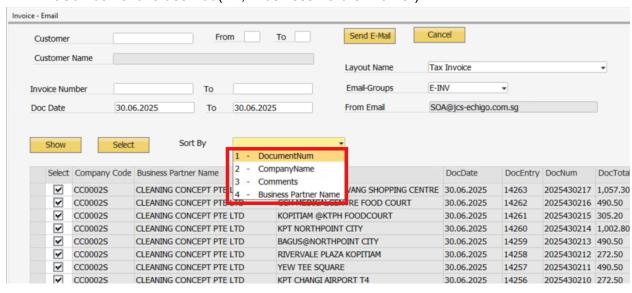
Module ElnvoiceEmailEntry

```
Public WithEvents oApp4ItemEvent As SAPbouiCOM.Application = Nothing
  Sub MRFormLoad(ByVal oform As SAPbouiCOM.Form)
    Dim IstrSQL As String = String.Empty
    Try
       GetParameter()
       oEdit = oform.ltems.ltem("Item_4").Specific
       oEdit.String = Format(Now.Date, "dd/MM/yyyy")
       oEdit = oform.ltems.ltem("Item_14").Specific
       oEdit.String = Format(Now.Date, "dd/MM/yyyy")
       'EmailssetComboBoxValue(oform.Items.Item("Item 1").Specific, "select ""CardCode"",
""CardName"" from ""OCRD"" Where ""CardType""='C' Order by ""CardName"" ") '2022-04-25
       EmailssetComboBoxValue(oform.ltems.ltem("Item 9").Specific, "select ""EmlGrpCode"",
""EmlGrpName"" from ""OEGP"" ")
'Dropdown display name
       oCombo = oform.ltems.ltem("Item 21").Specific
```

oCombo.ValidValues.Add("1", "DocumentNum") oCombo.ValidValues.Add("2", "CompanyName") oCombo.ValidValues.Add("3", "Comments")

oCombo. Valid Values. Add ("4", "Business Partner Name")



lstrSQL = "SELECT ""Code"", ""Name"" FROM ""@MPS_REPORT"" ORDER BY
""Code"""

setComboBoxValue(oform.ltems.ltem("Item_23").Specific, lstrSQL)

oEdit = oform.ltems.ltem("Item_26").Specific oEdit.String = ""

oEdit = oform.Items.Item("Item_27").Specific oEdit.String = ""

' Adding Conditions to CFL_2

Dim sCFL_ID As String

sCFL ID = "CFL 2"

 ${\sf Dim\ oCFL\ As\ SAP bouiCOM. Choose From List}$

oCFL = oform.ChooseFromLists.Item(sCFL_ID)

Dim oCons As SAPbouiCOM.Conditions

Dim oCon As SAPbouiCOM.Condition

oCons = oCFL.GetConditions()

oCon = oCons.Add()

oCon.Alias = "CardType"

oCon.Operation = SAPbouiCOM.BoConditionOperation.co EQUAL

oCon.CondVal = "C"

oCFL.SetConditions(oCons)

oform.ltems.ltem("ltem_6").Enabled = False

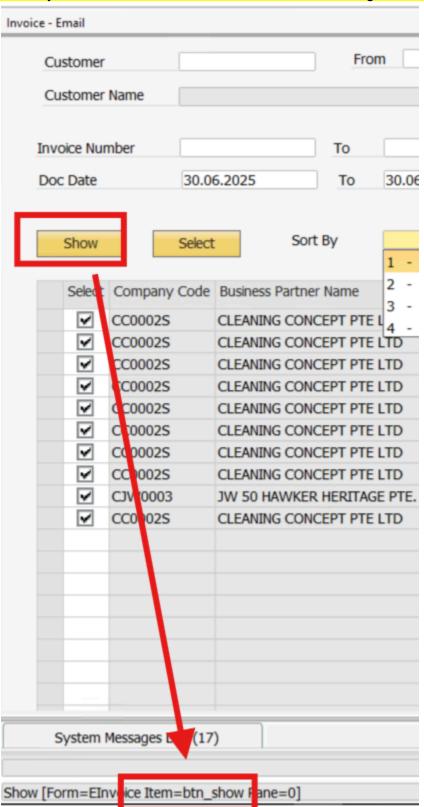
```
IstrSQL = "SELECT TOP 1 T0.""U FMailId"", T0.""U FMailPwd"", T0.""U SMTPHost"",
T0.""U_SMTPPort"", T0.""U_SMTPCTO"", T0.""U_Subject"", "
           & "T0.""U Server"", T0.""U Database"", T0.""U SQLuid"", T0.""U SQLpwd"",
T0.""U EEmailId"", T0.""U ESubject"" "
           & ", T0.""U_BCC"", T0.""U_CC"", T0.""U_ReportPath"", T0.""U_EPath"" " _
           & "FROM ""@MPS_SOA_SETTINGS"" TO "
           & "WHERE ""Code"" = " & DbTextFormat(gFromEmail)
      oRecordSet =
oCompany.GetBusinessObject(SAPbobsCOM.BoObjectTypes.BoRecordset)
      oRecordSet.DoQuery(IstrSQL)
      Dim oFields As SAPbobsCOM.Fields = oRecordSet.Fields
      If oRecordSet.RecordCount > 0 Then
         sFromMailId = NullToEmp(oFields.Item("U_FMailId").Value)
         If sFromMailId = "" Then
           MsgBoxWrapper("From Email Not setup in the SOA Setup Table",
MsgBoxType.B1MsgBox)
           'oApplication.StatusBar.SetText("From Email Not setup in the SOA Setup Table",
SAPbouiCOM.BoMessageTime.bmt_Short,
SAPbouiCOM.BoStatusBarMessageType.smt Error)
           Exit Sub
         End If
         sFromMailIdPassword = NullToEmp(oFields.Item("U FMailPwd").Value)
         sSMTPHost = NullToEmp(oFields.Item("U_SMTPHost").Value)
         If oFields.Item("U SMTPPort").Value = "" Then
           iSMTPPort = 0
         Else
           iSMTPPort = Convert.ToInt32(oFields.Item("U SMTPPort").Value)
         End If
         If oFields.Item("U SMTPCTO").Value = "" Then
           iSMTPConnTimeout = 0
         Else
           iSMTPConnTimeout =
Convert.ToInt32(NullToZero(oFields.Item("U SMTPCTO").Value))
         End If
         sSubject = NullToEmp(oFields.Item("U Subject").Value)
         sServer = NullToEmp(oFields.ltem("U Server").Value)
         'sDatabase = NullToEmp(oFields.Item("U Database").Value)
         sUid = NullToEmp(oFields.Item("U SQLuid").Value)
         sPwd = NullToEmp(oFields.Item("U SQLpwd").Value)
         'ConnectionString = ""
         sErrorEmailId = NullToEmp(oFields.ltem("U EEmailId").Value)
         sErrorSubject = NullToEmp(oFields.Item("U ESubject").Value)
```

```
sBCC = NullToEmp(oFields.Item("U BCC").Value)
      sCC = NullToEmp(oFields.Item("U_CC").Value)
      sReportPath = NullToEmp(oFields.Item("U ReportPath").Value)
      sEmailContentPath = NullToEmp(oFields.Item("U EPath").Value)
    End If
    oltem = oform.ltems.ltem("Item 6")
    oltem.Enabled = False
    oltem.Specific.value = sFromMailId
    EmailsDataBind(oform)
  Catch ex As Exception
    MsgBoxWrapper(ex.Message, MsgBoxType.B1StatusBar)
  End Try
End Sub
Sub EmailsDataBind(ByVal oform As SAPbouiCOM.Form)
  Try
    oGrid = oform.ltems.ltem("Item 7").Specific
    oltem = oform.ltems.ltem("btn_Email")
    oltem.Enabled = True
  Catch ex As Exception
    MsgBoxWrapper(ex.Message, MsgBoxType.B1StatusBar)
  End Try
End Sub
Sub onFormLoadBefore(ByVal formUID As String, _
            ByRef pVal As SAPbouiCOM.ItemEvent, _
            ByRef BubbleEvent As Boolean)
End Sub
Sub onFormLoadAfter(ByVal formUID As String, _
          ByRef pVal As SAPbouiCOM.ItemEvent, _
          ByRef BubbleEvent As Boolean)
End Sub
```

```
Sub EmailssetComboBoxValue(ByVal oComboBox As SAPbouiCOM.ComboBox, ByVal
pstrSQL As String)
    Dim Imessage As String = String.Empty
    Try
      If oComboBox.ValidValues.Count = 0 Then
         oRecordSet =
oCompany.GetBusinessObject(SAPbobsCOM.BoObjectTypes.BoRecordset)
         oRecordSet.DoQuery(pstrSQL)
         Dim oFields As SAPbobsCOM.Fields = oRecordSet.Fields
         While oRecordSet.EoF = False
           oComboBox.ValidValues.Add(oFields.Item(0).Value, oFields.Item(1).Value)
           oRecordSet.MoveNext()
         End While
      End If
    Catch ex As Exception
      "WriteToLogFile("SetComboBoxValue Function Failed " & ex.ToString(),
"SetComboBoxValue Function Failed")
      MsgBoxWrapper("setComboBoxValue Function Failed: " & ex.Message,
MsgBoxType.B1StatusBar)
    End Try
  End Sub
  Sub setComboBoxValue(ByVal oComboBox As SAPbouiCOM.ComboBox, ByVal pstrSQL As
String)
    Dim Imessage As String = String.Empty
    Try
      If oComboBox.ValidValues.Count = 0 Then
         oComboBox.ValidValues.Add("", "")
         oRecordSet =
oCompany.GetBusinessObject(SAPbobsCOM.BoObjectTypes.BoRecordset)
         oRecordSet.DoQuery(pstrSQL)
         Dim oFields As SAPbobsCOM.Fields = oRecordSet.Fields
         While oRecordSet.EoF = False
           oComboBox.ValidValues.Add(oFields.Item(0).Value, oFields.Item(1).Value)
           oRecordSet.MoveNext()
```

```
End While
      End If
    Catch ex As Exception
      "WriteToLogFile("SetComboBoxValue Function Failed " & ex.ToString(),
"SetComboBoxValue Function Failed")
      MsgBoxWrapper("setComboBoxValue Function Failed:" & ex.Message,
MsgBoxType.B1StatusBar)
    End Try
  End Sub
  Sub EmailsItemEventHandler(ByVal formUID As String, _
          ByRef pVal As SAPbouiCOM.ItemEvent, _
          ByRef BubbleEvent As Boolean) Handles oApp4ItemEvent.ItemEvent
    Dim IstrSQL As String = String.Empty
    Try
      If pVal.EventType = SAPbouiCOM.BoEventTypes.et_FORM_LOAD Then
         If pVal.BeforeAction Then
           onFormLoadBefore(formUID, pVal, BubbleEvent)
         Else
           onFormLoadAfter(formUID, pVal, BubbleEvent)
         End If
      End If
      If pVal.FormUID = "EInvoice" Then
         BubbleEvent = True
         Select Case (pVal.EventType)
           Case SAPbouiCOM.BoEventTypes.et_COMBO_SELECT
           Case SAPbouiCOM.BoEventTypes.et ITEM PRESSED
```

Usually check the button name first for the function using View > System Information



If pVal.Before_Action = False And pVal.ItemUID = "btn_show" Then

```
oForm = oApp.Forms.ActiveForm
                Try
                   '2022-04-25 Start
                   Dim ReportCode As String = oForm.ltems.ltem("Item 23").Specific.value
                  If ReportCode = "" Then
                     MsgBoxWrapper("Layout Name should not be empty",
MsgBoxType.B1MsgBox)
                     Exit Sub
                   End If
                   '2022-04-25 End
                   Dim tableName As String = "OINV"
                   'Dim FCardCode As String = oForm.Items.Item("Item 1").Specific.value
'2022-04-25
                   Dim FCardCode As String = oForm.ltems.ltem("Item_26").Specific.value
                   If FCardCode = "" Then
                     FCardCode = getSingleValue("Select ""DocEntry"" from ""OCRD"" Where
""CardType""='C' and ""CardCode""= " & DbTextFormat(FCardCode))
                   End If
                   Dim FStartCardCode As String = oForm.ltems.ltem("Item 2").Specific.value
                   Dim FToCardCode As String = oForm.Items.Item("Item_10").Specific.value
                   Dim FGroup As String = oForm.ltems.ltem("Item_9").Specific.value
                   If FGroup = "" Then
                     FGroup = getSingleValue("Select Top 1 ""GroupCode"" from ""OCRG""
Where ""GroupType""='C' order by ""GroupCode"" Asc")
                   End If
                   Dim FromDate As String = oForm.ltems.ltem("Item 4").Specific.value
                   Dim Todate As String = oForm.ltems.ltem("Item_14").Specific.value
                   Dim FromDateD As Date
                   FromDateD = Date.ParseExact(FromDate, "yyyyMMdd",
Globalization.CultureInfo.InvariantCulture)
                   Dim ToDateD As Date
```

```
ToDateD = Date.ParseExact(Todate, "yyyyMMdd",
Globalization.CultureInfo.InvariantCulture)
                  '2020-06-30 Start
                  Dim FlnvoiceNumber As String =
oForm.ltems.ltem("Item 16").Specific.value
                  Dim TolnvoiceNumber As String =
oForm.Items.Item("Item_18").Specific.value
                  '2020-06-30 End
                  "Company Code, Company Name, Invoice Date, Invoice No. Remarks,
Total Doc, Contact Person, E mail
                  'Change Company Name to ShipToCode
'Add column here
                  Dim StrSql As String = "SELECT 'Y' AS ""Select"", T0.""CardCode"" AS
""Company Code"", T0.""CardName"" AS ""Business Partner Name"", T0.""ShipToCode"" AS
""Company Name"", "_
                                    & " T0.""DocDate"", "
                                    & " T0.""DocEntry"", T0.""DocNum"", "
                                    & " T0.""DocTotal"", T0.""Comments"", "
                                    & "T1.""Name"" AS ""Contact Person"", T1.""E MailL""
AS ""E_Mail"" " _
                                    & "FROM OINV TO "
                                    & "LEFT JOIN ""OCPR"" T1 ON T0.""CardCode"" =
T1.""CardCode"" "
                                    & " WHERE T0.""DocDate"" >= " &
DbDateFormat(FromDateD) & " AND " & "T0.""DocDate"" <= " & DbDateFormat(ToDateD) _
                                    & " AND T0.""CANCELED"" = 'N' AND T0.""DocStatus""
= 'O'" _
                                    & " AND T1.""EmlGrpCode"" = " &
DbTextFormat(FGroup)
                                    & " AND isNull(T1.""E MailL"",") <> " "
                  If FInvoiceNumber <> "" Then
                     StrSql = StrSql & " AND T0.""DocNum"" >= " &
DbTextFormat(FInvoiceNumber) & " AND T0.""DocNum"" <= " &
DbTextFormat(ToInvoiceNumber)
                  End If
                  If FCardCode <> "" Then
                     StrSql = StrSql & " AND T0.""CardCode"" = " &
DbTextFormat(FCardCode)
                  End If
```

```
If FStartCardCode <> "" Then
                     If FToCardCode = "" Then
                       FToCardCode = "Z"
                     End If
                     StrSql = StrSql & " AND LEFT(T0.""CardName"",1) BETWEEN " &
DbTextFormat(FStartCardCode) & " AND " & DbTextFormat(FToCardCode)
                  End If
                  Dim IValue As String = String.Empty
                  oCombo = oForm.ltems.ltem("Item 21").Specific
                  IValue = oCombo.Value
                  If IValue = "1" Then
                    StrSql = StrSql & " ORDER BY T0.""DocNum"" DESC"
                  Elself IValue = "2" Then
                     StrSql = StrSql & " ORDER BY T0.""ShipToCode"" ASC"
                  Elself IValue = "3" Then
                     StrSql = StrSql & " ORDER BY T0.""Comments"" ASC"
                  Elself IValue = "4" Then
                     StrSql = StrSql & " ORDER BY T0.""CardName"" ASC"
                     StrSql = StrSql & " ORDER BY T0.""DocNum"" DESC"
                  End If
                  '2022-04-25 End
                  Try
                    oForm.DataSources.DataTables.Item("DT 0").Clear()
                  Catch ex As Exception
                    MsgBoxWrapper(ex.Message)
                  End Try
```

Try oForm.DataSources.DataTables.Add("DT_0")

Catch ex As Exception

End Try

'Sort function

oForm.DataSources.DataTables.Item("DT_0") oForm.DataSources.DataTables.Item("DT 0").ExecuteQuery(StrSql) 'oGrid = oForm.ltems.ltem("Item 7").Specific oGrid.DataTable = oForm.DataSources.DataTables.Item("DT 0") Dim cols As SAPbouiCOM.GridColumns cols = oGrid.Columns

```
cols.Item(0).Type = SAPbouiCOM.BoGridColumnType.gct CheckBox
                  'oGrid.Columns.Item(0).Type =
SAPbouiCOM.BoFormItemTypes.it CHECK BOX
                  oGrid.Columns.Item(0).Editable = True
                  'When added one column, here also need to add one more column
                  oGrid.Columns.Item(1).Editable = False
                  oGrid.Columns.Item(2).Editable = False
                  oGrid.Columns.Item(3).Editable = False
                  oGrid.Columns.Item(4).Editable = False
                  oGrid.Columns.Item(5).Editable = False
                  oGrid.Columns.Item(6).Editable = False
                  oGrid.Columns.Item(7).Editable = False
                  oGrid.Columns.Item(8).Editable = False
                  oGrid.Columns.Item(9).Editable = False
                  oGrid.Columns.Item(10).Editable = True
                  oGrid.SelectionMode = SAPbouiCOM.BoMatrixSelect.ms Single
                  oGrid.AutoResizeColumns()
               Catch ex As Exception
                  MsgBoxWrapper(ex.Message)
               End Try
             End If
             If pVal.Before Action = False And pVal.ItemUID = "btn select" Then
               Try
                  For i As Integer = 0 To oGrid.Rows.Count - 1
                    Dim Check As String = ""
                    Check =
oGrid.DataTable.Columns.Item(0).Cells.Item(i).Value.ToString.Trim()
                    If Check = "Y" Then
                      oGrid.DataTable.Columns.Item(0).Cells.Item(i).Value = "N"
                    Else
                      oGrid.DataTable.Columns.Item(0).Cells.Item(i).Value = "Y"
                    End If
                  Next
               Catch ex As Exception
               Finally
               End Try
               Exit Select
```

```
End If

If pVal.Before_Action = False And pVal.ItemUID = "btn_Email" Then

Try

oltem = oForm.Items.Item("btn_Email")
oltem.Enabled = False
```

Dim ICheck As String = String.Empty
Dim IDocEntry As String = String.Empty

Dim ICompanyName As String = String.Empty

Dim ICompanyCode As String = String.Empty

Dim IContactPerson As String = String.Empty

Dim IDocNum As String = String.Empty

'Dim IPrintSuccess As Boolean

Dim IToEmail As String = String.Empty

Dim IFileName As String = String.Empty

Dim IObjectID As Integer = 13

Dim IExportPath As String = String.Empty

Dim IPDFFile As String = String.Empty

Dim ICounterPageFile As String = String.Empty

Dim IBarcode As String = String.Empty

Dim AttachmentFiles As New ArrayList

Dim IReportCode As String = oForm.Items.Item("Item_23").Specific.value

If IReportCode = "" Then

MsgBoxWrapper("Layout Name should not be empty",

MsgBoxType.B1MsgBox)

Exit Sub

End If

For i As Integer = 0 To oGrid.Rows.Count - 1

ICheck = ""

IDocEntry = ""

ICheck =

oGrid.DataTable.Columns.Item(0).Cells.Item(i).Value.ToString.Trim()

If ICheck = "Y" Then

ICompanyName =

oGrid.DataTable.Columns.Item(2).Cells.Item(i).Value

ICompanyCode = oGrid.DataTable.Columns.Item(1).Cells.Item(i).Value

IDocEntry = oGrid.DataTable.Columns.Item(4).Cells.Item(i).Value IDocNum = oGrid.DataTable.Columns.Item(5).Cells.Item(i).Value IContactPerson = oGrid.DataTable.Columns.Item(8).Cells.Item(i).Value IToEmail = oGrid.DataTable.Columns.Item(9).Cells.Item(i).Value 'IPrintSuccess = CreatePDF(IReportName, INoOfParameter,

IExportPath, IExportPDFName, IObjectID, IDocEntry)

'If IPrintSuccess Then

' IPrintCount = IPrintCount + 1

'End If

IFileName = ICompanyName.ToString + "-" + IDocNum + ".pdf"
'IPDFFile = IExportPath + "\" + IFileName
'AttachmentFiles.Add(IPDFFile)

Dim CCMeail As String = String.Empty
Dim DocDate As Date
Dim DocDateStr As String = String.Empty
DocDate = oGrid.DataTable.Columns.Item(3).Cells.Item(i).Value
DocDateStr = Format(DocDate, "dd-MM-yyyy")

IExportPath = gSaveToPDFPath

'If SendAutomatedEmail(IToEmail, ICompanyName, ICompanyCode, IContactPerson, IDocEntry, IDocNum, IObjectID, IExportPath, IFileName, ICounterPageFile, AttachmentFiles, gFromEmail) <> "SUCCESS" Then '2022-04-25

If SendAutomatedEmail(IToEmail, IContactPerson, ICompanyName, ICompanyCode, DocDateStr, IFileName, sErrorSubject, CCMeail, gFromEmail, IReportCode, IExportPath, IDocEntry) <> "SUCCESS" Then '2022-04-25

MsgBoxWrapper("Email Sending Failed. Contact Person:" &

IContactPerson)

'oApplication.StatusBar.SetText("Email Sending Failed. Contact Person:" & ContactPerson, SAPbouiCOM.BoMessageTime.bmt_Short, SAPbouiCOM.BoStatusBarMessageType.smt_Error)

End If

End If

Next
oltem = oForm.ltems.ltem("btn_Email")
oltem.Enabled = True

MsgBoxWrapper("Email Sending Process Completed.")
MsgBoxWrapper("Email Sending Process Completed.",

MsgBoxType.B1MsgBox)

```
Catch ex As Exception
      MsgBoxWrapper(ex.Message, MsgBoxType.B1StatusBar)
    End Try
  End If
Case SAPbouiCOM.BoEventTypes.et LOST FOCUS
Case SAPbouiCOM.BoEventTypes.et_LOST_FOCUS
Case SAPbouiCOM.BoEventTypes.et CHOOSE FROM LIST
  If pVal.ItemUID = "Item_26" Then 'CardCode ' 2022-04-25
    Dim oFormCFL As SAPbouiCOM.Form
    oFormCFL = oApp.Forms.Item(formUID)
    Dim oCFLEvento As SAPbouiCOM.IChooseFromListEvent
    oCFLEvento = pVal
    Dim sCFL_ID As String
    sCFL ID = oCFLEvento.ChooseFromListUID
    Dim oCFL As SAPbouiCOM.ChooseFromList
    oCFL = oFormCFL.ChooseFromLists.Item(sCFL_ID)
    If oCFLEvento.BeforeAction = False Then
      If Not pVal.SelectedObjects Is Nothing Then
        Dim oDataTable As SAPbouiCOM.DataTable
        oDataTable = oCFLEvento.SelectedObjects
        Dim valCardCode As String = String.Empty
        Dim valCardName As String = String.Empty
        valCardCode = oDataTable.GetValue("CardCode", 0)
        valCardName = oDataTable.GetValue("CardName", 0)
        Try
           oEdit = oFormCFL.Items.Item("Item_27").Specific
           oEdit.Value = valCardName
           Try
             oEdit = oFormCFL.Items.Item("Item_26").Specific
```

```
oEdit.Value = valCardCode
Catch ex As Exception
End Try

Catch ex As Exception
MsgBoxWrapper(ex.Message, MsgBoxType.B1MsgBox)

End Try

End If
End If
End Select

End If

Catch ex As Exception
MsgBoxWrapper("ItemEventHandler: " & ex.Message, MsgBoxType.B1StatusBar)
End Try
End Sub
```

End Module