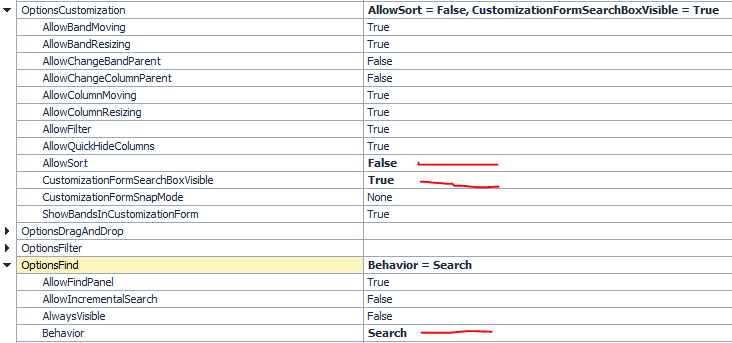
**ALL DONE**

**DONE ON frmEngWorkflowTree INTERFACE:**

Add a Devexpress Treelist and call it Treelist2how

Run the designer for the Treelist and set the 3 properties like below:



**DONE IN BAS DECLARES:**

Public TitleBrowseAssembly As String

Public RecordIDBrowse As String

Public ShowAssemblyClicked As String = ""

Public DrawingNumFromAssembly As String = ""

Public DrawingsOnlyOrBoth As String = ""

**DONE IN FrmEngWorkflowBrowse**

Comment this line -> SqlString = " …

And add -> SqlString = "Select DrawingNumber,DrawingTitle,SystemDescription,DrawingType,Program,RecordID From (SELECT DrawingNumber,DrawingTitle,SystemDescription,DrawingType,Program,RecordID,Seq,ROW\_NUMBER() OVER (PARTITION BY DrawingNumber ORDER BY Seq Desc) AS RowNumber FROM vwDrawingsRev Where Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' And RecordID = RecordID) A Where RowNumber = 1 Order By DrawingNumber, Seq Desc"

Comment this line -> Me.SqlDataAdapter1.SelectCommand.CommandText() += SqlString

And add -> Me.SqlDataAdapter1.SelectCommand.CommandText() = SqlString

**DONE IN FrmEngWorkflowBrowse UNDER btnContinue\_Click add:**

TitleBrowseAssembly = GridView1.GetRowCellValue(GridView1.FocusedRowHandle, "DrawingTitle")

RecordIDBrowse = GridView1.GetRowCellValue(GridView1.FocusedRowHandle, "RecordID")

In the user interface, change the name of the column to Project (from Program)

**DONE IN FRMENGWORKFLOW:**

* Add the Show Tree button

Under properties for txtDetailsNextAssemblyDrawing, make ReadOnly = True

DONE Comment out lines like below two:

txtDetailsNextAssemblyDrawing.Enabled = True

Me.txtDetailsNextAssemblyDrawing.ReadOnly = False

**DONE Under SearchMainInformation(), comment the following line:**

Me.txtDetailsNextAssemblyDrawing.DataBindings.Add("Text", Me.bsMainInformationTab, "NextHigherAssembly")

**DONE Under btnSave button, under the section that says “**'VALIDATION: CHECK IF DOCUMENT TYPE IS DRAWING. IF IT IS VERIFY THAT NEXT ASSEMBLY DRAWING IS NOT EMPTY AT GATES 2 OR HIGHER” **:**

Comment out section starting with -> If txtDetailsNextAssemblyDrawing.Text = "" Then

And add in its place the below ->

If documentType = "Drawing" Then

Dim checkIfHasNextAssembly As String = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "Title")

'If txtDetailsNextAssemblyDrawing.Text = "" Then

If checkIfHasNextAssembly = "" Then

MsgBox("You must enter Next Assembly Drawing before moving to gate 2 or higher.")

documentType = ""

ds.Tables("DocumentTypeStatusTwo").Clear()

ds.Tables("DocumentTypeStatusTwo").Dispose()

SearchMainInformation()

CloseSignedOffForm = "Yes"

Exit Sub

End If

End If

**DONE Under btnSave button:**

Right before line saying “ExitSubToEnterDate:”, enter the below:

'------------------------------------------------------------------------------------------------------------

'Update tblTree

da = New SqlClient.SqlDataAdapter("Select Top 1 \* From vwDrawingsRev Where DrawingNumber = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq desc, RecordID Desc", SqlConnection1)

da.Fill(ds, "DataToUpdateTree")

Dim RevToUpdateTree As String = ds.Tables("DataToUpdateTree").Rows(0).Item("DwgRevision")

Dim TitleToUpdateTree As String = ds.Tables("DataToUpdateTree").Rows(0).Item("DrawingTitle")

Dim StatusToUpdateTree As String = ds.Tables("DataToUpdateTree").Rows(0).Item("Status")

Dim SeqToUpdateTree As String = ds.Tables("DataToUpdateTree").Rows(0).Item("Seq")

'Dim SystemToUpdateTree As String = ds.Tables("DataToUpdateTree").Rows(0).Item("SystemDescription")

Dim checkIfThereAreAssemblies As String = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "DrawingTitle")

If checkIfThereAreAssemblies = "" Then 'Without Assembly

'u.ExecuteSQL(SqlConnection1, "Update tblTree Set DwgRevision = '" & RevToUpdateTree & "', SystemDescription = '" & SystemToUpdateTree & "', DrawingTitle = '" & TitleToUpdateTree & "', Status = '" & StatusToUpdateTree & "', Seq = '" & SeqToUpdateTree & "' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' And NextHigherAssembly = '' And NextHigherAssembly Is Null And NextHigherAssembly = 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

Else 'With Assembly

u.ExecuteSQL(SqlConnection1, "Update tblTree Set DwgRevision = '" & RevToUpdateTree & "', DrawingTitleChildren = '" & TitleToUpdateTree & "', Status = '" & StatusToUpdateTree & "', Seq = '" & SeqToUpdateTree & "' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

'THIS WAS PART OF THE WHERE CLAUSE ABOVE BEFORE USING THE TEMP TREE TABLE: And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A'

', SystemDescription = '" & SystemToUpdateTree & "'

'THIS WAS PART OF THE CODE BEFORE USING THE TEMP TREE TABLE: u.ExecuteSQL(SqlConnection1, "Update tblTree Set DrawingTitle = '" & TitleToUpdateTree & "' Where DrawingNumber = '" & Me.txtMainDrawingNumber.Text & "' And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

''Or DrawingNumber = '" & Me.txtMainDrawingNumber.Text & "'

End If

ds.Tables("DataToUpdateTree").Clear()

ds.Tables("DataToUpdateTree").Dispose()

'-----------------------------------------------------------------------------------------------------------

**DONE Under btncancelobsolete\_Click:**

*Right under this line* -> “MsgBox("Drawing and all revisions of drawing have been marked obsolete. The screen will now be refreshed.")”

*Add this block of code* ->

'Update tblTree ------------------------------------------------------------

'u.ExecuteSQL(SqlConnection1, "Update tblTree Set Status = 'Obsolete' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' Or DrawingNumber = '" & Me.txtMainDrawingNumber.Text & "'")

da = New SqlClient.SqlDataAdapter("Select \* From vwDrawingsRev where DrawingNumber = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq Desc", SqlConnection1)

da.Fill(ds, "CountRecordsDrawNum")

If ds.Tables("CountRecordsDrawNum").Rows.Count > 0 Then

If ds.Tables("CountRecordsDrawNum").Rows.Count > 0 Then

Dim SystemForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("SystemDescription")

Dim StatusForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("Status")

Dim DrawTitleForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("DrawingTitle")

Dim RevForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("DwgRevision")

Dim SeqForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("Seq")

Dim NewReworkForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("NewRework")

Dim DrawingOrReportForObsolete As String = ds.Tables("CountRecordsDrawNum").Rows(0).Item("DrawingOrReport")

'Update all the children rev

u.ExecuteSQL(SqlConnection1, "Update tblTree Set SystemDescription = '" & SystemForObsolete & "', Status = '" & StatusForObsolete & "', DrawingTitleChildren = '" & DrawTitleForObsolete & "', DwgRevision = '" & RevForObsolete & "', Seq = '" & SeqForObsolete & "', NewRework = '" & NewReworkForObsolete & "', DrawingOrReport = '" & DrawingOrReportForObsolete & "' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

ds.Tables("CountRecordsDrawNum").Clear()

ds.Tables("CountRecordsDrawNum").Dispose()

End If

ElseIf ds.Tables("CountRecordsDrawNum").Rows.Count <= 0 Then

u.ExecuteSQL(SqlConnection1, "Update tblTree Set Status = 'Obsolete' Where (DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' Or DrawingNumber = '" & txtMainDrawingNumber.Text & "') And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

End If

'--------------------------------------------------------------------------

*DONE Right under this line* -> “u.ExecuteSQL(SqlConnection1, "Update tblDrawings Set Status = 'Cancelled' Where RecordID = '" & Val(Me.txtMainRecordID.Text) & "'")”

*Add this block of code* ->

'------------------------------------------------------------------

''Update tblTree

'u.ExecuteSQL(SqlConnection1, "Update tblTree Set Status = 'Cancelled' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' Or DrawingNumber = '" & Me.txtMainDrawingNumber.Text & "'")

da = New SqlClient.SqlDataAdapter("Select \* From vwDrawingsRev where DrawingNumber = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq Desc", SqlConnection1)

da.Fill(ds, "CountDrawNum")

If ds.Tables("CountDrawNum").Rows.Count > 0 Then

If ds.Tables("CountDrawNum").Rows.Count > 0 Then

Dim SystemForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("SystemDescription")

Dim StatusForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("Status")

Dim DrawTitleForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("DrawingTitle")

Dim RevForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("DwgRevision")

Dim SeqForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("Seq")

Dim NewReworkForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("NewRework")

Dim DrawingOrReportForObsolete As String = ds.Tables("CountDrawNum").Rows(0).Item("DrawingOrReport")

'Update all the children rev

u.ExecuteSQL(SqlConnection1, "Update tblTree Set SystemDescription = '" & SystemForObsolete & "', Status = '" & StatusForObsolete & "', DrawingTitleChildren = '" & DrawTitleForObsolete & "', DwgRevision = '" & RevForObsolete & "', Seq = '" & SeqForObsolete & "', NewRework = '" & NewReworkForObsolete & "', DrawingOrReport = '" & DrawingOrReportForObsolete & "' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

ds.Tables("CountDrawNum").Clear()

ds.Tables("CountDrawNum").Dispose()

End If

ElseIf ds.Tables("CountDrawNum").Rows.Count <= 0 Then

u.ExecuteSQL(SqlConnection1, "Update tblTree Set Status = 'Cancelled' Where (DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' Or DrawingNumber = '" & txtMainDrawingNumber.Text & "') And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

End If

'--------------------------------------------------------------------

**DONE Under Search() function, before “If cboView.Text = "In Design" Then” :**

* Add also the End If that matches the second Else(below)

'Show Drawing Number Selected in the Assembly Grid

If ShowAssemblyClicked = "Yes" Then

Me.SqlDataAdapter1.SelectCommand.CommandText = "Select \* From vwDrawingsRev"

If JaguarOnly = True Then

SqlString = " Where DrawingNumber = '" & DrawingNumFromAssembly & "' And RecordID = RecordID And Status != 'Cancelled' And Status != 'Obsolete' AND Status Not In ('GATE 6: Complete', 'GATE 9: Complete') AND ProgramReal = 'Jaguar' OR RecordID = RecordID And Status Not In ('GATE 6: Complete', 'GATE 9: Complete') AND ProgramReal = '2635 – Jaguar' And Status != 'Cancelled' And Status != 'Obsolete' OR RecordID = RecordID And Status Not In ('GATE 6: Complete', 'GATE 9: Complete') AND ProgramReal = 'Jaguar - BE-1900D' And Status != 'Cancelled' And Status != 'Obsolete' OR RecordID = RecordID And Status Not In ('GATE 6: Complete', 'GATE 9: Complete') AND ProgramReal = '2640 - Missionized Interior MMSA-C (G550)' And Status != 'Cancelled' And Status != 'Obsolete'"

Else

SqlString = " Where DrawingNumber = '" & DrawingNumFromAssembly & "' And RecordID = RecordID And Status != 'Cancelled' And Status != 'Obsolete' And Status Not In ('GATE 6: Complete', 'GATE 9: Complete')"

End If

Else

''If DocAdd > 0 Then

'' Me.SqlDataAdapter1.SelectCommand.CommandText = "Select \* from vwDrawingsRev"

'' SqlString = " Where RecordID = RecordID"

'' SqlString = SqlString + " And RecordID = '" & Val(DocAdd) & "'"

'' DocAdd = 0

**DONE IN FRMENGWORKFLOW Interface:**

Add the Show Tree button

Under properties for txtDetailsNextAssemblyDrawing make ReadOnly = True

In the Details tab, right-click on column “Installation Drawing” and select “Hide”

Set Visible property of Label19 and of txtDetailsInstallationDrawing equal to False

**DONE UNDER btnAddNewRev\_Click:**

Under this elseif: “ElseIf RevOrDRN = "REV" Then”

And right after this line: “RevAdd = Val(ds.Tables("TOP11").Rows(0).Item("RecordID"))”

Add this block of code:

'---------------------------------------------------------------------------------------------------------------------------------------------------------

'UPDATE tblTree. Make the revision the latest one(since it is the latest one that is selected in the Tree)

Dim StatusForRev As String = ""

Dim RevForRev As String = ""

Dim SeqForRev As String = ""

da = New SqlClient.SqlDataAdapter("Select Top 1 \* From vwDrawingsRev Where DrawingNumber = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq Desc, RecordID Desc", SqlConnection1)

da.Fill(ds, "DataRecordJustAdded")

If ds.Tables("DataRecordJustAdded").Rows.Count > 0 Then

RevForRev = ds.Tables("DataRecordJustAdded").Rows(0).Item("DwgRevision")

SeqForRev = ds.Tables("DataRecordJustAdded").Rows(0).Item("Seq")

StatusForRev = ds.Tables("DataRecordJustAdded").Rows(0).Item("Status")

u.ExecuteSQL(SqlConnection1, "Update tblTree Set Status = '" & StatusForRev & "', DwgRevision = '" & RevForRev & "', Seq = '" & SeqForRev & "' Where DrawingNumOriginal = '" & Me.txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

ds.Tables("DataRecordJustAdded").Clear()

ds.Tables("DataRecordJustAdded").Dispose()

End If

'---------------------------------------------------------------------------------------------------------------------------------------------------------

**DONE frmEngWorkflowTree:**

Create frmEngWorkflowTree form

Add all the code that is in that form

**DONE frmEngWorkflow:**

Add the below code at the very end, after all the pre-existing code:

'--------------------------------------------------------------------------------------------------------

'ASSEMBLIES CODE

Public Function PopulateAssembliesGrid()

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'-------------------------------------------------------------------------------------------------------------

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NextHigherAssembly, DrawingNumber And DrawingTitle in tblTree contain info about the parent and is used in the Assembly grid of the Details tab

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* DrawingNumOriginal, DwgRevision, DrawingTitleChildren, Status... contain info about the children and is used in the creation of the Tree

'-------------------------------------------------------------------------------------------------------------

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SqlConnection3.ConnectionString = sqlString

'Clear previous data from Assemblies grid if data already existed from before

If IsNothing(ds.Tables("Assemblies")) Then

'nothing

Else

ds.Tables("Assemblies").Clear()

ds.Tables("Assemblies").Dispose()

End If

Try

'POPULATE ASSEMBLIES GRID WITH DATA

da = New SqlClient.SqlDataAdapter("Select \* From (Select ROW\_NUMBER() OVER (PARTITION BY DrawingNumber ORDER BY RecordID desc) AS RowNumber, RecordID,RecordIDFromDrawings,DrawingNumber,DrawingNumOriginal,DocumentType,Priority,DwgReqDate,DrawingType,SystemDescription,Status,DrawingTitle,DwgRevision,DwgRevisionOriginal,NextHigherAssembly,ADCN,DCN,Seq,NewRework,DrawingOrReport From tblTree Where DrawingNumOriginal = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted') A WHERE RowNumber = 1 Order By DrawingNumber", SqlConnection3) 'And NextHigherAssembly != '' And NextHigherAssembly Is Not Null And NextHigherAssembly != 'N/A'

da.Fill(ds, "Assemblies")

Me.bsAssemblies.DataSource = ds.Tables("Assemblies")

GridControl12.DataSource = Me.bsAssemblies

'Dim dsView As New DataView()

'dsView = ds.Tables(0).DefaultView

'bs.DataSource = dsView

'GridControl1.DataSource = bs

'GridView11.Columns("RecordID").Visible = False

'GridView1.Columns("PaymentNum").OptionsColumn.AllowEdit = False

Catch ex As Exception

MessageBox.Show(ex.Message)

Me.Close()

End Try

''Populate Projects col dropdown inside the Projects grid

'RepositoryItemComboBox7.Items.Clear()

'da = New SqlClient.SqlDataAdapter("Select Distinct ProjectName From tblProjects Where Active = 'True'", SqlConnection3) 'Where Program = '" & ProjectSelected & "' And Active = 1

'da.Fill(ds, "ProjectsForDrawingsProjects")

'Dim i As Integer = 0

'While i <= ds.Tables("ProjectsForDrawingsProjects").Rows.Count - 1

' RepositoryItemComboBox7.Items.Add(ds.Tables("ProjectsForDrawingsProjects").Rows(i).Item("ProjectName"))

' i = i + 1

'End While

'ds.Tables("ProjectsForDrawingsProjects").Clear()

'ds.Tables("ProjectsForDrawingsProjects").Dispose()

End Function

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

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'-------------------------------------------------------------------------------------------------------------

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NextHigherAssembly, DrawingNumber And DrawingTitle in tblTree contain info about the parent and is used in the Assembly grid of the Details tab

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* DrawingNumOriginal, DwgRevision, DrawingTitleChildren, Status... contain info about the children and is used in the creation of the Tree

'-------------------------------------------------------------------------------------------------------------

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'Dim SystemDescBrowse As String = ""

Dim StatusBrowse As String = ""

Dim RevisionBrowse As String = ""

Dim TitleChild As String = ""

Dim Assembly As String = ""

Dim SeqBrowse As String = ""

Dim NewReworkBrowse As String = ""

Dim DrawOrReportBrowse As String = ""

Dim DwgReqDateBrowse As String = ""

'Dim RecordIDBrowse As String = ""

Dim recordIDForUpdate As String = ""

SqlConnection3.ConnectionString = sqlString

If txtDetailsNextAssemblyDrawing.Text = "" Then

MsgBox("Select a drawing number from the Browse button first")

Exit Sub

End If

'da = New SqlClient.SqlDataAdapter("Select RecordID,SystemDescription,Status,DwgRevision,Seq,NewRework,DrawingOrReport,DwgRequestDate From vwDrawingsRev Where RecordID = '" & RecordIDBrowse & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq Desc", SqlConnection3)

da = New SqlClient.SqlDataAdapter("Select RecordID,SystemDescription,Status,DwgRevision,Seq,DrawingTitle,NewRework,DrawingOrReport,DwgRequestDate From vwDrawingsRev Where DrawingNumber = '" & txtMainDrawingNumber.Text & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted' Order By Seq Desc, RecordID Desc", SqlConnection3)

da.Fill(ds, "AssemblyData")

If ds.Tables("AssemblyData").Rows.Count > 0 Then

'SystemDescBrowse = ds.Tables("AssemblyData").Rows(0).Item("SystemDescription")

StatusBrowse = ds.Tables("AssemblyData").Rows(0).Item("Status")

RevisionBrowse = ds.Tables("AssemblyData").Rows(0).Item("DwgRevision")

SeqBrowse = ds.Tables("AssemblyData").Rows(0).Item("Seq")

TitleChild = ds.Tables("AssemblyData").Rows(0).Item("DrawingTitle")

'RecordIDBrowse = ds.Tables("AssemblyData").Rows(0).Item("RecordID")

If IsDBNull(ds.Tables("AssemblyData").Rows(0).Item("DwgRequestDate")) Then

DwgReqDateBrowse = ""

Else

DwgReqDateBrowse = ds.Tables("AssemblyData").Rows(0).Item("DwgRequestDate")

End If

If IsDBNull(ds.Tables("AssemblyData").Rows(0).Item("NewRework")) Then

NewReworkBrowse = ""

Else

NewReworkBrowse = ds.Tables("AssemblyData").Rows(0).Item("NewRework")

End If

If IsDBNull(ds.Tables("AssemblyData").Rows(0).Item("DrawingOrReport")) Then

DrawOrReportBrowse = ""

Else

DrawOrReportBrowse = ds.Tables("AssemblyData").Rows(0).Item("DrawingOrReport")

End If

If DrawOrReportBrowse = "Report" Or NewReworkBrowse = "Rework Report" Or NewReworkBrowse = "New Report" Then

DrawOrReportBrowse = "Report"

NewReworkBrowse = "Report"

ElseIf DrawOrReportBrowse = "Drawing" Or NewReworkBrowse = "Rework Drawing" Or NewReworkBrowse = "New Drawing" Then

DrawOrReportBrowse = "Drawing"

NewReworkBrowse = "Drawing"

End If

'da = New SqlClient.SqlDataAdapter("Select RecordID From tblTree Where DrawingNumOriginal = '" & DocBrowse & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'", SqlConnection3)

'da.Fill(ds, "RecordIDForNextAssemblyField")

'If ds.Tables("RecordIDForNextAssemblyField").Rows.Count > 0 Then

' Assembly = ds.Tables("RecordIDForNextAssemblyField").Rows(0).Item("RecordID")

'Else

' MsgBox("Cannot find the RecordID of the record selected in the Browse screen")

' Exit Sub

'End If

'ds.Tables("RecordIDForNextAssemblyField").Clear()

'ds.Tables("RecordIDForNextAssemblyField").Dispose()

End If

ds.Tables("AssemblyData").Clear()

ds.Tables("AssemblyData").Dispose()

u.ExecuteSQL(SqlConnection1, "INSERT into tblTree (DrawingNumber,DrawingTitle,DrawingNumOriginal,Status,DrawingTitleChildren,DwgRevision,Seq,NewRework,DrawingOrReport) Values ('" & DocBrowse & "', '" & u.FTM(TitleBrowseAssembly) & "', '" & Me.txtMainDrawingNumber.Text & "', '" & StatusBrowse & "', '" & u.FTM(TitleChild) & "', '" & RevisionBrowse & "', '" & SeqBrowse & "', '" & NewReworkBrowse & "', '" & DrawOrReportBrowse & "')")

'If this record did not have any assemblies and now it does then populate the doc number NextHigherAssembly field

Dim checkIfThereAreAssemblies As String = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "DrawingTitle")

If checkIfThereAreAssemblies <> "" Then 'Without Assembly

u.ExecuteSQL(SqlConnection1, "Update tblDrawings Set NextHigherAssembly = '" & DocBrowse & "' Where DrawingNumber = '" & Me.txtMainDrawingNumber.Text & "' And (NextHigherAssembly = '' Or NextHigherAssembly Is Null) And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted'")

End If

PopulateAssembliesGrid()

txtDetailsNextAssemblyDrawing.Text = ""

End Sub

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

Dim DrawNumAssemblySelected As String = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "DrawingNumber")

Dim TitleAssemblySelected As String = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "DrawingTitle")

Dim result As DialogResult = MessageBox.Show("Are you sure you want to delete the selected record?", "Title", MessageBoxButtons.YesNo)

If (result = DialogResult.Yes) Then

u.ExecuteSQL(SqlConnection3, "Delete from tblTree Where DrawingNumber = '" & DrawNumAssemblySelected & "' And DrawingTitle = '" & TitleAssemblySelected & "' And DrawingNumOriginal = '" & txtMainDrawingNumber.Text & "'")

MsgBox("Assembly deleted.")

PopulateAssembliesGrid()

'Search()

Else

'Nothing

End If

End Sub

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

ShowAssemblyClicked = "Yes"

'Show record selected in Assembly grid

DrawingNumFromAssembly = GridView12.GetRowCellValue(GridView12.FocusedRowHandle, "DrawingNumber")

Search()

GridView1.ClearColumnsFilter()

ShowAssemblyClicked = ""

DrawingNumFromAssembly = ""

End Sub

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

Dim c As Integer = 0

Dim DrawingNumOrig As String = ""

Dim DrawTitleChild As String = ""

Dim Status As String = ""

Dim Rev As String = ""

Dim Seq As String = ""

Dim NextAssembly As String = ""

Dim DrawOrReport As String = ""

Dim NewRework As String = ""

Dim DrawNum As String = ""

Dim Title As String = ""

'Dim System As String = ""

da = New SqlClient.SqlDataAdapter("Select \* From (Select DrawingNumber,DrawingTitle,Status,DwgRevision,Seq,NextHigherAssembly,DrawingOrReport,NewRework,ROW\_NUMBER() OVER (PARTITION BY DrawingNumber ORDER BY Seq desc) AS RowNumber From vwDrawingsRev Where NextHigherAssembly != '' And NextHigherAssembly Is Not Null And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted') As A Where RowNumber = 1 Order By NextHigherAssembly", frmEngWorkflowTree.SqlConnection1)

da.Fill(ds, "ChildrenRecords")

'Insert Data Selected Above Into tblTreeTemporary

While c <= ds.Tables("ChildrenRecords").Rows.Count - 1

DrawingNumOrig = ds.Tables("ChildrenRecords").Rows(c).Item("DrawingNumber")

DrawTitleChild = ds.Tables("ChildrenRecords").Rows(c).Item("DrawingTitle")

Status = ds.Tables("ChildrenRecords").Rows(c).Item("Status")

Rev = ds.Tables("ChildrenRecords").Rows(c).Item("DwgRevision")

Seq = ds.Tables("ChildrenRecords").Rows(c).Item("Seq")

NextAssembly = ds.Tables("ChildrenRecords").Rows(c).Item("NextHigherAssembly")

If IsDBNull(ds.Tables("ChildrenRecords").Rows(c).Item("DrawingOrReport")) Then

DrawOrReport = ""

Else

DrawOrReport = ds.Tables("ChildrenRecords").Rows(c).Item("DrawingOrReport")

End If

If IsDBNull(ds.Tables("ChildrenRecords").Rows(c).Item("NewRework")) Then

NewRework = ""

Else

NewRework = ds.Tables("ChildrenRecords").Rows(c).Item("NewRework")

End If

da = New SqlClient.SqlDataAdapter("Select \* From (SELECT DrawingNumber,DrawingTitle,SystemDescription, ROW\_NUMBER() OVER (PARTITION BY DrawingNumber ORDER BY Seq desc, RecordID Desc) AS RowNumber FROM vwDrawingsRev Where DrawingNumber = '" & NextAssembly & "' And Status != 'Cancelled' And Status != 'Obsolete' And Status != 'Canceled' And Status != 'Deleted') As A WHERE RowNumber = 1 Order By DrawingNumber", frmEngWorkflowTree.SqlConnection1)

da.Fill(ds, "DataFromParent")

If ds.Tables("DataFromParent").Rows.Count > 0 Then

DrawNum = ds.Tables("DataFromParent").Rows(0).Item("DrawingNumber")

Title = ds.Tables("DataFromParent").Rows(0).Item("DrawingTitle")

'System = ds.Tables("DataFromParent").Rows(0).Item("SystemDescription")

Else

DrawNum = ""

Title = ""

End If

u.ExecuteSQL(SqlConnection1, "INSERT INTO tblTree (DrawingNumOriginal,DrawingTitleChildren,Status,DwgRevision,Seq,DrawingOrReport,NewRework,DrawingNumber,DrawingTitle) Values ('" & DrawingNumOrig & "', '" & u.FTM(DrawTitleChild) & "', '" & Status & "', '" & Rev & "', '" & Seq & "', '" & DrawOrReport & "', '" & NewRework & "', '" & DrawNum & "', '" & u.FTM(Title) & "')")

c += 1

ds.Tables("DataFromParent").Clear()

ds.Tables("DataFromParent").Dispose()

End While

ds.Tables("ChildrenRecords").Clear()

ds.Tables("ChildrenRecords").Dispose()

End Sub