کدهای برنامه‌نویسی پروژهٔ پایانی دورهٔ «مهندسی نرم‌افزار»

نرم‌افزار ارسال گزارش (تیکت) از لایهٔ اول به لایهٔ دوم پشتیبانی

(Trouble Ticketing Software)

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دانشجو: امیر نورزاده

شمارهٔ دانشجویی: ۴۰۰۱۱۵۴۱۰۰۲۰۱۱

زمان برگزاری: پنجشنبه‌ها | ساعت ۱۷:۱۵ الی ۱۹:۳۰

UseForm1

```
Private Sub CommandButton1_Click()
MultiPage1.Value = MultiPage1.Value - 1
CommandButton2.Enabled = True
Call EnableNext1
End Sub
Private Sub CommandButton10_Click()
Dim i As Single
    For i = 0 To ListBox4.ListCount - 1
    ListBox4.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton11_Click()
Dim i As Single
    For i = 0 To ListBox5.ListCount - 1
    ListBox5.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton12_Click()
Dim i As Single
    For i = 0 To ListBox5.ListCount - 1
    ListBox5.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton13_Click()
Dim i As Single
    For i = 0 To ListBox6.ListCount - 1
    ListBox6.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton14_Click()
Dim i As Single
    For i = 0 To ListBox6.ListCount - 1
    ListBox6.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton15_Click()
Dim i As Single
    For i = 0 To ListBox7.ListCount - 1
    ListBox7.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton16_Click()
Dim i As Single
    For i = 0 To ListBox7.ListCount - 1
    ListBox7.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton17_Click()
Dim i As Single
    For i = 0 To ListBox8.ListCount - 1
    ListBox8.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton18_Click()
Dim i As Single
```

```vba
    For i = 0 To ListBox8.ListCount - 1
    ListBox8.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton19_Click()
Dim i As Single
    For i = 0 To ListBox9.ListCount - 1
    ListBox9.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton2_Click()
MultiPage1.Value = MultiPage1.Value + 1
CommandButton1.Enabled = True
TextBox2.Value = Application.ThisWorkbook.Worksheets("MainPage").Range("L5").Value
Label15.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("Q2").Value
Call EnableNext1
End Sub
Private Sub CommandButton20_Click()
Dim i As Single
    For i = 0 To ListBox9.ListCount - 1
    ListBox9.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton21_Click()
Application.ThisWorkbook.Worksheets("MainPage").Range("L5").Copy
End Sub
Private Sub CommandButton22_Click()
UserForm2.Show
End Sub
Private Sub CommandButton23_Click()
UserForm3.Show
End Sub
Private Sub CommandButton24_Click()
Dim exWB As Workbook
Dim strFileName As String
Dim strFileExists As String
strFileName = "\\172.19.16.10\RighTel\Chief Commercial Officer\Customer Operation-Director\Customer Operation
Support\Training\ReportProblemsBackEnd.xlsx"
On Error GoTo errorone
strFileExists = Dir(strFileName)
    If strFileExists = "" Then
errorone:
        UserForm6.Show
    Else
    'Hide action from users
    Application.ScreenUpdating = False
    'Open Workbook -- must be in the same path
    Set exWB = Workbooks.Open("\\172.19.16.10\RighTel\Chief Commercial Officer\Customer Operation-Director\Customer
Operation Support\Training\ReportProblemsBackEnd.xlsx")
    Application.ThisWorkbook.Worksheets("MainPage").Range("DB2:DG2").Copy
    Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").Visible = xlSheetVisible
    JobRow = Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").[BA1].Value
    Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").Cells(JobRow + 1, 2).PasteSpecial
Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
        :=False, Transpose:=False
    Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").Cells(JobRow + 1, 1) =
Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").[BB1].Value
```

```vba
    Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").Range("A1").Select
    'Close Workbook, remove from memory
    exWB.Close True
    Set exWB = Nothing
    'Unhide action from users
    Application.ScreenUpdating = True
    CommandButton24.Enabled = False
    CommandButton25.Enabled = True
    UserForm5.Show
    End If
End Sub
Private Sub CommandButton25_Click()
Me.MultiPage1.Value = 0
Call CommandButton4_Click
Me.ListBox6.Clear
Me.ListBox7.Clear
Me.ListBox8.Clear
Me.ListBox9.Clear
Me.ListBox10.Clear
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=8
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=7
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=6
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=1
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True
Call CommandButton6_Click
Call CommandButton8_Click
Call CommandButton10_Click
Call CommandButton12_Click
TextBox2.Value = ""
TextBox3.Value = ""
Application.ThisWorkbook.Worksheets("MainPage").Range("B12:M110").ClearContents
CommandButton24.Enabled = True
CommandButton25.Enabled = False
End Sub
Private Sub CommandButton26_Click()
UserForm7.Show
End Sub
Private Sub CommandButton27_Click()
    If TextBox3.Text <> "" And Len(TextBox3.Text) = 9 Then
    'found a match; populate listbox
    ListBox10.AddItem "09" & TextBox3.Text
    duplicateNum = TextBox3.Text
    TextBox3.Text = ""
    End If
'........ Remove duplicate item from listbox
Dim k As Long
Dim j As Long
With ListBox10
    For k = 0 To .ListCount - 1
        For j = .ListCount - 1 To (k + 1) Step -1
            If .List(j) = .List(k) Then
            TextBox3.Text = duplicateNum
            .RemoveItem j
            UserForm9.Show
```

```vba
        End If
      Next
    Next
End With
Call NumberList
End Sub
Private Sub CommandButton28_Click()
Dim i As Long
Dim rowsList As String
    For i = ListBox10.ListCount - 1 To 0 Step -1
      If ListBox10.Selected(i) Then
      ListBox10.RemoveItem i
      'Else
      'rowsList = rowsList & i + 1 & " " '<-- update the rows to be confirmed
      End If
    Next i
CommandButton28.Enabled = False
Call NumberList
End Sub
Private Sub CommandButton3_Click()
Dim i As Single
    For i = 0 To ListBox1.ListCount - 1
    ListBox1.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton4_Click()
Dim i As Single
    For i = 0 To ListBox1.ListCount - 1
    ListBox1.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton5_Click()
Dim i As Single
    For i = 0 To ListBox2.ListCount - 1
    ListBox2.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton6_Click()
Dim i As Single
    For i = 0 To ListBox2.ListCount - 1
    ListBox2.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton7_Click()
Dim i As Single
    For i = 0 To ListBox3.ListCount - 1
    ListBox3.Selected(i) = True
    Next i
End Sub
Private Sub CommandButton8_Click()
Dim i As Single
    For i = 0 To ListBox3.ListCount - 1
    ListBox3.Selected(i) = False
    Next i
End Sub
Private Sub CommandButton9_Click()
Dim i As Single
```

```vba
   For i = 0 To ListBox4.ListCount - 1
   ListBox4.Selected(i) = True
    Next i
End Sub
Private Sub ListBox1_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("B12", "B110").ClearContents
Application.ThisWorkbook.Worksheets("MainPage").Range("G12", "J110").ClearContents
Dim i As Integer
   For i = 0 To ListBox1.ListCount - 1
   'Check if the item was selected.
     If ListBox1.Selected(i) Then
     'If here, means this item has been selected.
     'Put all selected items in Column
     Application.ThisWorkbook.Worksheets("MainPage").Range("B"     &     Rows.Count).End(xlUp).Offset(1).Value     =
ListBox1.List(i)
     End If
   Next i
Dim r() As String
Dim n As Integer
ReDim r(0)
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
'reset any pre-existing filters
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=8
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=7
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=6
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=1
ReDim r(0)
   For n = 0 To ListBox1.ListCount - 1
     If Me.ListBox1.Selected(n) Then
     r(UBound(r)) = Me.ListBox1.List(n)
     ReDim Preserve r(UBound(r) + 1)
     End If
   Next n
   If UBound(r) <> 0 Then
   ReDim Preserve r(UBound(r) - 1)
   Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter     field:=1,     Criteria1:=r,
Operator:=xlFilterValues
   End If
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True
'find lastrow
lastrow = Application.ThisWorkbook.Worksheets("MainData").Cells(Rows.Count, 1).End(xlUp).Row
'clear lisbox
Me.ListBox6.Clear
Me.ListBox7.Clear
Me.ListBox8.Clear
Me.ListBox9.Clear
'not just one value, but whichever were selected
   For selItm = LBound(Me.ListBox1.List) To UBound(Me.ListBox1.List)
     If Me.ListBox1.Selected(selItm) = True Then
     'it is selected
     curVal = Me.ListBox1.List(selItm, 0)
       For x = 2 To lastrow
         If Application.ThisWorkbook.Worksheets("MainData").Rows(x).Hidden = False Then
           If Application.ThisWorkbook.Worksheets("MainData").Cells(x, "a") = curVal Then
```

```vba
                'found a match; populate listbox
                Me.ListBox6.AddItem Application.ThisWorkbook.Worksheets("MainData").Cells(x, "f")
                End If
            End If
        Next x
    End If
    Next selItm
'........ Remove duplicate item from listbox
Dim k As Long
Dim j As Long
With ListBox6
    For k = 0 To .ListCount - 1
        For j = .ListCount - 1 To (k + 1) Step -1
            If .List(j) = .List(k) Then
            .RemoveItem j
            End If
        Next
    Next
End With
Call EnableNext1
End Sub
Private Sub ListBox10_Change()
EnableRemove
End Sub
Private Sub ListBox2_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("C12", "C110").ClearContents
Dim i As Integer
    For i = 0 To ListBox2.ListCount - 1
    'Check if the item was selected.
        If ListBox2.Selected(i) Then
        'If here, means this item has been selected.
        'Put all selected items in Column
        Application.ThisWorkbook.Worksheets("MainPage").Range("C"    &    Rows.Count).End(xlUp).Offset(1).Value    =
ListBox2.List(i)
        End If
    Next i
Call EnableNext1
End Sub
Private Sub ListBox3_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("D12", "D110").ClearContents
Dim i As Integer
    For i = 0 To ListBox3.ListCount - 1
    'Check if the item was selected.
        If ListBox3.Selected(i) Then
        'If here, means this item has been selected.
        'Put all selected items in Column
        Application.ThisWorkbook.Worksheets("MainPage").Range("D"    &    Rows.Count).End(xlUp).Offset(1).Value    =
ListBox3.List(i)
        End If
    Next i
Call EnableNext1
End Sub
Private Sub ListBox4_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("E12", "E110").ClearContents
```

```vba
Dim i As Integer
    For i = 0 To ListBox4.ListCount - 1
    'Check if the item was selected.
       If ListBox4.Selected(i) Then
       'If here, means this item has been selected.
       'Put all selected items in Column
       Application.ThisWorkbook.Worksheets("MainPage").Range("E"      &      Rows.Count).End(xlUp).Offset(1).Value    =
ListBox4.List(i)
       End If
    Next i
Call EnableNext1
End Sub
Private Sub ListBox5_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("F12", "F110").ClearContents
Dim i As Integer
    For i = 0 To ListBox5.ListCount - 1
    'Check if the item was selected.
       If ListBox5.Selected(i) Then
       'If here, means this item has been selected.
       'Put all selected items in Column
       Application.ThisWorkbook.Worksheets("MainPage").Range("F"      &      Rows.Count).End(xlUp).Offset(1).Value    =
ListBox5.List(i)
       End If
    Next i
Call EnableNext1
End Sub
Private Sub ListBox6_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("G12", "J110").ClearContents
Dim i As Integer
    For i = 0 To ListBox6.ListCount - 1
    'Check if the item was selected.
       If ListBox6.Selected(i) Then
       'If here, means this item has been selected.
       'Put all selected items in Column
       Application.ThisWorkbook.Worksheets("MainPage").Range("G"      &      Rows.Count).End(xlUp).Offset(1).Value    =
ListBox6.List(i)
       End If
    Next i
Dim r() As String
Dim n As Integer
ReDim r(0)
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
'reset any pre-existing filters
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=8
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=7
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=6
ReDim r(0)
    For n = 0 To ListBox6.ListCount - 1
       If Me.ListBox6.Selected(n) Then
       r(UBound(r)) = Me.ListBox6.List(n)
       ReDim Preserve r(UBound(r) + 1)
       End If
    Next n
    If UBound(r) <> 0 Then
```

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    ReDim Preserve r(UBound(r) - 1)
    Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter          field:=6,          Criteria1:=r,
Operator:=xlFilterValues
    End If
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True
'find lastrow
lastrow = Application.ThisWorkbook.Worksheets("MainData").Cells(Rows.Count, 6).End(xlUp).Row
'clear lisbox
Me.ListBox7.Clear
Me.ListBox8.Clear
Me.ListBox9.Clear
'not just one value, but whichever were selected
    For selItm = LBound(Me.ListBox6.List) To UBound(Me.ListBox6.List)
        If Me.ListBox6.Selected(selItm) = True Then
        'it is selected
        curVal = Me.ListBox6.List(selItm, 0)
            For x = 2 To lastrow
                If Application.ThisWorkbook.Worksheets("MainData").Rows(x).Hidden = False Then
                    If Application.ThisWorkbook.Worksheets("MainData").Cells(x, "f") = curVal Then
                    'found a match; populate listbox
                    Me.ListBox7.AddItem Application.ThisWorkbook.Worksheets("MainData").Cells(x, "g")
                    End If
                End If
            Next x
        End If
    Next selItm
'........ Remove duplicate item from listbox
Dim k As Long
Dim j As Long
With ListBox7
    For k = 0 To .ListCount - 1
        For j = .ListCount - 1 To (k + 1) Step -1
            If .List(j) = .List(k) Then
            .RemoveItem j
            End If
        Next
    Next
End With
Call EnableNext1
End Sub
Private Sub ListBox7_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("H12", "J110").ClearContents
Dim i As Integer
    For i = 0 To ListBox7.ListCount - 1
    'Check if the item was selected.
        If ListBox7.Selected(i) Then
        'If here, means this item has been selected.
        'Put all selected items in Column
        Application.ThisWorkbook.Worksheets("MainPage").Range("H"     &     Rows.Count).End(xlUp).Offset(1).Value     =
ListBox7.List(i)
        End If
    Next i
Dim r() As String
Dim n As Integer
ReDim r(0)
```

```vba
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
'reset any pre-existing filters
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=8
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=7
ReDim r(0)
    For n = 0 To ListBox7.ListCount - 1
        If Me.ListBox7.Selected(n) Then
        r(UBound(r)) = Me.ListBox7.List(n)
        ReDim Preserve r(UBound(r) + 1)
        End If
    Next n
    If UBound(r) <> 0 Then
    ReDim Preserve r(UBound(r) - 1)
    Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter          field:=7,          Criteria1:=r,
Operator:=xlFilterValues
    End If
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True
'find lastrow
lastrow = Application.ThisWorkbook.Worksheets("MainData").Cells(Rows.Count, 7).End(xlUp).Row
'clear lisbox
Me.ListBox8.Clear
Me.ListBox9.Clear
'not just one value, but whichever were selected
    For selItm = LBound(Me.ListBox7.List) To UBound(Me.ListBox7.List)
        If Me.ListBox7.Selected(selItm) = True Then
        'it is selected
        curVal = Me.ListBox7.List(selItm, 0)
            For x = 2 To lastrow
                If Application.ThisWorkbook.Worksheets("MainData").Rows(x).Hidden = False Then
                    If Application.ThisWorkbook.Worksheets("MainData").Cells(x, "g") = curVal Then
                    'found a match; populate listbox
                    Me.ListBox8.AddItem Application.ThisWorkbook.Worksheets("MainData").Cells(x, "h")
                    End If
                End If
            Next x
        End If
    Next selItm
'........ Remove duplicate item from listbox
Dim k As Long
Dim j As Long
With ListBox8
    For k = 0 To .ListCount - 1
        For j = .ListCount - 1 To (k + 1) Step -1
            If .List(j) = .List(k) Then
            .RemoveItem j
            End If
        Next
    Next
End With
Call EnableNext1
End Sub
Private Sub ListBox8_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("I12", "J110").ClearContents
Dim i As Integer
```

```vba
    For i = 0 To ListBox8.ListCount - 1
    'Check if the item was selected.
      If ListBox8.Selected(i) Then
      'If here, means this item has been selected.
      'Put all selected items in Column
      Application.ThisWorkbook.Worksheets("MainPage").Range("I"    &    Rows.Count).End(xlUp).Offset(1).Value    =
ListBox8.List(i)
      End If
    Next i
Dim r() As String
Dim n As Integer
ReDim r(0)
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
'reset any pre-existing filters
Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter field:=8
ReDim r(0)
    For n = 0 To ListBox8.ListCount - 1
      If Me.ListBox8.Selected(n) Then
      r(UBound(r)) = Me.ListBox8.List(n)
      ReDim Preserve r(UBound(r) + 1)
      End If
    Next n
    If UBound(r) <> 0 Then
    ReDim Preserve r(UBound(r) - 1)
    Application.ThisWorkbook.Worksheets("MainData").Range("A1:L600").AutoFilter    field:=8,    Criteria1:=r,
Operator:=xlFilterValues
    End If
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True
'find lastrow
lastrow = Application.ThisWorkbook.Worksheets("MainData").Cells(Rows.Count, 8).End(xlUp).Row
'clear lisbox
Me.ListBox9.Clear
'not just one value, but whichever were selected
    For selItm = LBound(Me.ListBox8.List) To UBound(Me.ListBox8.List)
      If Me.ListBox8.Selected(selItm) = True Then
      'it is selected
      curVal = Me.ListBox8.List(selItm, 0)
        For x = 2 To lastrow
          If Application.ThisWorkbook.Worksheets("MainData").Rows(x).Hidden = False Then
            If Application.ThisWorkbook.Worksheets("MainData").Cells(x, "h") = curVal Then
            'found a match; populate listbox
            Me.ListBox9.AddItem Application.ThisWorkbook.Worksheets("MainData").Cells(x, "i")
            End If
          End If
        Next x
      End If
    Next selItm
'........ Remove duplicate item from listbox
Dim k As Long
Dim j As Long
With ListBox9
    For k = 0 To .ListCount - 1
      For j = .ListCount - 1 To (k + 1) Step -1
        If .List(j) = .List(k) Then
        .RemoveItem j
```

```vba
        End If
      Next
    Next
  End With
Call EnableNext1
End Sub
Private Sub ListBox9_Change()
Dim lastrow
Application.ThisWorkbook.Worksheets("MainPage").Range("J12", "J110").ClearContents
Dim i As Integer
    For i = 0 To ListBox9.ListCount - 1
    'Check if the item was selected.
      If ListBox9.Selected(i) Then
      'If here, means this item has been selected.
      'Put all selected items in Column
      Application.ThisWorkbook.Worksheets("MainPage").Range("J"      &      Rows.Count).End(xlUp).Offset(1).Value      =
ListBox9.List(i)
      End If
    Next i
Call EnableNext1
End Sub
Private Sub MultiPage1_Change()
    If MultiPage1.Value = 0 Then
    CommandButton1.Enabled = False
    End If
    If MultiPage1.Value = 3 Then
    CommandButton2.Enabled = False
    End If
TextBox2.Value = Application.ThisWorkbook.Worksheets("MainPage").Range("L5").Value
Label12.Caption    =    Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("M2").Value    &    "    "    &
MultiPage1.Value + 1 & " " & Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("N2").Value & " " & 4
End Sub
Private Sub TextBox1_Change()
Application.ThisWorkbook.Worksheets("MainPage").Range("K12", "K110").ClearContents
Application.ThisWorkbook.Worksheets("MainPage").Range("K"      &      Rows.Count).End(xlUp).Offset(1).Value      =
TextBox1.Value
End Sub
Private Sub TextBox3_Change()
    If Len(TextBox3.Text) = 9 Then
    CommandButton27.Enabled = True
      Else
      CommandButton27.Enabled = False
    End If
End Sub
Private Sub TextBox3_KeyPress(ByVal KeyAscii As MSForms.ReturnInteger)
    If Not (KeyAscii >= 48 And KeyAscii <= 57) Then
    KeyAscii = 0
    End If
End Sub
Private Sub UserForm_Initialize()
Me.MultiPage1.Value = 0
MultiPage1.Style = fmTabStyleNone
Label1.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("B2").Value
Label2.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("C2").Value
Label3.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("D2").Value
Label4.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("E2").Value
Label5.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("F2").Value
```

```vba
Label6.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("G2").Value
Label7.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("H2").Value
Label8.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("I2").Value
Label9.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("J2").Value
Label10.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("K2").Value
Label11.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("L2").Value
Label12.Caption     =     Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("M2").Value     &     "  "    &
MultiPage1.Value + 1 & " " & Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("N2").Value & " " & 4
Label13.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("O2").Value
Label14.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("P2").Value
Label15.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("Q2").Value
Label16.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("R2").Value
Label18.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("T2").Value
Label20.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("U2").Value
CommandButton1.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AA2").Value
CommandButton2.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AB2").Value
CommandButton3.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton4.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton5.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton6.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton7.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton8.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton9.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton10.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton11.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton12.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton13.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton14.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton15.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton16.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton17.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton18.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton19.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AC2").Value
CommandButton20.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AD2").Value
CommandButton21.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AE2").Value
CommandButton24.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AH2").Value
CommandButton25.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AI2").Value
CommandButton27.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AK2").Value
CommandButton28.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AL2").Value
CommandButton1.Enabled = False
Dim ComputerName, UserName As String
'Getting computer name
ComputerName = Environ("computername")
'Getting user name
UserName = Environ("username")
Label17.Caption = UserName
Application.ThisWorkbook.Worksheets("MainPage").Range("DD2").Value = UserName
End Sub
Private Sub UserForm_QueryClose(Cancel As Integer, CloseMode As Integer)
    If CloseMode = 0 Then
    Cancel = True
    UserForm4.Show
    End If
End Sub
Public Function EnableNext1()
Application.Calculate
    If Application.ThisWorkbook.Worksheets("MainPage").Range("CA2").Value = 4 And MultiPage1.Value = 0 Then
```

```vba
        CommandButton2.Enabled = True
        Else
        If Application.ThisWorkbook.Worksheets("MainPage").Range("CB2").Value = 3 And MultiPage1.Value = 1 Then
        CommandButton2.Enabled = True
            Else
            If Application.ThisWorkbook.Worksheets("MainPage").Range("CC2").Value = 2 And MultiPage1.Value = 2 Then
            CommandButton2.Enabled = True
                Else
                CommandButton2.Enabled = False
            End If
        End If
    End If
End Function
Public Function EnableRemove()
    For i = 0 To ListBox10.ListCount - 1
        If ListBox10.Selected(i) = True Then
        Numselections = Numselections + 1
        End If
    Next i
    If Numselections >= 1 Then
    CommandButton28.Enabled = True
        Else
        CommandButton28.Enabled = False
    End If
End Function
Public Function NumberList()
Application.ThisWorkbook.Worksheets("MainPage").Range("M12", "M110").ClearContents
Dim i As Integer
    For i = 0 To ListBox10.ListCount - 1
    'Put all selected items in Column
    Application.ThisWorkbook.Worksheets("MainPage").Range("M"      &      Rows.Count).End(xlUp).Offset(1).Value      =
ListBox10.List(i)
    Next i
End Function
```

UseForm2

```
Private Sub UserForm_Initialize()
Label50.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("BA2").Value
Label51.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("BB2").Value
Label52.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("BC2").Value
Label53.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("BD2").Value
End Sub
```

UseForm3

```
Private Sub UserForm_Initialize()
Label100.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("DA2").Value
Label101.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("DB2").Value
Label102.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("DC2").Value
Label103.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("DD2").Value
Label104.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("DE2").Value
End Sub
```

UseForm4

```vba
Private Sub CommandButton150_Click()
Application.ThisWorkbook.Close savechanges:=False
End Sub
Private Sub CommandButton151_Click()
Load UserForm1
Unload UserForm4
End Sub
Private Sub UserForm_Initialize()
Label150.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("EA2").Value
Label151.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("EB2").Value
CommandButton150.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("EC2").Value
CommandButton151.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("ED2").Value
End Sub
```

UseForm5

```
Private Sub UserForm_Initialize()
Label200.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("FA2").Value
End Sub
```

UseForm6

```
Private Sub UserForm_Initialize()
Label250.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("GA2").Value
End Sub
```

UseForm7

```vba
Private Sub CommandButton26_Click()
Dim Pass As String
Pass = "rp06960"
Application.ThisWorkbook.Worksheets("MainPage").Range("EA5").Copy
Application.ThisWorkbook.Worksheets("MainPage").Range("EA6").PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
    :=False, Transpose:=False
Application.CutCopyMode = False
Dim IntialName As String
IntialName = Application.ThisWorkbook.Worksheets("MainPage").Range("EA6").Value
    If TextBox4.Value = Pass Then
    Label301.Visible = False
    Dim exWB As Workbook
    Dim strFileName As String
    Dim strFileExists As String
    strFileName = "\\172.19.16.10\RighTel\Chief Commercial Officer\Customer Operation-Director\Customer Operation
Support\Training\ReportProblemsBackEnd.xlsx"
    On Error GoTo errorone
    strFileExists = Dir(strFileName)
        If strFileExists = "" Then
errorone:
        UserForm6.Show
        Else
        Application.ScreenUpdating = False
        Set exWB = Workbooks.Open("\\172.19.16.10\RighTel\Chief Commercial Officer\Customer Operation-
Director\Customer Operation Support\Training\ReportProblemsBackEnd.xlsx")
        Workbooks("ReportProblemsBackEnd.xlsx").Worksheets("ReportProblemsTable").Visible = xlSheetVisible
        Dim sFileSaveName As Variant
        sFileSaveName = Application.GetSaveAsFilename(InitialFileName:="C:\Documents\Overtime Files\" & IntialName, _
fileFilter:="Excel Files (*.xlsx), *.xlsx")
            If sFileSaveName <> False Then
            Workbooks("ReportProblemsBackEnd.xlsx").SaveAs sFileSaveName
            Unload UserForm7
            UserForm8.Show
            End If
            'Close Workbook, remove from memory
            exWB.Close True
            Set exWB = Nothing
            'Unhide action from users
            Application.ScreenUpdating = True
        End If
    ElseIf TextBox4.Value <> Pass And TextBox4.Value <> "" Then
Label301.Visible = True
Label301.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("HB2").Value
    ElseIf TextBox4.Value = "" Then
    Label301.Visible = True
    Label301.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("HC2").Value
    End If
End Sub
Private Sub UserForm_Initialize()
Label300.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("HA2").Value
CommandButton26.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("AJ2").Value
TextBox4.SetFocus
End Sub
```

UseForm8

```
Private Sub UserForm_Initialize()
Label350.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("IA2").Value
End Sub
```

UseForm9

```vba
Private Sub UserForm_Initialize()
Label400.Caption = Application.ThisWorkbook.Worksheets("ToUseInUserForm").Range("JA2").Value
End Sub
```