

```

Dim projectIDCollection As New Collection
Public projectNoCollection As New Collection
Dim projectTitleCollection As New Collection
Dim projectManagerCollection As New Collection
Dim tempString As String = ""

Private Sub CollectProjects()
    ' Clear the collections
    projectIDCollection.Clear()
    projectNoCollection.Clear()
    projectTitleCollection.Clear()
    projectManagerCollection.Clear()
    ' Define routine variables
    Dim cmd As New SqlCommand
    Dim sqlDataReader As SqlDataReader
    ' Establish the SQL command line
    cmd.CommandText = SQLCommand_CLB1()
    ' Establish the command text
    cmd.CommandType = CommandType.Text
    ' Establish the connection
    cmd.Connection = sqlConnR
    Try ' Open the connection to the database
        sqlConnR.Open()
        ' Execute the command and retrieve the row in the DataReader
        sqlDataReader = cmd.ExecuteReader()
        ' With the selected combobox
        With ComboBox1
            ' Clear any existing items from the list box - for refresh requests
            .Items.Clear()
            ' Set List Box Instruction
            .Text = "Select A Project"
            ' Fill the listbox to display on the form tab
            .BeginUpdate()
            ' Sort the list
            .Sorted = False
            ' Set the font style to a equal-sized character spacing
            .Font = New System.Drawing.Font("Courier New", 11, FontStyle.Bold)
            .ForeColor = Color.Black
            ' If any data has been found, then
            If sqlDataReader.HasRows Then
                ' while the reader is reading
                Do While sqlDataReader.Read()
                    ' Collect the quote ID's
                    projectIDCollection.Add(ReturnSQLInteger(sqlDataReader, "ProjectNoID"))
                    projectNoCollection.Add(ReturnSQLInteger(sqlDataReader, "ProjectNo"))
                    projectManagerCollection.Add(ReturnSQLStringWithDefault(sqlDataReader, "PM", "n/a"))
                    tempString = ReturnSQLString(sqlDataReader, "ProjectTitle")
                    If tempString.ToLower = "n/a" Then
                        tempString = ReturnSQLString(sqlDataReader, "Description")
                    End If
                Loop
            End If
        End With
    Catch
    End Try

```

```

                projectTitleCollection.Add(tempString)
                .Items.Add(ReturnSQLInteger(sqlDataReader, "ProjectNo") & " " & tempString)
            Loop
        End If
        ' Update the combobox after records are entered
        .EndUpdate()
    End With
Catch ex As Exception ' Inform operator of error
    Call MessageBoxError(System.Reflection.MethodBase.GetCurrentMethod.Name, ex.Message.ToString, "S")
Finally ' Close the connection to the database
    sqlConnR.Close()
End Try
' Update Label 1
'Label1.Text = "Project Count: " & ComboBox1.Items.Count
' Update the Too Strip Status
ToolStripStatusLabel1.Text = "Project Count: " & ComboBox1.Items.Count
ToolStripStatusLabel2.Text = ""
ToolStripStatusLabel2.BackColor = Color.PaleGreen
ToolStripStatusLabel3.Text = ""
ToolStripStatusLabel3.BackColor = Color.PaleTurquoise
ToolStripStatusLabel4.Text = ""
ToolStripStatusLabel4.BackColor = Color.PaleGreen
ToolStripStatusLabel5.Text = ""
ToolStripStatusLabel5.BackColor = Color.PaleTurquoise
ToolStripStatusLabel6.Text = ""
ToolStripStatusLabel6.BackColor = Color.PaleGreen
StatusStrip1.Update()
End Sub

Private Function SQLCommand_CLB1() As String
    ' Determine the where clause for project display for ComboBox1
    ' Set the default SQL command line
    SQLCommand_CLB1 = "SELECT pds.ProjectNoID, pds.ProjectNo, pds.ProjectTitle, pds.Description, (RTRIM(e.FirstName) + '
        ' + RTRIM(e.LastName)) AS PM FROM dbo.ProjectDataSheet AS pds " &
        "INNER JOIN dbo.Employee AS e ON e.EmployeeID = pds.ProjectManagerID " &
        "WHERE pds.IsAccount <> 1 And pds.isCurrent = 1 "
    ' Determine which projects to select
    SQLCommand_CLB1 &= If(RadioButton1.Checked, "", "") ' RadioButton1 -
All Active Projects
    SQLCommand_CLB1 &= If(RadioButton2.Checked, "And pds.ProjectManagerID = " & EmployeeID & " ", "") ' RadioButton2 -
Project Manager (Mine Only) Projects
    SQLCommand_CLB1 &= If(RadioButton3.Checked, "", "") ' RadioButton3 -
All Projects with Overhead
    ' Set the order by as descending by project number
    SQLCommand_CLB1 &= "ORDER BY pds.ProjectNo DESC"
End Function

```