Código Formulario Cliente

```vb
Public Class frmcliente

    Private dt As New DataTable


    Private Sub mostrar()
        Try
            Dim func As New función_cliente
            dt = func.mostrar
            datalistado.Columns.Item("Eliminar").Visible = False


            If dt.Rows.Count <> 0 Then
                datalistado.DataSource = dt
                txtbuscar.Enabled = True
                datalistado.ColumnHeadersVisible = True
                inexistente.Visible = False
            Else
                datalistado.DataSource = Nothing
                txtbuscar.Enabled = False
                datalistado.ColumnHeadersVisible = False
                inexistente.Visible = True
            End If
        Catch ex As Exception
            MsgBox(ex.Message)

        End Try
        btnnuevo.Visible = True
        btneditar.Visible = False

        buscar()
    End Sub
    Private Sub buscar()
        Try
            Dim ds As New DataSet
            ds.Tables.Add(dt.Copy)
            Dim dv As New DataView(ds.Tables(0))
            dv.RowFilter = cbocampo.Text & " like '" & txtbuscar.Text & "%'"

            If dv.Count <> 0 Then
                inexistente.Visible = False
                datalistado.DataSource = dv
                ocultar_columnas()

            Else
                inexistente.Visible = True
                datalistado.DataSource = Nothing
            End If

        Catch ex As Exception
            MsgBox(ex.Message)

        End Try
    End Sub


    Private Sub ocultar_columnas()
        datalistado.Columns(1).Visible = False
    End Sub
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```vbnet
    Private Sub txtnombre_Validating(ByVal sender As Object, ByVal e As
System.ComponentModel.CancelEventArgs)
        If DirectCast(sender, TextBox).Text.Length > 0 Then
            Me.erroricono.SetError(sender, "")
        Else
            Me.erroricono.SetError(sender, "Ingrese  nombre del cliente
porfavor")
        End If
    End Sub

    Private Sub txtapellidos_TextChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs)

    End Sub

    Private Sub txtapellidos_Validating(ByVal sender As Object, ByVal e As
System.ComponentModel.CancelEventArgs)
        If DirectCast(sender, TextBox).Text.Length > 0 Then
            Me.erroricono.SetError(sender, "")
        Else
            Me.erroricono.SetError(sender, "Ingrese apellido del cliente,
porfavor ")
        End If
    End Sub

    Private Sub txtdomicilio_Validating(ByVal sender As Object, ByVal e As
System.ComponentModel.CancelEventArgs)
        If DirectCast(sender, TextBox).Text.Length > 0 Then
            Me.erroricono.SetError(sender, "")
        Else
            Me.erroricono.SetError(sender, "Ingrese el domicilio del cliente,
porfavor ")
        End If
    End Sub

    Private Sub txtdni_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs)

    End Sub

    Private Sub txtdni_Validating(ByVal sender As Object, ByVal e As
System.ComponentModel.CancelEventArgs)
        If DirectCast(sender, TextBox).Text.Length > 0 Then
            Me.erroricono.SetError(sender, "")
        Else
            Me.erroricono.SetError(sender, "Ingrese el dni del cliente,
porfavor")
        End If
    End Sub

    Private Sub btnnuevo_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        limpiar()
        mostrar()

    End Sub


    Private Sub datalistado_CellContentClick(ByVal sender As Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles datalistado.CellClick
        txtidcliente.Text = datalistado.SelectedCells.Item(1).Value
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            txtnombre.Text = datalistado.SelectedCells.Item(2).Value
            txtapellidos.Text = datalistado.SelectedCells.Item(3).Value
            txtrazon_social.Text = datalistado.SelectedCells.Item(4).Value
            txtdni.Text = datalistado.SelectedCells.Item(5).Value
            txtfecha_de_nacimiento.Text = datalistado.SelectedCells.Item(6).Value
            txttelefono1.Text = datalistado.SelectedCells.Item(7).Value
            txttelefono2.Text = datalistado.SelectedCells.Item(8).Value
            txtmail.Text = datalistado.SelectedCells.Item(9).Value
            txtdomicilio.Text = datalistado.SelectedCells.Item(10).Value
            txtlocalidad.Text = datalistado.SelectedCells.Item(11).Value
            txtprovincia.Text = datalistado.SelectedCells.Item(12).Value
            txtpais.Text = datalistado.SelectedCells.Item(13).Value
            txtcuil_cuit.Text = datalistado.SelectedCells.Item(14).Value
            btneditar.Visible = True
            btnguardar.Visible = False
    End Sub




    Private Sub cbeliminar_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs)
        If cbeliminar.CheckState = CheckState.Checked Then
            datalistado.Columns.Item("Eliminar").Visible = True
        Else
            datalistado.Columns.Item("Eliminar").Visible = False
        End If
    End Sub

    Private Sub btneliminar_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Dim result As DialogResult

        result = MessageBox.Show("Realmente desea eliminar los clientes
seleccionados?", "Eliminando registros", MessageBoxButtons.OKCancel,
MessageBoxIcon.Question)

        If result = DialogResult.OK Then
            Try
                For Each row As DataGridViewRow In datalistado.Rows
                    Dim marcado As Boolean =
Convert.ToBoolean(row.Cells("Eliminar").Value)

                    If marcado Then
                        Dim onekey As Integer =
Convert.ToInt32(row.Cells("idcliente").Value)
                        Dim vdb As New sgcliente
                        Dim func As New función_cliente
                        vdb.Bidcliente = onekey

                        If func.eliminar(vdb) Then
                        Else
                            MessageBox.Show("Cliente no fue eliminado",
"Eliminando registros", MessageBoxButtons.OK, MessageBoxIcon.Information)
                        End If
                    End If

                Next
                Call mostrar()

            Catch ex As Exception
                MsgBox(ex.Message)
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            End Try
        Else
            MessageBox.Show("Cancelando eliminación de registros", "Eliminando
registros", MessageBoxButtons.OK, MessageBoxIcon.Information)
            Call mostrar()
        End If

        Call limpiar()
    End Sub


    Private Sub txtbuscar_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        buscar()
    End Sub


    Private Sub btneditar_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btneditar.Click
        Dim result As DialogResult

        result = MessageBox.Show("¿Realmente desea editar los datos del
cliente?", "Modificando registros", MessageBoxButtons.OKCancel,
MessageBoxIcon.Question)

        If result = DialogResult.OK Then

            If Me.ValidateChildren = True And txtidcliente.Text <> "" And
txtnombre.Text <> "" And txtapellidos.Text <> "" And txtrazon_social.Text <> ""
And txtdni.Text <> "" And txtfecha_de_nacimiento.Text <> "" And txttelefono1.Text
<> "" And txttelefono2.Text <> "" And txtmail.Text <> "" And txtdomicilio.Text <>
"" And txtlocalidad.Text <> "" And txtprovincia.Text <> "" And txtpais.Text <> ""
And txtcuil_cuit.Text <> "" Then
                Try
                    Dim dts As New sgcliente
                    Dim func As New función_cliente

                    dts.Bidcliente = txtidcliente.Text
                    dts.Bnombre = txtnombre.Text
                    dts.Bapellido = txtapellidos.Text
                    dts.Brazon_social = txtrazon_social.Text
                    dts.Bdni = txtrazon_social.Text
                    dts.Bfecha_nacimiento = txtfecha_de_nacimiento.Text
                    dts.Btelefono1 = txttelefono1.Text
                    dts.Btelefono2 = txttelefono2.Text
                    dts.Bmail = txtmail.Text
                    dts.Bdomicilio = txtmail.Text
                    dts.Bdomicilio = txtdomicilio.Text
                    dts.Blocalidad = txtlocalidad.Text
                    dts.Bprovincia = txtprovincia.Text
                    dts.Bpais = txtpais.Text()
                    dts.Bcuil_cuit = txtcuil_cuit.Text()



                    If func.editar(dts) Then
                        MessageBox.Show("Cliente corregido correctamente",
"corrigiendo registros", MessageBoxButtons.OK, MessageBoxIcon.Information)
                        mostrar()
                        limpiar()
                    Else
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                            MessageBox.Show("Cliente no fue modificado intente de
nuevo", "corrigiendo registros", MessageBoxButtons.OK, MessageBoxIcon.Error)
                            mostrar()
                            limpiar()
                        End If

                    Catch ex As Exception
                        MsgBox(ex.Message)
                    End Try
                Else
                    MessageBox.Show("Falta ingresar datos", "Corrigiendo registros",
MessageBoxButtons.OK, MessageBoxIcon.Information)
                End If
            End If
        End Sub

    Private Sub datalistado_CellDoubleClick(ByVal sender As Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
datalistado.CellDoubleClick
        If txtflag.Text = "1" Then
            frmventa.txtidcliente.Text = datalistado.SelectedCells.Item(1).Value
            frmventa.txtnombre_cliente.Text =
datalistado.SelectedCells.Item(2).Value
            Me.Close()

        End If
    End Sub

    Private Sub datalistado_CellContentClick_1(ByVal sender As System.Object,
ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles
datalistado.CellContentClick
        If e.ColumnIndex = Me.datalistado.Columns.Item("Eliminar").Index Then
            Dim chkcell As DataGridViewCheckBoxCell =
Me.datalistado.Rows(e.RowIndex).Cells("Eliminar")
            chkcell.Value = Not chkcell.Value
        End If
    End Sub
    Private Sub frmcliente_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        mostrar()
    End Sub
    Private Sub btnnuevo_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnnuevo.Click

        btnguardar.Visible = True
        btneditar.Visible = False
        txtidcliente.Text = ""
        txtnombre.Text = ""
        txtapellidos.Text = ""
        txtrazon_social.Text = ""
        txtmail.Text = ""
        txttelefono1.Text = ""
        txttelefono2.Text = ""
        txtdomicilio.Text = ""
        txtlocalidad.Text = ""
        txtprovincia.Text = ""
        txtpais.Text = ""
        txtcuil_cuit.Text = ""
    End Sub
    Private Sub btnguardar_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnguardar.Click
```

```vb
        If Me.ValidateChildren = True And txtidcliente.Text <> "" And
txtnombre.Text <> "" And txtapellidos.Text <> "" And txtrazon_social.Text <> ""
And txtdni.Text <> "" And txtfecha_de_nacimiento.Text <> "" And txttelefono1.Text
<> "" And txttelefono2.Text <> "" And txtmail.Text <> "" And txtdomicilio.Text <>
"" And txtlocalidad.Text <> "" And txtprovincia.Text <> "" And txtpais.Text <> ""
And txtcuil_cuit.Text <> "" Then
            Try
                Dim dts As New sgcliente
                Dim func As New función_cliente

                dts.Bnombre = txtnombre.Text
                dts.Bapellido = txtapellidos.Text
                dts.Brazon_social = txtcuil_cuit.Text
                dts.Bdni = txtrazon_social.Text
                dts.Bfecha_nacimiento = txtfecha_de_nacimiento.Text
                dts.Btelefono1 = txttelefono1.Text
                dts.Btelefono2 = txttelefono1.Text
                dts.Bmail = txttelefono2.Text
                dts.Bdomicilio = txtmail.Text
                dts.Blocalidad = txtdomicilio.Text
                dts.Bprovincia = txtlocalidad.Text
                dts.Bpais = txtprovincia.Text
                dts.Bcuil_cuit = txtpais.Text()


                If func.insertar(dts) Then
                    MessageBox.Show("cliente registrado correctamente",
"Guardando registros", MessageBoxButtons.OK, MessageBoxIcon.Information)
                    mostrar()
                    limpiar()
                Else
                    MessageBox.Show("cliente no fue registrado intente de nuevo",
"Guardando registros", MessageBoxButtons.OK, MessageBoxIcon.Error)
                    mostrar()
                    limpiar()
                End If

            Catch ex As Exception
                MsgBox(ex.Message)
            End Try
        Else
            MessageBox.Show("Falta ingresar algunos datos", "Guardando
registros", MessageBoxButtons.OK, MessageBoxIcon.Information)
        End If
    End Sub

    Private Sub limpiar()
        Throw New NotImplementedException
    End Sub

    Private Sub txtidcliente_TextChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles txtidcliente.TextChanged

    End Sub
End Class
```