrevistaInicial

i.ci = Val(frmEntrevistaInicial.txtCI.Text)

i.cimedico = frmEntrevistaInicial.txtCIMedico.Text

i.fecha = frmEntrevistaInicial.dtpFecha.Value

i.cn = cn

If cbBoca.Checked = True Then

i.boca = 1

Else

i.boca = 0

End If

If cbBrazo.Checked = True Then

i.brazo = 1

Else

i.brazo = 0

End If

If cbCabeza.Checked = True Then

i.cabeza = 1

Else

i.cabeza = 0

End If

If cbCuello.Checked = True Then

i.cuello = 1

Else

i.cuello = 0

End If

If cbDedo.Checked = True Then

i.dedo = 1

Else

i.dedo = 0

End If

If cbEspalda.Checked = True Then

i.espalda = 1

Else

i.espalda = 0

End If

If cbEstomago.Checked = True Then

i.estomago = 1

Else

i.estomago = 0

End If

If cbFrente.Checked = True Then

i.frente = 1

Else

i.frente = 0

End If

If cbGarganta.Checked = True Then

i.garganta = 1

Else

i.garganta = 0

End If

If cbHombro.Checked = True Then

i.hombro = 1

Else

i.hombro = 0

End If

If cbMano.Checked = True Then

i.mano = 1

Else

i.mano = 0

End If

If cbMuslo.Checked = True Then

i.muslo = 1

Else

i.muslo = 0

End If

If cbMunieca.Checked = True Then

i.munieca = 1

Else

i.munieca = 0

End If

If cbNariz.Checked = True Then

i.nariz = 1

Else

i.nariz = 0

End If

If cbOjo.Checked = True Then

i.ojo = 1

Else

i.ojo = 0

End If

If cbOreja.Checked = True Then

i.oreja = 1

Else

i.oreja = 0

End If

If cbPantorrilla.Checked = True Then

i.pantorrilla = 1

Else

i.pantorrilla = 0

End If

If cbPecho.Checked = True Then

i.pecho = 1

Else

i.pecho = 0

End If

If cbPie.Checked = True Then

i.pie = 1

Else

i.pie = 0

End If

If cbPierna.Checked = True Then

i.pierna = 1

Else

i.pierna = 0

End If

If cbRodilla.Checked = True Then

i.rodilla = 1

Else

i.rodilla = 0

End If

If cbTobillo.Checked = True Then

i.tobillo = 1

Else

i.tobillo = 0

End If

If cbTrasero.Checked = True Then

i.trasero = 1

Else

i.trasero = 0

End If

Select Case i.Guardar2(1)

Case 0

MsgBox("Partes del cuerpo con dolor éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmPrediccion.Show()

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar la el dolor de las partes del cuerpo. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

i = Nothing

End Sub

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

cbBoca.Checked = False

cbBrazo.Checked = False

cbCabeza.Checked = False

cbCuello.Checked = False

cbDedo.Checked = False

cbEspalda.Checked = False

cbEstomago.Checked = False

cbFrente.Checked = False

cbGarganta.Checked = False

cbHombro.Checked = False

cbMano.Checked = False

cbMuslo.Checked = False

cbMunieca.Checked = False

cbNariz.Checked = False

cbOjo.Checked = False

cbOreja.Checked = False

cbPantorrilla.Checked = False

cbPecho.Checked = False

cbPie.Checked = False

cbPierna.Checked = False

cbRodilla.Checked = False

cbTobillo.Checked = False

cbTrasero.Checked = False

Me.Close()

End Sub

End Class

frmPredicción

Public Class frmPrediccion

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

Dim i As New EntrevistaInicial

txtCI.Text = frmEntrevistaInicial.txtCI.Text

i.ci = Val(txtCI.Text)

i.cn = cn

Select Case i.nomape()

Case 0 'Encontré

txtNombre.Text = i.nombrepaciente

txtApellido.Text = i.apellidopaciente

Case Else

MsgBox("Hubo errores al realizar la operación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

If frmEntrevistaInicial.CheckBoxFiebre.Checked = True Then

txtFiebre.Text = "SI"

i.fiebre = 1

Else

txtFiebre.Text = "NO"

i.fiebre = 0

End If

If frmEntrevistaInicial.CheckBoxDolor.Checked = True Then

txtDolor.Text = "SI"

cmdConsultar.Enabled = True

i.dolor = 1

Else

txtDolor.Text = "NO"

cmdConsultar.Enabled = False

i.dolor = 0

End If

If frmEntrevistaInicial.CheckBoxMalestar.Checked = True Then

txtMalestar.Text = "SI"

i.malestar = 1

Else

txtMalestar.Text = "NO"

i.malestar = 0

End If

If frmEntrevistaInicial.CheckBoxOtroS.Checked = True Then

txtOtro.Text = frmEntrevistaInicial.txtOtro.Text

i.otro = txtOtro.Text

Else

txtOtro.Text = "NO"

i.otro = ""

End If

If txtDolor.Text.Equals("SI") Then

DataGridView1.DataSource = i.tabladata2()

Else

DataGridView1.DataSource = i.tabladata1()

End If

i = Nothing

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles cmdConfirmar.Click

Dim i As New EntrevistaInicial

txtCI.Text = frmEntrevistaInicial.txtCI.Text

i.ci = Val(txtCI.Text)

i.fecha = frmEntrevistaInicial.dtpFecha.Value

i.enfermedad = txtEnfermedadActual.Text

i.cn = cn

Select Case i.confirmarenf()

Case 0 'Encontré

MsgBox("Enfermedad actual del paciente modificada con éxito.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar la operación. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End Sub

Private Sub DataGridView1\_CellClick(sender As Object, e As DataGridViewCellEventArgs) Handles DataGridView1.CellClick

txtEnfermedadActual.Text = Convert.ToString(DataGridView1.Rows(e.RowIndex).Cells(0).Value.ToString())

End Sub

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

Dim i As New EntrevistaInicial

i.ci = Val(txtCI.Text)

i.fecha = frmEntrevistaInicial.dtpFecha.Value

i.cn = cn

Select Case i.buscardolor()

Case 0 'Encontré

frmPartesCuerpo.Show()

frmPartesCuerpo.cmdIngresar.Enabled = False

If i.boca = 1 Then

frmPartesCuerpo.cbBoca.Checked = True

Else

frmPartesCuerpo.cbBoca.Checked = False

End If

If i.brazo = 1 Then

frmPartesCuerpo.cbBrazo.Checked = True

Else

frmPartesCuerpo.cbBrazo.Checked = False

End If

If i.cabeza = 1 Then

frmPartesCuerpo.cbCabeza.Checked = True

Else

frmPartesCuerpo.cbCabeza.Checked = False

End If

If i.cuello = 1 Then

frmPartesCuerpo.cbCuello.Checked = True

Else

frmPartesCuerpo.cbCuello.Checked = False

End If

If i.dedo = 1 Then

frmPartesCuerpo.cbDedo.Checked = True

Else

frmPartesCuerpo.cbDedo.Checked = False

End If

If i.espalda = 1 Then

frmPartesCuerpo.cbEspalda.Checked = True

Else

frmPartesCuerpo.cbEspalda.Checked = False

End If

If i.estomago = 1 Then

frmPartesCuerpo.cbEstomago.Checked = True

Else

frmPartesCuerpo.cbEstomago.Checked = False

End If

If i.frente = 1 Then

frmPartesCuerpo.cbFrente.Checked = True

Else

frmPartesCuerpo.cbFrente.Checked = False

End If

If i.garganta = 1 Then

frmPartesCuerpo.cbGarganta.Checked = True

Else

frmPartesCuerpo.cbGarganta.Checked = False

End If

If i.hombro = 1 Then

frmPartesCuerpo.cbHombro.Checked = True

Else

frmPartesCuerpo.cbHombro.Checked = False

End If

If i.mano = 1 Then

frmPartesCuerpo.cbMano.Checked = True

Else

frmPartesCuerpo.cbMano.Checked = False

End If

If i.muslo = 1 Then

frmPartesCuerpo.cbMuslo.Checked = True

Else

frmPartesCuerpo.cbMuslo.Checked = False

End If

If i.munieca = 1 Then

frmPartesCuerpo.cbMunieca.Checked = True

Else

frmPartesCuerpo.cbMunieca.Checked = False

End If

If i.nariz = 1 Then

frmPartesCuerpo.cbNariz.Checked = True

Else

frmPartesCuerpo.cbNariz.Checked = False

End If

If i.ojo = 1 Then

frmPartesCuerpo.cbOjo.Checked = True

Else

frmPartesCuerpo.cbOjo.Checked = False

End If

If i.oreja = 1 Then

frmPartesCuerpo.cbOreja.Checked = True

Else

frmPartesCuerpo.cbOreja.Checked = False

End If

If i.pantorrilla = 1 Then

frmPartesCuerpo.cbPantorrilla.Checked = True

Else

frmPartesCuerpo.cbPantorrilla.Checked = False

End If

If i.pecho = 1 Then

frmPartesCuerpo.cbPecho.Checked = True

Else

frmPartesCuerpo.cbPecho.Checked = False

End If

If i.pie = 1 Then

frmPartesCuerpo.cbPie.Checked = True

Else

frmPartesCuerpo.cbPie.Checked = False

End If

If i.pierna = 1 Then

frmPartesCuerpo.cbPierna.Checked = True

Else

frmPartesCuerpo.cbPierna.Checked = False

End If

If i.rodilla = 1 Then

frmPartesCuerpo.cbRodilla.Checked = True

Else

frmPartesCuerpo.cbRodilla.Checked = False

End If

If i.tobillo = 1 Then

frmPartesCuerpo.cbTobillo.Checked = True

Else

frmPartesCuerpo.cbTobillo.Checked = False

End If

If i.trasero = 1 Then

frmPartesCuerpo.cbTrasero.Checked = True

Else

frmPartesCuerpo.cbTrasero.Checked = False

End If

Case Else 'No encontré

MsgBox("Hubo errores al consultar las partes del cuerpo. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End Sub

End Class

FrmPrincipal

Public Class frmPrincipal

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

If cn.State = 0 Then

frmLogin.MdiParent = Me

frmLogin.Show()

frmLogin.WindowState = FormWindowState.Maximized

Else

If MsgBox("¿Desea cerrar sesión?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

cn.Close()

frmLogin.MdiParent = Me

frmLogin.Show()

frmLogin.WindowState = FormWindowState.Maximized

menuInformacion.Enabled = False

menuFormularios.Enabled = False

menuPersonalMedico.Enabled = False

menuEntrevistaInicial.Enabled = False

menuDiagnostico.Enabled = False

menuIngTratamiento.Enabled = False

FormularioToolStripMenuItem.Enabled = False

InformaciónPacienteToolStripMenuItem.Enabled = False

EntrevistaToolStripMenuItem.Enabled = False

menuIngAnalisis.Enabled = False

menuConsAnalisis.Enabled = False

menuConsDiagnostico.Enabled = False

menu\_Consulta\_Formularios.Enabled = False

DiagnosticosToolStripMenuItem.Enabled = False

TratatamientosToolStripMenuItem.Enabled = False

AnalisisClínicosToolStripMenuItem.Enabled = False

End If

End If

End Sub

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

frmABMFormulario.MdiParent = Me

frmABMFormulario.Show()

frmABMFormulario.WindowState = FormWindowState.Maximized

End Sub

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

frmAdmPersonalMedico.MdiParent = Me

frmAdmPersonalMedico.Show()

frmAdmPersonalMedico.WindowState = FormWindowState.Maximized

End Sub

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

frmEntrevistaInicial.MdiParent = Me

frmEntrevistaInicial.Show()

frmEntrevistaInicial.WindowState = FormWindowState.Maximized

End Sub

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

frmDiagnostico.MdiParent = Me

frmDiagnostico.Show()

frmDiagnostico.WindowState = FormWindowState.Maximized

End Sub

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

frmTratamiento.MdiParent = Me

frmTratamiento.Show()

frmTratamiento.WindowState = FormWindowState.Maximized

End Sub

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

frmAnalisisClinico.MdiParent = Me

frmAnalisisClinico.Show()

frmAnalisisClinico.WindowState = FormWindowState.Maximized

End Sub

Private Sub menuIngDiagnostico\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

frmDiagnostico.MdiParent = Me

frmDiagnostico.Show()

frmDiagnostico.WindowState = FormWindowState.Maximized

End Sub

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

frmConsultaAnalisis.MdiParent = Me

frmConsultaAnalisis.Show()

frmConsultaAnalisis.WindowState = FormWindowState.Maximized

End Sub

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

frmConsultaDiagnostico.MdiParent = Me

frmConsultaDiagnostico.Show()

frmConsultaDiagnostico.WindowState = FormWindowState.Maximized

End Sub

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

frmBMDiagnostico.MdiParent = Me

frmBMDiagnostico.Show()

frmBMDiagnostico.WindowState = FormWindowState.Maximized

End Sub

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

frmBMTratamiento.MdiParent = Me

frmBMTratamiento.Show()

frmBMTratamiento.WindowState = FormWindowState.Maximized

End Sub

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

frmBMAnalisisClinico.MdiParent = Me

frmBMAnalisisClinico.Show()

frmBMAnalisisClinico.WindowState = FormWindowState.Maximized

End Sub

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

frmCreditos.MdiParent = Me

frmCreditos.Show()

frmCreditos.WindowState = FormWindowState.Maximized

End Sub

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

frmLogin.MdiParent = Me

frmLogin.Show()

frmLogin.WindowState = FormWindowState.Maximized

menuInformacion.Enabled = False

InformaciónPacienteToolStripMenuItem.Enabled = False

menuFormularios.Enabled = False

FormularioToolStripMenuItem.Enabled = False

menu\_Consulta\_Formularios.Enabled = False

menuPersonalMedico.Enabled = False

menuEntrevistaInicial.Enabled = False

menuDiagnostico.Enabled = False

menuIngTratamiento.Enabled = False

menuIngAnalisis.Enabled = False

menuConsAnalisis.Enabled = False

menuConsDiagnostico.Enabled = False

DiagnosticosToolStripMenuItem.Enabled = False

TratatamientosToolStripMenuItem.Enabled = False

AnalisisClínicosToolStripMenuItem.Enabled = False

EntrevistaToolStripMenuItem.Enabled = False

End Sub

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

If cn.State = 0 Then

Me.Close()

Else

cn.Close()

Me.Close()

End If

End Sub

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

frmConsultaEntInicial.MdiParent = Me

frmConsultaEntInicial.Show()

frmConsultaEntInicial.WindowState = FormWindowState.Maximized

End Sub

Private Sub AToolStripMenuItem\_Click(ByVal sender As Object, ByVal e As EventArgs) Handles menu\_Consulta\_Formularios.Click

frmConsultasFormulario.MdiParent = Me

frmConsultasFormulario.Show()

frmConsultasFormulario.WindowState = FormWindowState.Maximized

End Sub

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

frmFormulario.MdiParent = Me

frmFormulario.Show()

frmFormulario.WindowState = FormWindowState.Maximized

End Sub

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

frmIngresoPacientes.MdiParent = Me

frmIngresoPacientes.Show()

frmIngresoPacientes.WindowState = FormWindowState.Maximized

End Sub

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

frmConsultarPacientes.MdiParent = Me

frmConsultarPacientes.Show()

frmConsultarPacientes.WindowState = FormWindowState.Maximized

End Sub

End Class

frmTelefono

Public Class frmTelefono

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

Dim p As New Pacientes

p.ci = Val(frmIngresoPacientes.txtBCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.GuardarT(1)

Case 0

MsgBox("Teléfono ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

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

Dim p As New Pacientes

p.ci = Val(frmIngresoPacientes.txtBCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.EliminarT(1)

Case 0

MsgBox("Teléfono eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub cmdQuitar2\_Click(sender As Object, e As EventArgs) Handles cmdQuitar2.Click

Dim p As New Pacientes

p.ci = Val(frmAdmPersonalMedico.txtCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.EliminarT(1)

Case 0

MsgBox("Teléfono eliminado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al eliminar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub cmdAgregar2\_Click(sender As Object, e As EventArgs) Handles cmdAgregar2.Click

Dim p As New Pacientes

p.ci = Val(frmAdmPersonalMedico.txtCI.Text)

p.telefono = cbTelefono.Text

p.cn = cn

Select Case p.GuardarT(1)

Case 0

MsgBox("Teléfono ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

cbTelefono.Items.Clear()

Dim lista2 As List(Of String)

lista2 = p.patelefono()

For Each Telefono In lista2

cbTelefono.Items.Add(Telefono)

Next

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el teléfono. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub cbTelefono\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles cbTelefono.KeyPress

permitirNumerosSE(e)

End Sub

End Class

frmTratamiento

Public Class frmTratamiento

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

Dim t As New Tratamientos

t.ci = Val(txtCI.Text)

t.cn = cn

Select Case t.verifyci2()

Case 0 'Encontré

If t.estadoborradop = 1 Then

If MsgBox("El paciente se dió de baja, ¿Desaea darle de alta?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

Select Case t.estadop()

Case 0

MsgBox("Paciente dado de alta éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1

MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else

MsgBox("Hubo errores al realizar el alta del paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

Else

If MsgBox("¿Desea ingresar los datos de un tratamiento perteneciente a un paciente con C.I " & (txtCI.Text) & "?", MsgBoxStyle.YesNo, "S.I.BI.M - GSA") = MsgBoxResult.Yes Then

gbBuscar.Enabled = False

gbDatos.Enabled = True

gbDatos.Visible = True

End If

End If

Case 3 'No encontré

MsgBox("El paciente no existe, asegurese de que ingreso correctamente la CI.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al buscar el paciente. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

t = Nothing

End Sub

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

Dim t As New Tratamientos

t.ci = Val(txtCI.Text)

t.nombre = txtNombre.Text

t.fechainicio = dtpInicio.Text

t.fechafinal = dtpFinal.Text

t.descripcion = txtDescripción.Text

t.cn = cn

Select Case t.Guardar(1)

Case 0

t.ci = txtCI.Text

t.nombre = txtNombre.Text

t.fechainicio = dtpInicio.Text

t.fechafinal = dtpFinal.Text

t.descripcion = txtDescripción.Text

MsgBox("Tratamiento ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el tratamiento. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

t = Nothing

End Sub

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

Me.Close()

End Sub

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

dtpInicio.Format = DateTimePickerFormat.Custom

dtpInicio.CustomFormat = "yyyy/MM/dd HH:mm:ss"

dtpFinal.Format = DateTimePickerFormat.Custom

dtpFinal.CustomFormat = "yyyy/MM/dd HH:mm:ss"

End Sub

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

txtNombre.Clear()

dtpFinal.ResetText()

dtpInicio.ResetText()

txtDescripción.Clear()

gbBuscar.Enabled = True

gbDatos.Visible = False

End Sub

Private Sub txtCI\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtCI.KeyPress

permitirNumerosSE(e)

End Sub

Private Sub dtpInicio\_ValueChanged(sender As Object, e As EventArgs) Handles dtpInicio.ValueChanged

If dtpInicio.Value > Now Then

MsgBox("Error, no se permite ingresar una fecha mayor a la fecha actual.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpInicio.ResetText()

End If

End Sub

Private Sub dtpFinal\_ValueChanged(sender As Object, e As EventArgs) Handles dtpFinal.ValueChanged

If dtpFinal.Value < dtpInicio.Value Then

MsgBox("Error, no se permite ingresar una fecha final que sea menor a la fecha inicial.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

dtpFinal.ResetText()

End If

If dtpFinal.Value = ("31/12/9998") Then

cbFechaFinal.Checked = True

Else

cbFechaFinal.Checked = False

End If

End Sub

Private Sub cbFechaFinal\_CheckedChanged(sender As Object, e As EventArgs) Handles cbFechaFinal.CheckedChanged

If cbFechaFinal.Checked = True Then

dtpFinal.Value = "9998-12-31 00:00:00"

dtpFinal.Enabled = False

dtpFinal.Visible = False

txtNula.Visible = True

Else

txtNula.Visible = False

dtpFinal.ResetText()

dtpFinal.Visible = True

dtpFinal.Enabled = True

End If

End Sub

End Class

frmUsuario

Public Class frmUsuario

Private Sub txtContrasena\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtContrasena.KeyPress

If Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar una contraseña con espacios.", "ADVERTENCIA - S.I.BI.M - GSA")

Else

e.Handled = False

End If

End Sub

Private Sub txtContrasena\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtContrasena.TextChanged

If txtContrasena.Text.Length < 8 Then

lblContraseniaMSG.Visible = True

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

ElseIf txtContrasena.Text.Length > 24 Then

lblContraseniaMSG.Visible = True

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

Else

lblContraseniaMSG.Visible = False

If lblCContrasena.Visible = False And lblUsuarioMSG.Visible = False Then

cmdIngresar.Enabled = True

cmdIngresarM.Enabled = True

End If

End If

End Sub

Private Sub txtCContrasena\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCContrasena.KeyPress

If Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar una contraseña con espacios.", "ADVERTENCIA - S.I.BI.M - GSA")

Else

e.Handled = False

End If

End Sub

Private Sub txtCContrasena\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtCContrasena.TextChanged

If txtContrasena.Text.Equals(txtCContrasena.Text) Then

lblCContrasena.Visible = False

If lblContraseniaMSG.Visible = False And lblUsuarioMSG.Visible = False Then

cmdIngresar.Enabled = True

cmdIngresarM.Enabled = True

End If

Else

lblCContrasena.Visible = True

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

End If

End Sub

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

Dim p As New Pacientes

p.usuario = txtUsuario.Text

p.contrasena = txtContrasena.Text

p.ci = Val(frmIngresoPacientes.txtBCI.Text)

p.cn = cn

Select Case p.adduser(1)

Case 0

MsgBox("Usuario ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmIngresoPacientes.Enabled = True

frmPaciente.Enabled = True

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el usuario. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

p = Nothing

End Sub

Private Sub txtUsuario\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtUsuario.KeyPress

If Char.IsSeparator(e.KeyChar) Then

e.Handled = True

MessageBox.Show("No se permite ingresar un usuario con espacios.", "ADVERTENCIA - S.I.BI.M - GSA")

Else

e.Handled = False

End If

End Sub

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

Dim m As New PersonalMedico

m.usuario = txtUsuario.Text

m.contrasena = txtContrasena.Text

m.ci = Val(frmAdmPersonalMedico.txtCI.Text)

m.cn = cn

If rbAuxiliarMedico.Checked = False And rbMedico.Checked = False Then

MsgBox("Debe seleccionar el tipo de usuario. (Médico o Auxiliar)", MessageBoxIcon.Warning, "S.I.BI.M - GSA")

Else

If rbMedico.Checked = True Then

Select Case m.addusermed(1)

Case 0

MsgBox("Usuario ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmAdmPersonalMedico.Enabled = True

frmAdmPersonalMedico.rbMedico.Checked = True

frmMedico.rbMedico.Checked = True

frmMedico.Enabled = True

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el usuario. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

ElseIf rbAuxiliarMedico.Checked = True Then

Select Case m.adduseraux(1)

Case 0

MsgBox("Usuario ingresado éxitosamente.", MessageBoxIcon.Information, "S.I.BI.M - GSA")

frmAdmPersonalMedico.Enabled = True

frmAdmPersonalMedico.rbAuxiliarMedico.Checked = True

frmMedico.rbMedico.Checked = True

frmMedico.Enabled = True

Me.Close()

Case 1 : MsgBox("Se ha perdido la sesión. Debe loguearse nuevamente.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

Case Else : MsgBox("Hubo errores al ingresar el usuario. En caso de persistir, consulte al adm. del sistema.", MessageBoxIcon.Error, "S.I.BI.M - GSA")

End Select

End If

End If

m = Nothing

End Sub

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

If txtUsuario.Text.Length < 4 Then

lblUsuarioMSG.Visible = True

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

ElseIf txtUsuario.Text.Length > 16 Then

lblUsuarioMSG.Visible = True

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

Else

lblUsuarioMSG.Visible = False

If lblContraseniaMSG.Visible = False And lblCContrasena.Visible = False Then

cmdIngresar.Enabled = True

cmdIngresarM.Enabled = True

Else

cmdIngresar.Enabled = False

cmdIngresarM.Enabled = False

End If

End If

End Sub

End Class

4) Usuarios y claves del sistema:

Usuario: GSA\_Pac

Clave: GSAPaciente

Usuario: GSA\_Adm

Clave: GSAAdministrador

Usuario: GSA\_Aux

Clave: GSAAuxiliar

Usuario: GSA\_Med

Clave: GSAMedico

Bibliografía

Apuntes de clase, profesor Renzo Bazzano