

mod01_v1.3_OK.bas

```
Attribute VB_Name = "mod01"  
Option Explicit
```

```
Global Const rmv_modeInitial As Integer = 1  
Global Const rmv_modeCreation As Integer = 2  
Global Const rmv_modeAffichage As Integer = 3  
Global Const rmv_modeModification As Integer = 4
```

```
Global rmv_state As Integer
```

```
Global savedClient As String  
Global savedActivite As String  
Global savedHeures As String  
Global savedFacturable As Boolean  
Global savedCommNote As String
```

```
Sub FilterProfDate()
```

```
    'Minimum - Professionnel + Date  
    If Trim(frmSaisieHeures.cmbProfessionnel.value) = "" Or _  
        Trim(frmSaisieHeures.txtDate.value) = "" Then  
        Exit Sub  
    End If
```

```
    'Date in the appropriate format (AAAA-MM-JJ)  
    Dim dateUSFormatted As String  
    dateUSFormatted = Format(CDate(frmSaisieHeures.txtDate.value),  
"m/d/yyyy")
```

```
    'Base worksheet (Heures) contains all entries  
    Dim sh As Worksheet  
    Set sh = ThisWorkbook.Sheets("Heures")  
    sh.AutoFilterMode = False
```

```
    'Once filtered, worksheet should only show the filtered  
records
```

```
    Dim shFiltered As Worksheet  
    Set shFiltered = ThisWorkbook.Sheets("HeuresFiltered")  
    shFiltered.UsedRange.Clear  
    'shFiltered.Activate
```

```
    sh.Activate  
    With sh.UsedRange  
        .AutoFilter Field:=2, Criterial:=frmSaisieHeures.  
cmbProfessionnel.value  
        .AutoFilter Field:=3, Operator:=xlFilterValues, _  
            Criteria2:=Array(2, dateUSFormatted)  
        .AutoFilter Field:=12, Criterial:="FAUX"  
    End With
```

```

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        .AutoFilter Field:=3, Operator:=xlFilterValues, _
            Criteria2:=Array(2, dateUSFormatted)
        .AutoFilter Field:=12, Criterial1:="FAUX"
End With

sh.UsedRange.Select
sh.UsedRange.Copy shFiltered.Range("A1")

shFiltered.Activate

sh.Activate
sh.AutoFilterMode = False
sh.ShowAllData

End Sub

Sub ImportClientsList() '----- 'v1.0 -
2023-03-23 @ 07:40

    'Delete all cells, but the headers in the current worksheet
    shImportedClients.Range("A1").CurrentRegion.Offset(1, 0).
Clear

    'Source workbook (closed Excel file) - MUST BE IN THE SAME
DIRECTORY
    Dim sourceWorkbook As String
    Dim sourceWorksheet As String
    sourceWorkbook = ThisWorkbook.Path & Application.
PathSeparator & _
        "GCF_Clients.xlsx"
    sourceWorksheet = "Clients"

    'ADODB connection
    Dim connStr As ADODB.Connection
    Set connStr = New ADODB.Connection

    'Connection String specific to EXCEL
    connStr.ConnectionString = _
        "Provider = Microsoft.ACE.OLEDB.12.0;" & _
        "Data Source = " & sourceWorkbook & ";" & _
        "Extended Properties = 'Excel 12.0 Xml; HDR = YES';"
    connStr.Open

    'Recordset
    Dim recSet As ADODB.Recordset
    Set recSet = New ADODB.Recordset

    recSet.ActiveConnection = connStr
    recSet.Source = "SELECT * FROM [" & sourceWorksheet & "$]"

```

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```
Set recSet = New ADODB.Recordset

recSet.ActiveConnection = connStr
recSet.Source = "SELECT * FROM [" & sourceWorksheet & "$]"
recSet.Open

'Copy to destination workbook (actual) into the 'Top2000'
worksheet
shImportedClients.Range("A2").CopyFromRecordset recSet
shImportedClients.Range("A1").CurrentRegion.EntireColumn.
AutoFit

'Close resource
recSet.Close
connStr.Close

MsgBox _
    Prompt:="J'ai un total de " & _
    Format(shImportedClients.Range("A1").CurrentRegion.Rows.
count - 1, _
    "## ##0") & " clients", _
    Title:="Vérification du nombre de clients", _
    Buttons:=vbInformation

End Sub

Sub ImportClientsListBad()

'Delete all cells, but the headers in the destination
worksheet
shImportedClients.Range("A1").CurrentRegion.Offset(1, 0).
Clear

'Source workbook (closed Excel file) - MUST BE IN THE SAME
DIRECTORY
Dim sourceWorkbook, sourceWorksheet As String
sourceWorkbook = ThisWorkbook.Path & Application.
PathSeparator & _
    "GCF_Clients.xlsx"
sourceWorksheet = "Clients"

'ADODB connection
Dim connStr As ADODB.Connection
Set connStr = New ADODB.Connection

'Connection String specific to EXCEL
connStr.ConnectionString = _
    "Provider = Microsoft.ACE.OLEDB.12.0;" & _
    "Data Source = " & sourceWorkbook & ";" & _
```

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```
'Connection String specific to EXCEL
connStr.ConnectionString = _
    "Provider = Microsoft.ACE.OLEDB.12.0;" & _
    "Data Source = " & sourceWorkbook & ";" & _
    "Extended Properties = 'Excel 12.0 Xml; HDR = YES';"
connStr.Open

'Recordset
Dim recSet As ADODB.Recordset
Set recSet = New ADODB.Recordset

recSet.ActiveConnection = connStr
recSet.Source = "SELECT Name FROM [" & sourceWorksheet & "$]"

recSet.Open

'Copy to destination workbook (actual) into the 'Top2000'
worksheet
shImportedClients.Range("A2").CopyFromRecordset recSet
shImportedClients.Range("A1").CurrentRegion.EntireColumn.
AutoFit
MsgBox "Il y a un total de " & _
    Format(shImportedClients.Range("A1").CurrentRegion.
Rows.count - 1, _
    "## #0") & " clients"

'Close resource
recSet.Close
connStr.Close

End Sub

'*****
EffaceFormulaire
Sub EffaceFormulaire()

'Empty the dynamic fields after resetting the form
With frmSaisieHeures
    .txtClient.value = ""
    .txtActivite.value = ""
    .txtHeures.value = ""
    .txtCommNote.value = ""
    .cmbProfessionnel.Enabled = True
    .txtDate.Enabled = True
End With

Call FilterProfDate
Call RefreshListBox
```

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```
Call FilterProfDate
Call RefreshListBox
```

```
With frmSaisieHeures
    .cmdClear.Enabled = False
    .cmdAdd.Enabled = False
    .cmdDelete.Enabled = False
    .cmdUpdate.Enabled = False
End With
```

```
frmSaisieHeures.txtClient.SetFocus
```

```
End Sub
```

```
'*****
```

```
AjouteLigneDetail
```

```
Sub AjouteLigneDetail()
```

```
Dim sh As Worksheet
Set sh = ThisWorkbook.Sheets("Heures")
```

```
Dim lastRow As Long
lastRow = Application.WorksheetFunction.CountA(sh.Range("A:A"
))
```

```
'Validations first (one field at a time)
If frmSaisieHeures.cmbProfessionnel.value = "" Then
    MsgBox _
        Prompt:="Le professionnel est OBLIGATOIRE !", _
        Title:="Vérification", _
        Buttons:=vbCritical
    frmSaisieHeures.cmbProfessionnel.SetFocus
    Exit Sub
End If
```

```
If frmSaisieHeures.txtDate.value = "" Or _
    IsDate(frmSaisieHeures.txtDate.value) = False Then
    MsgBox _
        Prompt:="La date est OBLIGATOIRE !", _
        Title:="Vérification", _
        Buttons:=vbCritical
    frmSaisieHeures.txtDate.SetFocus
    Exit Sub
End If
```

```
If frmSaisieHeures.txtClient.value = "" Then
    MsgBox _
```

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End If

If frmSaisieHeures.txtClient.value = "" Then

MsgBox _

Prompt:="Le client est OBLIGATOIRE !", _

Title:="Vérification", _

Buttons:=vbCritical

frmSaisieHeures.txtClient.SetFocus

Exit Sub

End If

If frmSaisieHeures.txtHeures.value = "" Or _

IsNumeric(frmSaisieHeures.txtHeures.value) = False Then

MsgBox _

Prompt:="Le nombre d'heures est OBLIGATOIRE !", _

Title:="Vérification", _

Buttons:=vbCritical

frmSaisieHeures.txtHeures.SetFocus

Exit Sub

End If

Dim formattedDate As Date

formattedDate = CDate(frmSaisieHeures.txtDate.value)

'Load the cmb & txt into the 'Heures' worksheet

With sh

.Range("A" & lastRow + 1).value = "=row()-1"

.Range("B" & lastRow + 1).value = frmSaisieHeures.

cmbProfessionnel.value

.Range("C" & lastRow + 1).value = Format(formattedDate, "dd/mm/yyyy")

.Range("D" & lastRow + 1).value = frmSaisieHeures.

txtClient.value

.Range("E" & lastRow + 1).value = frmSaisieHeures.

txtActivite.value

.Range("F" & lastRow + 1).value = Format(frmSaisieHeures.txtHeures.value, "#0.00")

.Range("G" & lastRow + 1).value = frmSaisieHeures.

txtCommNote.value

.Range("H" & lastRow + 1).value = frmSaisieHeures.

chbFacturable.value

.Range("I" & lastRow + 1).value = Now

.Range("J" & lastRow + 1).value = False

.Range("K" & lastRow + 1).value = ""

.Range("L" & lastRow + 1).value = False

End With

'Empty the fields after saving

frmSaisieHeures.txtClient.value = ""

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End With

```
'Empty the fields after saving
frmSaisieHeures.txtClient.value = ""
frmSaisieHeures.txtActivite.value = ""
frmSaisieHeures.txtHeures.value = ""
frmSaisieHeures.txtCommNote.value = ""
```

```
Call FilterProfDate
Call RefreshListBox
```

```
With frmSaisieHeures
    .cmdClear.Enabled = False
    .cmdAdd.Enabled = False
    .cmdUpdate.Enabled = False
End With
```

```
frmSaisieHeures.txtClient.SetFocus
```

End Sub

ModifieLigneDetail

Sub ModifieLigneDetail()

```
    If frmSaisieHeures.txtID.value = "" Then
        MsgBox _
            Prompt:="Vous devez choisir un enregistrement à
modifier !", _
            Title:="", _
            Buttons:=vbCritical
        Exit Sub
    End If
```

```
'Validations first (one field at a time)
```

```
If frmSaisieHeures.cmbProfessionnel.value = "" Then
    MsgBox _
        Prompt:="Le professionnel est OBLIGATOIRE !", _
        Title:="Vérification", _
        Buttons:=vbCritical
    frmSaisieHeures.cmbProfessionnel.SetFocus
    Exit Sub
End If
```

```
If frmSaisieHeures.txtDate.value = "" Or _
    IsDate(frmSaisieHeures.txtDate.value) = False Then
    MsgBox _
        Prompt:="La date est OBLIGATOIRE !", _
        Title:="Vérification", _
```

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```
IsDate(frmSaisieHeures.txtDate.value) = False Then
MsgBox _
    Prompt:="La date est OBLIGATOIRE !", _
    Title:="Vérification", _
    Buttons:=vbCritical
frmSaisieHeures.txtDate.SetFocus
Exit Sub
End If

If frmSaisieHeures.txtClient.value = "" Then
MsgBox _
    Prompt:="Le client est OBLIGATOIRE !", _
    Title:="Vérification", _
    Buttons:=vbCritical
frmSaisieHeures.txtClient.SetFocus
Exit Sub
End If

If frmSaisieHeures.txtHeures.value = "" Or _
IsNumeric(frmSaisieHeures.txtHeures.value) = False Then
MsgBox _
    Prompt:="Le nombre d'heures est OBLIGATOIRE !", _
    Title:="Vérification", _
    Buttons:=vbCritical
frmSaisieHeures.txtHeures.SetFocus
Exit Sub
End If

Dim sh As Worksheet
Set sh = ThisWorkbook.Sheets("Heures")

Dim selectedRow As Long
selectedRow = Application.WorksheetFunction.Match(CLng(
frmSaisieHeures.txtID.value), _
    sh.Range("A:A"), 0)

With frmSaisieHeures
    sh.Range("B" & selectedRow).value = .cmbProfessionnel.
value
    sh.Range("C" & selectedRow).value = Format(.txtDate.
value, "dd-mm-yyyy")
    sh.Range("D" & selectedRow).value = .txtClient.value
    sh.Range("E" & selectedRow).value = .txtActivite.value
    sh.Range("F" & selectedRow).value = Format(.txtHeures.
value, "#0.00")
    sh.Range("G" & selectedRow).value = .txtCommNote.value
    sh.Range("H" & selectedRow).value = .chbFacturable.value
    sh.Range("I" & selectedRow).value = Now
    sh.Range("J" & selectedRow).value = False
End With
```


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```
sh.Range("G" & selectedRow).value = .txtCommNote.value
sh.Range("H" & selectedRow).value = .chbFacturable.value
sh.Range("I" & selectedRow).value = Now
sh.Range("J" & selectedRow).value = False
sh.Range("K" & selectedRow).value = ""
sh.Range("L" & selectedRow).value = False

frmSaisieHeures.txtClient.value = ""
frmSaisieHeures.txtActivite.value = ""
frmSaisieHeures.txtHeures.value = ""
frmSaisieHeures.txtCommNote.value = ""
End With

'Empty the fields after modifying

Call FilterProfDate
Call RefreshListBox

frmSaisieHeures.txtClient.SetFocus

End Sub

'*****
EffaceLigneDetail
Sub EffaceLigneDetail()

    If frmSaisieHeures.txtID.value = "" Then
        MsgBox _
            Prompt:="Vous devez choisir un enregistrement à
DÉTRUIRE !", _
            Title:="", _
            Buttons:=vbCritical
        Exit Sub
    End If

    Dim answerYesNo As Integer
    answerYesNo = MsgBox("Êtes-vous certain de vouloir DÉTRUIRE
cet enregistrement ? ", _
        vbYesNo + vbQuestion, "Confirmation de
DESTRUCTION")
    If answerYesNo = vbNo Then
        MsgBox _
            Prompt:="Cet enregistrement ne sera PAS détruit ! ",
_
            Title:="Confirmation", _
            Buttons:=vbCritical
        Exit Sub
    End If
```

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```
Buttons:=vbCritical
Exit Sub
End If

Dim sh As Worksheet
Set sh = ThisWorkbook.Sheets("Heures")

Dim selectedRow As Long
selectedRow = Application.WorksheetFunction.Match(CLng(
frmSaisieHeures.txtID.value), _
sh.Range("A:A"), 0)

'Assign 'VRAI' to column 12, since it is deleted
sh.Range("I" & selectedRow).value = Now
sh.Range("L" & selectedRow).value = True
' Cells(selectedRow, 9) = Now
' Cells(selectedRow, 12) = True

'Empty the dynamic fields after deleting
With frmSaisieHeures
.txtClient.value = ""
.txtActivite.value = ""
.txtHeures.value = ""
.txtCommNote.value = ""
End With

MsgBox _
Prompt:="L'enregistrement a été DÉTRUIT !", _
Title:="Confirmation", _
Buttons:=vbCritical

Call FilterProfDate
Call RefreshListBox

frmSaisieHeures.txtClient.SetFocus

End Sub

'***** Reload listBox from HeuresFiltered and
reset the buttons
Sub RefreshListBox()

If Trim(frmSaisieHeures.cmbProfessionnel) = "" _
Or Trim(frmSaisieHeures.txtDate) = "" Then
GoTo EndOfProcedure
End If

frmSaisieHeures.txtTotalHeures.value = ""
```

```

End If

frmSaisieHeures.txtTotalHeures.value = ""

Dim shFiltered As Worksheet
Set shFiltered = ThisWorkbook.Sheets("HeuresFiltered")
shFiltered.Activate

'Last Row used in column A
Dim lastRow As Long
lastRow = Application.WorksheetFunction.CountA(shFiltered.
Range("A:A"))

With frmSaisieHeures.lstData
    .ColumnHeads = True
    .ColumnCount = 9
    .ColumnWidths = "25; 30; 55; 120; 190; 30; 90; 35; 70"

    If lastRow = 1 Then
        .RowSource = "HeuresFiltered!A2:K2"
    Else
        .RowSource = "HeuresFiltered!A2:K" & lastRow
    End If
End With

'Add hours to totalHeures
Dim nbrRows, i As Integer
nbrRows = frmSaisieHeures.lstData.ListCount
Dim totalHeures As Double

If nbrRows > 0 Then
    For i = 0 To nbrRows - 1
        totalHeures = totalHeures + CCur(frmSaisieHeures.
lstData.List(i, 5))
    Next
    frmSaisieHeures.txtTotalHeures.value = Format(
totalHeures, "#0.00")
End If

EndOfProcedure:
    frmSaisieHeures.cmdClear.Enabled = False
    frmSaisieHeures.cmdAdd.Enabled = False
    frmSaisieHeures.cmdUpdate.Enabled = False
    frmSaisieHeures.cmdDelete.Enabled = False

    'frmSaisieHeures.txtClient.SetFocus

End Sub

```

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'frmSaisieHeures.txtClient.SetFocus

End Sub