







```
1 Imports System.Runtime.InteropServices
2 Public Class frmColabMedicos
3     <DllImport("user32.DLL", EntryPoint:="ReleaseCapture")>
4     Private Shared Sub ReleaseCapture()
5     End Sub
6
7     <DllImport("user32.DLL", EntryPoint:="SendMessage")>
8     Private Shared Sub SendMessage(ByVal hWnd As System.IntPtr, ByVal wParam As Integer, ByVal lParam As Integer)
9     End Sub
10    Sub limpiar() 'Limpia los textbox
11        txtIdMedico.Clear()
12        txtNomMed.Clear()
13        txtApeMed.Clear()
14        txtAreaMed.Clear()
15        txtTelefonoMed.Clear()
16    End Sub
17    Private Sub frmColabMedicos_Load(sender As Object, e As EventArgs)
18        Handles MyBase.Load
19        'muestra la tabla medicos con la cantidad ingresados
20        dgvColabMedicos.DataSource =
21            CapaDatos.MetodoColabMedico.ListarColabMedicos
22        txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
23        tabColabMedicoAgregar.Parent = Nothing
24        tabColabMedicoEditar.Parent = Nothing
25        tabColabMedicoListar.Parent = tabControlColabMedico
26    End Sub
27
28    Private Sub txtBuscar_TextChanged(sender As Object, e As EventArgs)
29        Handles txtBuscar.TextChanged
30        'Realiza busqueda por medio del nombre y apellido del medico e
31        'nombre del area que trabaja
32        If cboColabMedico.SelectedItem = "Nombre_Area" Then
33            Dim vista As New DataView
34            (CapaDatos.MetodoColabMedico.ListarColabMedicos)
35            vista.RowFilter = "nombre_Area LIKE'" & txtBuscar.Text & "%'"
36            dgvColabMedicos.DataSource = vista
37            txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
38        End If
39        If cboColabMedico.SelectedItem = "Nombre_Medico" Then
40            Dim vista As New DataView
41            (CapaDatos.MetodoColabMedico.ListarColabMedicos)
42            vista.RowFilter = "Nombre_Medico LIKE'" & txtBuscar.Text & "%'"
43            dgvColabMedicos.DataSource = vista
44            txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
45        End If
46        If cboColabMedico.SelectedItem = "Apellido_Medico" Then
47            Dim vista As New DataView
```

```
        (CapaDatos.MetodoColabMedico.ListarColabMedicos)
42        vista.RowFilter = "Apellido_Medico LIKE'" & txtBuscar.Text & ➤
           "%'"
43        dgvColabMedicos.DataSource = vista
44        txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
45    End If
46 End Sub
47
48 Private Sub btnBuscar_Click(sender As Object, e As EventArgs) Handles ➤
    btnBuscar.Click
49    Try
50        'Realiza busqueda para el id de medico y area
51        If cboColabMedico.SelectedItem = "Id_Medico" And ➤
            txtBuscar.Text <> "" Then
52            dgvColabMedicos.DataSource = ➤
                CapaDatos.MetodoColabMedico.BuscarIdmedico ➤
                    (txtBuscar.Text)
53            txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
54        End If
55        If cboColabMedico.SelectedItem = "Id_Area" And txtBuscar.Text ➤
            <> "" Then
56            dgvColabMedicos.DataSource = ➤
                CapaDatos.MetodoColabMedico.BuscarIdAreaM ➤
                    (txtBuscar.Text)
57            txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
58        End If
59        Catch ex As Exception
60            MsgBox(ex.Message)
61        End Try
62 End Sub
63
64 Private Sub btnGuardar_Click(sender As Object, e As EventArgs) Handles ➤
    btnGuardar.Click
65    Try
66        'Realiza validaciones y luego inserta los datos en la tabla
67        If txtIdMedico.Text = Nothing Or txtNomMed.Text = Nothing Or ➤
            txtApeMed.Text = Nothing Or mtxtTelefonoMed.Text = Nothing ➤
            Or txtAreaMed.Text = Nothing Then
68            Throw New Exception("Hay campos vacios")
69        Else
70            CapaEntidades.ColabMedicos.Insertar(txtIdMedico.Text, ➤
                txtNomMed.Text, txtApeMed.Text, mtxtTelefonoMed.Text, ➤
                txtAreaMed.Text)
71            MsgBox("Los datos fueron ingresados correctamente")
72            limpiar()
73
74            dgvColabMedicos.DataSource = ➤
                CapaDatos.MetodoColabMedico.ListarColabMedicos
75            txtCantidadRegistro.Text = dgvColabMedicos.RowCount
```

```
76         tabColabMedicoAgregar.Parent = Nothing
77         tabColabMedicoEditar.Parent = Nothing
78         tabColabMedicoListar.Parent = tabControlColabMedico
79     End If
80
81     Catch ex As Exception
82         MsgBox(ex.ToString)
83     End Try
84 End Sub
85
86 Private Sub btnCancelar_Click(sender As Object, e As EventArgs) Handles btnCancelar.Click
87     limpiar()
88     tabColabMedicoAgregar.Parent = Nothing
89     tabColabMedicoEditar.Parent = Nothing
90     tabColabMedicoListar.Parent = tabControlColabMedico
91 End Sub
92
93 Private Sub btnAgregar_Click(sender As Object, e As EventArgs) Handles btnAgregar.Click
94     tabColabMedicoListar.Parent = Nothing
95     tabColabMedicoEditar.Parent = Nothing
96     tabColabMedicoAgregar.Parent = tabControlColabMedico
97 End Sub
98
99 Private Sub btnEditar_Click(sender As Object, e As EventArgs) Handles btnEditar.Click
100     Dim fila As Integer
101     Try
102         'Guarda los datos de la fila seleccionada para luego ir a la
            ventana editar
103         tabColabMedicoListar.Parent = Nothing
104         tabColabMedicoAgregar.Parent = Nothing
105         tabColabMedicoEditar.Parent = tabControlColabMedico
106         fila = dgvColabMedicos.CurrentCell.RowIndex
107
108         txtIdModificar.Text = dgvColabMedicos(0, fila).Value.ToString
            ()
109         txtNombreModificar.Text = dgvColabMedicos(1,
            fila).Value.ToString()
110         txtApeMod.Text = dgvColabMedicos(2, fila).Value.ToString()
111         mtxtTelefonoMod.Text = dgvColabMedicos(3, fila).Value.ToString
            ()
112         txtIdAreaMod.Text = dgvColabMedicos(4, fila).Value.ToString()
113
114
115
116     Catch ex As Exception
117         MsgBox(ex.ToString)
```

```
118         End Try
119     End Sub
120
121     Private Sub btnModificar_Click(sender As Object, e As EventArgs)
122         Handles btnModificar.Click
123         Try
124             'Guarda las modificaciones hechas al registro
125             If txtNombreModificar.Text = Nothing Or txtApeMod.Text =
126                 Nothing Or txtIdAreaMod.Text = Nothing Then
127                 Throw New Exception("Hay campos vacios")
128             Else
129                 CapaEntidades.ColabMedicos.editar(txtIdModificar.Text,
130                     txtNombreModificar.Text, txtApeMod.Text,
131                     txtIdAreaMod.Text)
132                 MsgBox("Los datos fueron actualizados correctamente")
133                 dgvColabMedicos.DataSource =
134                     CapaDatos.MetodoColabMedico.ListarColabMedicos
135                 txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
136                 tabColabMedicoAgregar.Parent = Nothing
137                 tabColabMedicoEditar.Parent = Nothing
138                 tabColabMedicoListar.Parent = tabControlColabMedico
139             End If
140         Catch ex As Exception
141             MsgBox(ex.ToString)
142         End Try
143     End Sub
144
145     Private Sub btnEliminar_Click(sender As Object, e As EventArgs)
146         Handles btnEliminar.Click
147         Dim fila As Integer
148         Dim borrar As DialogResult
149         Try
150             'Guarda el id de medico para luego eliminarlo
151             borrar = MessageBox.Show("¿Desea eliminar este registro?",
152                 "Eliminar", MessageBoxButtons.YesNo, MessageBoxIcon.Warning)
153             If borrar = DialogResult.Yes Then
154                 fila = dgvColabMedicos.CurrentCell.RowIndex
155                 CapaEntidades.ColabMedicos.Eliminar(dgvColabMedicos(0,
156                     fila).Value.ToString())
157             End If
158             dgvColabMedicos.DataSource =
159                 CapaDatos.MetodoColabMedico.ListarColabMedicos
160             txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
161         End Try
162     End Sub
```

```
157         Catch ex As Exception
158             MsgBox(ex.ToString)
159         End Try
160     End Sub
161
162     Private Sub btnCancel_Click(sender As Object, e As EventArgs) Handles 
163         btnCancel.Click
164         tabColabMedicoAgregar.Parent = Nothing
165         tabColabMedicoEditar.Parent = Nothing
166         tabColabMedicoListar.Parent = tabControlColabMedico
167     End Sub
168
169     Private Sub btnRestablecer_Click(sender As Object, e As EventArgs) 
170         Handles btnRestablecer.Click
171         'Restablece la tabla luego de realizar busquedas
172         txtBuscar.Clear()
173         dgvColabMedicos.DataSource = 
174         CapaDatos.MetodoColabMedico.ListarColabMedicos
175         txtCantidadRegistro.Text = dgvColabMedicos.RowCount - 1
176     End Sub
177
178     Private Sub btnCerrarVista_Click(sender As Object, e As EventArgs) 
179         Handles btnCerrarVista.Click
180         Close()
181     End Sub
182
183     Private Sub btnMinimizaar_Click(sender As Object, e As EventArgs) 
184         Handles btnMinimizaar.Click
185         Me.WindowState = FormWindowState.Minimized
186     End Sub
187
188     Private Sub pnlControl_MouseMove(sender As Object, e As 
189         MouseEventArgs) Handles pnlControl.MouseMove
190         ReleaseCapture()
191         SendMessage(Me.Handle, &H112&, &HF012&, 0)
192     End Sub
193 End Class
```