

VBA SOURCE CODE BOOK

DRAG & DROP FORM BUILDER - UPDATED

DRAG & DROP FORM BUILDER

CLEAR FORM & DATA

EDIT MODE On

Save Add New Delete

Search By:

Name Employee Name Debbie Banes Employee Pic. Pictures\Frida.jpg

Employee Results

Name Fred Fredders Empl. Type Tech Leave Date

David Davis Hire Date 1/10/2022 Salary Amount \$60,000.00

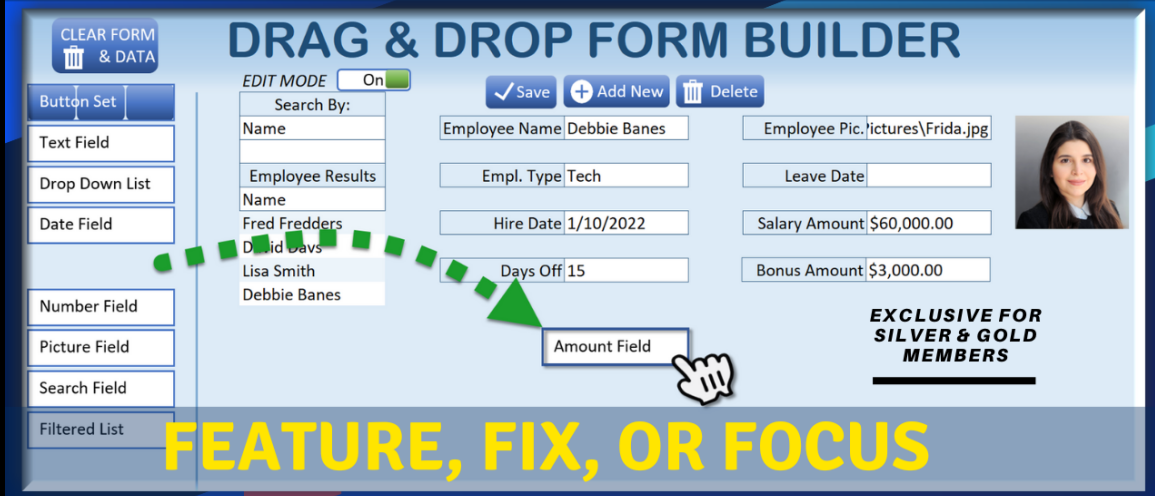
Lisa Smith Days Off 15 Bonus Amount \$3,000.00

Debbie Banes

Amount Field

EXCLUSIVE FOR SILVER & GOLD MEMBERS

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Builder In Excel**



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**VIEW
TRAINING**

by: Randy Austin

ABOUT THE AUTHOR

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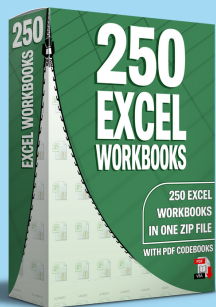
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1 Option Explicit

2

```

1 Option Explicit
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Range("B1" ).Value = True Then Exit Sub
5     If Not Intersect(Target, Range("B1" )) Is Nothing Then Exit Sub
6     Dim SearchFld As String, DBName As String, FilterBy As String
7     SearchFld = Range("B3" ).Value 'Search Field Address
8     If SearchFld = "" Then GoTo SkipSearch
9     FilterBy = Range("B4" ).Value 'Filter By Address
10    If Not Intersect(Target, Range(SearchFld)) Is Nothing And Range("B1" ).Value = False
11        Then
12            If Range("B2" ).Value = Empty Then Exit Sub 'Exit on no Db
13            DBName = Range("B2" ).Value 'Db Name
14            If Target.Value = "" Then Sheets(DBName).Range("AA2" ).ClearContents Else Sheets
15                (DBName).Range("AA2" ).Value = "*" & Target.Value & "*"
16            Record_ListLoad 'Run List load
17        End If
18        If FilterBy = "" Then Exit Sub
19        If Not Intersect(Target, Range(FilterBy)) Is Nothing And Range("B1" ).Value = False
20            Then Record_ListLoad 'Run List load
21        SkipSearch:
22    End Sub
23
24 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
25     If Target.CountLarge > 1 Then Exit Sub
26     If Range("B1" ).Value = True Then Exit Sub
27     Dim RecRng As Range, FiltRng As Range
28     If Range("B16" ).Value = False Then Range("B16" ).Value = True
29     If Shapes("DelFieldBtn" ).Visible = True Then Shapes("DelFieldBtn" ).Visible =
30         msoFalse 'Delete Field Button
31     If Shapes("AddPicBtn" ).Visible = True Then Shapes("AddPicBtn" ).Visible = msoFalse
32         'Add Picture Button
33     If Shapes("AddDocBtn" ).Visible = True Then Shapes("AddDocBtn" ).Visible = msoFalse
34         'Add Document Button
35     If Shapes("EditListBtn" ).Visible = True Then Shapes("EditListBtn" ).Visible =
36         msoFalse 'Edit List Button
37     On Error GoTo NoField
38
39     'On Selection of editable field in Edit Mode
40     If Not Intersect(Target, Range("E2:Z99" )) Is Nothing And Shapes("EditModeBack" ).
41         TextFrame2.TextRange.Text = "On" And InStr(Target.Name.Name, "Form" ) > 0 Then
42         With Shapes("DelFieldBtn" )
43             .Left = Target.Offset(0, 1).Left + 1
44             .Top = Target.Top + -5
45             .Visible = msoCTrue
46         End With
47     End If
48
49     'On Selection Of Picture Field
50     On Error GoTo NoPic
51     If Not Intersect(Target, Range("E2:Z99" )) Is Nothing And InStr(Target.Name.Name,
52         "FormPictr" ) > 0 Then
53         With Shapes("AddPicBtn" )
54             .Left = Target.Offset(0, 1).Left + 1
55             .Top = Target.Top + 2
56             .Visible = msoCTrue
57         End With

```

```

1 2
52     NoPic:
53     End If
54
55     'On Selection Of Document Field
56     On Error GoTo NoDoc
57     If Not Intersect(Target, Range("E2:Z99" )) Is Nothing And InStr(Target.Name.Name,
58     "FormDocmt" ) > 0 Then
59         With Shapes("AddDocBtn" )
60             .Left = Target.Offset(0, 1).Left + 1
61             .Top = Target.Top + 2
62             .Visible = msoCTrue
63         End With
64     NoDoc:
65     End If
66
67     NoField:
68
69     If Range("B4" ).Value = "" Then Exit Sub
70     'On Selection of Record, load record3
71     On Error Resume Next
72     Set FiltRng = Range(Range("B4" ).Value) 'Filter Range
73     Set RecRng = Range(Cells(FiltRng.Offset(1, 0).Row, FiltRng.Column), Cells(FiltRng.
74     Offset(999, 0).Row, FiltRng.Column))
75     On Error GoTo 0
76     If RecRng Is Nothing Then Exit Sub
77     If Not Intersect(Target, RecRng) Is Nothing Then
78         If Cells(Target.Row, Target.Column - 1).Value = Empty Then Exit Sub 'Exit on no
79         record ID
80         Range("B5" ).Value = Cells(Target.Row, Target.Column - 1).Value
81         Range("B8" ).Value = Target.Row
82         Record_Load
83     End If
84
85     'On Selection of any cell with a drop down list (data Validation)
86     If Not Intersect(Target, Range("E2:Z99" )) Is Nothing Then
87         CheckForValidation
88     End If
89 End Sub

```

1 Option Explicit

2

1 Option Explicit

2

```
1 Option Explicit
2
3 Private Sub OKBtn_Click()
4     Dim ListNumb As Long, ListCol As Long, ItemNumb As Long, ListRow As Long
5     Dim DbShtNm As String, ListItems() As String
6     If DropDown.ListItems.Value = "" Then
7         If MsgBox("You have not added any list items, are you sure you want to
8             continue?" , vbYesNo, "Missing Items" ) = vbNo Then Exit Sub
9     End If
10    DbShtNm = Form.Range("B2" ).Value 'Database Sheet Name
11    If Form.Range("B11" ).Value = False Then 'New List
12        ListCol = Sheets(DbShtNm).Range("BZ1" ).End(xlToLeft).Column + 1
13        If ListCol < 53 Then ListCol = 53 'Set List Column
14        ListNumb = ListCol - 52 'Set List Number
15        ThisWorkbook.Names.Add Name:="FieldList" & ListNumb, RefersTo:= _
16            "=Offset('" & DbShtNm & "'!'" & Sheets(DbShtNm).Cells(1, ListCol).Address &
17            ",1,,COUNTA('" & _
18            DbShtNm & "'!'" & Sheets(DbShtNm).Cells(1, ListCol).Address & ":" & Sheets(
19            DbShtNm).Cells(99, ListCol).Address & _
20            ")-1,1)" 'Create Dynamic Named Range
21        Sheets(DbShtNm).Cells(1, ListCol).Value = "List" & ListNumb 'Set List Name
22    Else 'Existing List
23        ListCol = Sheets(DbShtNm).Range("BA1:BZ1" ).Find(DropDown.ListName, , xlValues,
24            xlWhole).Column
25    End If
26
27    ListItems = Split(DropDown.ListItems, "," ) 'Create List Items Array
28    Range(Sheets(DbShtNm).Cells(2, ListCol), Sheets(DbShtNm).Cells(999, ListCol)).
29    ClearContents 'Clear Previous Data
30    ListRow = 2 'Set Intial List Row #
31    For ItemNumb = 0 To UBound(ListItems)
32        Sheets(DbShtNm).Cells(ListRow, ListCol).Value = ListItems(ItemNumb) 'Set List
33        Item
34        ListRow = ListRow + 1
35    Next ItemNumb
36    Unload Me
37    DropDown.Hide
38 End Sub
```

```

1 Option Explicit
2 Sub ClearForm()
3     Dim FormName As Name
4     Dim PicShape As Shape
5     If MsgBox("Are you sure you want to delete this form and ALL of the data?" , vbYesNo
6         , "Clear Form & ALL Data" ) = vbNo Then Exit Sub
7     With Form
8         .Range("B1" ).Value = True 'Set Search & filter To True
9         Application.DisplayAlerts = False
10        On Error Resume Next
11        Sheets(.Range("B2" ).Value).Delete
12        On Error GoTo 0
13        For Each PicShape In .Shapes
14            If InStr(PicShape.Name, "RecordPic" ) > 0 Then PicShape.Delete 'Delete all
15            pictures
16        Next PicShape
17        Application.DisplayAlerts = True
18        .Shapes("RecBtnSet" ).Visible = msoFalse
19        .Range("D3:P99" ).Clear
20        .Range("B2:B5,B8" ).ClearContents 'Clear DB Sheet Name
21        .Range("D3:P99" ).Interior.ThemeColor = xlThemeColorAccent5
22        .Range("D3:P99" ).Interior.TintAndShade = 0.799981688894314
23        'Clear Form Named Ranges
24        On Error Resume Next
25        For Each FormName In ThisWorkbook.Names
26            If InStr(FormName.Name, "FormField" ) > 0 Then FormName.Delete
27            If InStr(FormName.Name, "FieldList" ) > 0 Then FormName.Delete
28            If InStr(FormName.Name, "FormPictr" ) > 0 Then FormName.Delete
29        Next FormName
30        On Error Resume Next
31        ThisWorkbook.Names("RecID" ).Delete 'Delete Record ID
32        ThisWorkbook.Names("Fields" ).Delete 'Delete Header Fields
33        'On Error GoTo 0
34        ResetFormShapes
35        .Range("B1" ).Value = False 'Set Search/ Filter to False
36    End With
37 End Sub

```

```

38 Sub EditMode()
39     Dim MovInc As Long, BtnMov As Long
40     Dim FldShp As Shape
41     With Form
42         If .Shapes("EditModeBack" ).TextFrame2.TextRange.Text = "Off" Then 'Turn On
43             .Shapes("EditModeSwitch" ).ShapeStyle = msoShapeStylePreset77 'Turn To Green
44             Color
45             .Shapes("EditModeBack" ).TextFrame2.TextRange.Text = "On"
46             MovInc = 1
47         Else 'Turn Off
48             .Shapes("EditModeSwitch" ).ShapeStyle = msoShapeStylePreset74 'Turn to gray
49             color
50             .Shapes("EditModeBack" ).TextFrame2.TextRange.Text = "Off"
51         End If
52         Application.ScreenUpdating = False
53         For Each FldShp In .Shapes
54             If InStr(FldShp.Name, "FieldType" ) > 0 Then
55                 If .Shapes("EditModeBack" ).TextFrame2.TextRange.Text = "Off" Then FldShp.
56                 Visible = msoFalse Else FldShp.Visible = msoCTrue
57             End If
58         Next FldShp
59     End With

```

1 2 3

```

1 2 3
56     Next FldShp
57
58     For BtnMov = 1 To 29
59         .Shapes("EditModeSwitch" ).Left = .Shapes("EditModeSwitch" ).Left + MovInc
60     Next BtnMov
61     Application.ScreenUpdating = True
62 End With
63 End Sub
64
65 Sub Item_CheckForMove()
66     Dim CountNumb As Long, FieldNumb As Long, DBCol As Long, ListNumb As Long
67     Dim OldLeftPos As Double, OldTopPos As Double, LeftPos As Double, TopPos As Double
68     Dim LabelCell As Range, FieldCell As Range
69     Dim SelShape As Shape
70     Dim DbWkSht As Worksheet
71     Dim DBName As String, FieldType As String, FieldLabel As String
72
73     Dim FoundPos As Range
74     With Form
75         On Error Resume Next
76         Set SelShape = .Shapes("FieldType" & .Range("B12" ).Value) 'Select Shape
77         On Error GoTo 0
78         If SelShape Is Nothing Then Exit Sub
79
80         FieldNumb = .Range("B12" ).Value 'Field Number
81         FieldType = .Range("B13" ).Value 'Field Type
82         OldLeftPos = .Range("B14" ).Value 'Old Left Position
83         OldTopPos = .Range("B15" ).Value 'Old Top Position
84
85
86         For CountNumb = 1 To 100000
87             DoEvents
88             If .Range("B16" ).Value = True Then End
89             TopPos = SelShape.Top 'Current Top Position
90             LeftPos = SelShape.Left 'Current Left Position
91
92             'Check For Field Move
93             If TopPos <> OldTopPos Or LeftPos <> OldLeftPos Then 'Shape has moved
94                 If FieldNumb = 1 Then GoTo SkipCheck 'Button Set
95                 'Check for correct move
96                 If TopPos < .Range("3:3" ).Top Or TopPos > .Range("40:40" ).Top Or LeftPos
97                 < .Range("E:E" ).Left Or LeftPos > .Range("0:0" ).Left Then
98                     MsgBox "Please drag the shape onto the form field"
99                     ResetFormShapes
100                    Exit Sub
101                End If
102                SkipCheck:
103                .Range("B16" ).Value = True
104                'Check For New Database and Create if needed
105                DBName = .Range("B2" ).Value 'Database Name
106                On Error Resume Next
107                Set DbWkSht = Sheets(DBName)
108                On Error Resume Next
109                If DbWkSht Is Nothing Then 'No Database
110                    DBName = InputBox("Please enter a name for your form database, such as
111                    'Customers', 'Employees' or whatever you would like" , "Enter Database
112                    Name" )
113                    If DBName = "" Then
114                        ResetFormShapes 'Reset Form Shapes
115                        Exit Sub

```

```

113 End If
114 .Range("B2" ).Value = DBName
115 Sheets.Add(After:=Sheets("Form" )).Name = DBName 'Add Database Sheet &
Name
116 Sheets("Form" ).Activate
117 Set DbWkSht = Sheets(DBName)
118 DbWkSht.Range("A2" ).Value = DBName 'Set Database Name
119 'Created ID Named Range
120 On Error Resume Next
121 Names("RecID" ).Delete
122 Names("Fields" ).Delete
123 On Error GoTo 0
124 ThisWorkbook.Names.Add Name:="RecID" , RefersTo:="=offset('" & DBName &
"!$A$3,1,,COUNTA('" & DBName & "'!$A$3:$A$9999)-1,1)"
125 ThisWorkbook.Names.Add Name:="Fields" , RefersTo:="=offset('" & DBName
& "'!$A$3,,,,COUNTA('" & DBName & "'!$A$3:$Z$3))"
126 DbWkSht.Range("A3" ).Value = "Rec ID"
127 End If
128
129 'Check For Button Set
130 If FieldType = "Button Set" Then
131 With .Shapes("RecBtnSet" )
132 .Top = TopPos
133 .Left = LeftPos
134 .Visible = msoCTrue
135 End With
136 ResetFormShapes 'Reset Form Shapes
137 Exit Sub
138 End If
139 Set LabelCell = .Range(SelShape.TopLeftCell.Address)
140
141 'Check For Search Field
142 If FieldType = "Search Field" Then
143 If .Range("B3" ).Value <> "" Then 'Search Field Exists
144 MsgBox "Search field exists already, please clear the form to remove
all fields and start again"
145 ResetFormShapes 'Reset Form Shapes
146 Exit Sub
147 End If
148 Set FieldCell = .Range(SelShape.TopLeftCell.Address).Offset(1, 0)
'Field Cell
149 If LabelCell.Value <> "" Or LabelCell.Offset(1, 0).Value <> "" Or
LabelCell.Offset(2, 0).Value <> "" Then 'Check for occupied cells
150 MsgBox "This cell, or the cells below, are already taken. Please
select another column or row)"
151 ResetFormShapes 'Reset Form Shapes
152 Exit Sub
153 End If
154 Range("B1" ).Value = True 'Set Search Add To True
155 LabelCell.Value = "Search By:"
156 FieldCell.Value = "Rec ID"
157 Admin.Range("DefaultLabel" ).Copy
158 LabelCell.PasteSpecial xlPasteFormats 'Label
159 LabelCell.HorizontalAlignment = xlCenter
160 Admin.Range("DefaultField" ).Copy
161 FieldCell.PasteSpecial xlPasteFormats 'Drop Down List
162 FieldCell.Offset(1, 0).PasteSpecial xlPasteFormats 'Search Field
163 FieldCell.Validation.Add Type:=xlValidateList, AlertStyle:=
xlValidAlertStop, Formula1:="=Fields"
164 DbWkSht.Range("AA1" ).Formula = "=Form!" & FieldCell.Address 'Set

```

```

1 2 3 4 5
Criteria Header Formula
165 .Range("B3" ).Value = FieldCell.Offset(1, 0).Address 'Set Search Field
166 Range("B1" ).Value = False 'Set Search Add To False
167 ResetFormShapes 'Reset Form Shapes
168 Exit Sub
169 End If
170
171 'Check For Filtered List
172 If FieldType = "Filtered List" Then
173     If .Range("B4" ).Value <> "" Then 'Filtered List Exists
174         MsgBox "Filtered list already exists already, please clear the form
to remove all fields and start again"
175         ResetFormShapes 'Reset Form Shapes
176         Exit Sub
177     End If
178     Range("B1" ).Value = True 'Set Filter Add To True
179     Set FieldCell = LabelCell.Offset(1, 0)
180     Admin.Range("DefaultLabel" ).Copy
181     LabelCell.PasteSpecial xlPasteFormats 'Label
182     LabelCell.Value = DBName & " Results"
183     LabelCell.HorizontalAlignment = xlCenter
184     Admin.Range("DefaultField" ).Copy
185     FieldCell.PasteSpecial xlPasteFormats 'Drop Down List
186     FieldCell.Validation.Add Type:=xlValidateList, AlertStyle:=
xlValidAlertStop, Formula1:="=Fields"
187     FieldCell.Value = "Rec ID" 'Set Intial value
188     .Range("A10:B10" ).Copy 'Copy Format/conditional formatting
189     Range(.Cells(FieldCell.Row + 1, FieldCell.Column - 1), .Cells(FieldCell.
Row + 100, FieldCell.Column)).PasteSpecial xlPasteFormats
190     .Range("B4" ).Value = FieldCell.Address 'Set Search Field
191     .Range("B1" ).Value = False 'Set Filter Add To False
192     ResetFormShapes 'Reset Form Shapes
193     Exit Sub
194 End If
195
196 Set FieldCell = .Range(SelShape.TopLeftCell.Address).Offset(0, 1) 'Set
Field Cell
197 'Check If positioned over another field
198 If LabelCell.Value <> "" Or LabelCell.Offset(0, -1).Value <> "" Or
LabelCell.Offset(0, 1).Value <> "" Then
199     MsgBox "This cell, or an adjacent cell, is already taken. Please select
another column or row)"
200     ResetFormShapes 'Reset Form Shapes
201     Exit Sub
202 End If
203
204 FieldLabel = InputBox("Please enter a label for this " & FieldType,
"Field Label Name" )
205 If FieldLabel = "" Then
206     ResetFormShapes 'Reset Form Shapes
207     Exit Sub
208 End If
209
210 Admin.Range("DefaultLabel" ).Copy
211 LabelCell.PasteSpecial xlPasteFormats
212 LabelCell.Value = FieldLabel 'Field Label
213 Admin.Range("DefaultField" ).Copy
214 FieldCell.PasteSpecial xlPasteFormats
215 DBCol = DbWkSht.Range("Z3" ).End(xlToLeft).Column + 1 'Database Column
216 DbWkSht.Cells(3, DBCol).Value = FieldLabel 'Set DB Value
1 2 3 4

```

```

1 2 3 4
217 DbWkSht.Cells(1, DBCol).Value = FieldCell.Address 'Set Address For Data
    Mapping
218 FieldCell.Name = "FormField" & DBCol 'Set Field Name
219
220 Select Case FieldType
221     Case Is = "Drop Down List"
222         DropDown.ListName.Value = LabelCell.Value 'Drop Down List Name
223         DropDown.Show
224         ListNumb = Application.WorksheetFunction.CountA(DbWkSht.Range("BA1:BZ1"
            ))
225         FieldCell.Validation.Add Type:=xlValidateList, AlertStyle:=
            xlValidAlertInformation, Formula1:="=FieldList" & ListNumb
226     Case Is = "Date Field"
227         FieldCell.NumberFormat = Admin.Range("DateField" ).NumberFormat
228     Case Is = "Amount Field"
229         FieldCell.NumberFormat = Admin.Range("AmtField" ).NumberFormat
230     Case Is = "Number Field"
231         FieldCell.NumberFormat = Admin.Range("NumbField" ).NumberFormat
232     Case Is = "Picture Field"
233         FieldCell.Name.Delete
234         FieldCell.Name = "FormPictr" & DBCol 'Set Field NameFormDocmt
235     Case Is = "Document Field"
236         FieldCell.Name.Delete
237         FieldCell.Name = "FormDocmt" & DBCol 'Set Field Name
238     End Select
239     ResetFormShapes 'Reset Form Shapes
240 End If
241 Next CountNumb
242 .Range("B16" ).Value = True
243 Application.ScreenUpdating = True
244 End With
245 End Sub
246 Sub Item_Select()
247     With Form
248         .Range("B12" ).Value = Replace(Application.Caller, "FieldType" , "" ) 'Extract
            Shape #
249         .Range("B13" ).Value = .Shapes(Application.Caller).TextFrame2.TextRange.Text
            'Button Type
250         .Range("B14" ).Value = .Shapes(Application.Caller).Left 'Left Pos
251         .Range("B15" ).Value = .Shapes(Application.Caller).Top 'Top Pos
252         .Range("B16" ).Value = False 'Reset move to false
253         .Shapes(Application.Caller).Select
254         Item_CheckForMove 'Run Macro To Check For Move
255     End With
256 End Sub
257
258
259 Sub RemoveField()
260     Dim DBCol As Long, LastDBCcol As Long, DelDBCcol As Long
261     Dim DBName As String, FieldStrng As String
262
263     On Error Resume Next
264     DelDBCcol = Replace(ActiveCell.Name.Name, Left(ActiveCell.Name.Name, 9), "" ) 'DB
        Col. Delete
265     On Error GoTo 0
266     If DelDBCcol = 0 Then Exit Sub
267     With Form
268         If .Range("B2" ).Value = Empty Then Exit Sub 'Exit on no DB
269         DBName = .Range("B2" ).Value
270         On Error Resume Next

```

1 2

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1 2
271 FieldStrng = Left(.Range(Sheets(DBName).Cells(1, DelDBCcol).Value).Name.Name, 9)
272 ThisWorkbook.Names(FieldStrng & DelDBCcol).Delete 'Delete existing Name first
273 On Error GoTo 0
274 LastDBCcol = Sheets(DBName).Range("Z1").End(xlToLeft).Column
275 If DelDBCcol = LastDBCcol Then GoTo SkipRename
276 For DBCcol = DelDBCcol + 1 To LastDBCcol
277     FieldStrng = Left(.Range(Sheets(DBName).Cells(1, DBCcol).Value).Name.Name, 9)
278     'Field String
279     .Range(Sheets(DBName).Cells(1, DBCcol).Value).Name = FieldStrng & DBCcol - 1
280 Next DBCcol
281 SkipRename:
282 Sheets(DBName).Cells(1, DelDBCcol).EntireColumn.Delete
283 Sheets(DBName).Range("Z:Z").EntireColumn.Insert
284 ActiveCell.Clear
285 ActiveCell.Offset(0, -1).Clear
286 Admin.Range("FormBack").Copy
287 ActiveCell.PasteSpecial xlPasteFormats
288 ActiveCell.Offset(0, -1).PasteSpecial xlPasteFormats
289 .Shapes("DelFieldBtn").Visible = msoFalse
290 End With
291 End Sub

292 Sub ResetFormShapes()
293     Dim FieldNumb As Long
294     Dim LeftPos As Double, TopPos As Double
295     With Form
296         LeftPos = .Range("C1").Left + 4
297         TopPos = .Range("C2").Top + 10
298         For FieldNumb = 1 To 10
299             With .Shapes("FieldType" & FieldNumb)
300                 .Left = LeftPos
301                 .Top = TopPos
302                 .Height = 22
303                 .Width = 90
304             End With
305             TopPos = TopPos + 25 'Increment Top Pos
306         Next FieldNumb
307         .Range("F3").Select
308     End With
309 End Sub

```



```

1 Option Explicit
2 Dim DBCol As Long, DBRow As Long, LastDBCcol As Long, LastDBRow As Long, ViewCol As Long
3 Dim FilterCol As Long, FilterRow As Long, LastResultRow As Long
4 Dim PicShape As Shape
5 Dim DbWkSht As Worksheet
6 Dim ResultRng As Range
7 Dim DBName As String
8
9 'Updated Macros
10 Sub Form_BrowseDocument()
11     Dim FormPic As FileDialog
12     With Form
13         Set FormPic = Application.FileDialog(msoFileDialogFilePicker)
14         With FormPic
15             .Title = "Please select a picture"
16             .Filters.Add "Document Files", "*.*" , 1
17             .AllowMultiSelect = False
18             If .Show <> -1 Then GoTo NoDoc
19             ActiveCell.Value = .SelectedItems(1)
20         End With
21         Form_ShowDocThumb 'Run Macro to display Document Thumb
22     NoDoc:
23     End With
24 End Sub
25
26 Sub Form_BrowsePic()
27     Dim FormPic As FileDialog
28     With Form
29         Set FormPic = Application.FileDialog(msoFileDialogFilePicker)
30         With FormPic
31             .Title = "Please select a picture"
32             .Filters.Add "Picture Files", "*.jpg,*.png,*.gif,*.jpeg" , 1
33             .AllowMultiSelect = False
34             If .Show <> -1 Then GoTo NoSelection
35             ActiveCell.Value = .SelectedItems(1)
36         End With
37         Form_ShowPic 'Run Macro to display picture
38     NoSelection:
39     End With
40 End Sub
41
42 Sub Form_ShowPic()
43     Dim PicPath As String
44     With Form
45         DBCol = Replace(ActiveCell.Name.Name, "FormPictr", "" )
46         If IsNumeric(DBCol) = False Then Exit Sub
47         On Error Resume Next
48         .Shapes("RecordPic" & DBCol).Delete
49         On Error GoTo 0
50         PicPath = ActiveCell.Value 'Picture File Path
51         If PicPath = "" Then Exit Sub
52         ActiveCell.HorizontalAlignment = xlRight
53         If Dir(PicPath, vbDirectory) <> "" Then
54             .Pictures.Insert(PicPath).Name = "RecordPic" & DBCol 'Insert Pic Into Shape
55
56             With .Shapes("RecordPic" & DBCol)
57                 .LockAspectRatio = msoCTrue
58                 If .Width > .Height Then .Width = 70 Else .Height = 50
59                 .Left = ActiveCell.Offset(0, 1).Left + 15 'Set Picture Left

```

1 2 3 4

```

1 2 3 4
59     .Top = ActiveCell.Offset(0, 1).Top ' Set Picture Top
60     .Visible = msoCTrue
61     End With
62     End If
63     End With
64 End Sub

65
66
67 Sub Record_Delete()
68     If MsgBox("Are you sure you want to delete this record?" , vbYesNo, "Delete Record"
69     ) = vbNo Then Exit Sub
69     With Form
70         If .Range("B6 ").Value = "" Or .Range("B2" ).Value = "" Then GoTo NotSaved
71         DBRow = .Range("B6" ).Value
72         DBName = .Range("B2" ).Value 'Database Worksheet
73         Sheets(DBName).Range(DBRow & ":" & DBRow).EntireRow.Delete
74         NotSaved:
75         On Error Resume Next
76         .Shapes("RecordPic" ).Delete 'Delete any pic if it exists
77         On Error GoTo 0
78         Record_New 'Clear Fields
79         Record_ListLoad 'Update record List
80     End With
81 End Sub

82 Sub Record_ListLoad()
83     With Form
84         If .Range("B2" ).Value = Empty Then Exit Sub 'Exit on no DB
85         If .Range("B9" ).Value = Empty Then Exit Sub 'Exit on no Filter Column Row
86         ViewCol = .Range("B9" ).Value 'Set View Column)
87         DBName = .Range("B2" ).Value 'Database Worksheet
88         FilterCol = .Range(.Range("B4" ).Value).Column
89         FilterRow = .Range(.Range("B4" ).Value).Row + 1
90         .Range("B8" ).ClearContents 'Clear Selected Row
91         Range(.Cells(FilterRow, FilterCol - 1), .Cells(9999, FilterCol)).ClearContents
92         'Clear any existing data
93     End With
94     Set DbWkSht = Sheets(DBName) 'Set Database Workseet
95     With DbWkSht
96         LastDBRow = .Range("A9999" ).End(xlUp).Row 'Last DB Row
97         If LastDBRow < 4 Then Exit Sub
98         LastDBCol = .Range("Z1" ).End(xlToLeft).Column 'Last DB Column
99         .Range("AC1" ).Value = "Rec ID" 'Set Results
100        .Range("AD1" ).Value = .Cells(3, ViewCol).Value 'Set results
101        Range(.Cells(3, 1), .Cells(LastDBRow, LastDBCol)).AdvancedFilter xlFilterCopy,
102        CriteriaRange:=.Range("AA1:AA2" ), CopyToRange:=.Range("AC1:AD1" ), Unique:=True
103        LastResultRow = .Range("AC9999" ).End(xlUp).Row
104        If LastResultRow < 2 Then Exit Sub
105        Range(Form.Cells(FilterRow, FilterCol - 1), Form.Cells(FilterRow - 2 +
106        LastResultRow, FilterCol)).Value = .Range("AC2:AD" & LastResultRow).Value
107        'Bring over Results
108    End With
109 End Sub

109 Sub Record_Load()
110     Dim PicName As Name
111     With Form
112         For Each PicShape In .Shapes
113             If InStr(PicShape.Name, "RecordPic" ) > 0 Then PicShape.Delete 'Delete

```

```

1 2 3
any/all pictures
114 Next PicShape
115 If .Range("B2").Value = Empty Or .Range("B6").Value = Empty Then Exit Sub
116 DBName = .Range("B2").Value 'Database Worksheet
117 Set DbWkSht = Sheets(DBName) 'Set Database Workseet
118 LastDBCol = DbWkSht.Range("Z1").End(xlToLeft).Column
119 DBRow = .Range("B6").Value
120 For DBCol = 2 To LastDBCol
121     .Range(DbWkSht.Cells(1, DBCol).Value).Value = DbWkSht.Cells(DBRow, DBCol).
    Value
122 Next DBCol
123 For Each PicName In ThisWorkbook.Names
124     If InStr(PicName.Name, "FormPictr") > 0 Then
125         PicName.RefersToRange.Select
126         Form_ShowPic
127     End If
128     If InStr(PicName.Name, "FormDocmt") > 0 Then
129         PicName.RefersToRange.Select
130         Form_ShowDocThumb
131     End If
132
133 Next PicName
134 End With
135 End Sub
136
137 Sub Record_New()
138     With Form
139         For Each PicShape In .Shapes
140             On Error Resume Next
141             If InStr(PicShape.Name, "RecordPic") > 0 Then PicShape.Delete
142             If InStr(PicShape.Name, "RecordDoc") > 0 Then PicShape.Delete
143             On Error GoTo 0
144         Next PicShape
145         If .Range("B2").Value = Empty Then Exit Sub 'Exit on no DB
146         DBName = .Range("B2").Value 'Database Worksheet
147         Set DbWkSht = Sheets(DBName) 'Set Database Workseet
148         LastDBCol = DbWkSht.Range("Z1").End(xlToLeft).Column 'Last DB Column
149         For DBCol = 2 To LastDBCol
150             .Range(DbWkSht.Cells(1, DBCol).Value).ClearContents
151         Next DBCol
152         .Range("B5,B8").ClearContents 'Clear Selected Rec. ID and Selected Row
153     End With
154 End Sub
155 Sub Record_SaveUpdate()
156     With Form
157         If .Range("B2").Value = Empty Then Exit Sub 'Exit on no DB
158         DBName = .Range("B2").Value 'Database Worksheet
159         Set DbWkSht = Sheets(DBName) 'Set Database Workseet
160         LastDBCol = DbWkSht.Range("Z1").End(xlToLeft).Column
161         If LastDBCol < 2 Then
162             MsgBox "Please add fields in order to save this record"
163             Exit Sub
164         End If
165         If .Range(DbWkSht.Range("B1").Value).Value = "" Then
166             MsgBox "Please make sure the first field in your form is not blank before
    saving"
167             Exit Sub
168         End If
169
170     If .Range("B6").Value = Empty Then 'New Record

```

```
171     DBRow = DbWkSht.Range("A99999" ).End(xlUp).Row + 1 'Database Row
172     .Range("B5" ).Value = .Range("B7" ).Value 'Set Next Rec. ID
173     DbWkSht.Range("A" & DBRow).Value = .Range("B7" ).Value 'Set Next Rec. ID
174     Else: 'Existing record
175         DBRow = .Range("B6" ).Value
176     End If
177     For DBCol = 2 To LastDBCcol
178         DbWkSht.Cells(DBRow, DBCol).Value = .Range(DbWkSht.Cells(1, DBCol).Value).
179         Value 'Add/Update Data
180     Next DBCol
181     Record_ListLoad
182     MsgBox DBName & " Saved"
183 End Sub
```

```

1 Option Explicit
2
3 Sub CheckForValidation()
4     With Form
5         Application.EnableEvents = True
6         Dim SelCell As Range
7         Set SelCell = Cells.SpecialCells(xlCellTypeAllValidation)
8         If Intersect(SelCell, ActiveCell) Is Nothing Then GoTo noval
9         With .Shapes("EditListBtn" )
10            .Left = Form.Cells(ActiveCell.Row, ActiveCell.Column - 1).Left
11            .Top = Form.Cells(ActiveCell.Row, ActiveCell.Column - 1).Top
12            .Visible = msoCTrue
13        End With
14    End With
15    noval:
16 End Sub
17 Sub EditListValues()
18     Dim DBName As String, ItemNames As String
19     Dim ListNumb As Long, ListCol As Long, LastRow As Long, ListRow As Long
20     With Form
21         If .Range("B2" ).Value = Empty Then Exit Sub 'Exit on no DB
22         .Range("B11" ).Value = True 'Set Edit List to True
23         DBName = .Range("B2" ).Value
24         ListNumb = Replace(ActiveCell.Validation.Formula1, "=FieldList" , "" )
25         ListCol = ListNumb + 52
26         LastRow = Sheets(DBName).Cells(9999, ListCol).End(xlUp).Row
27
28
29         DropDown.ListName.Value = Sheets(DBName).Cells(1, ListCol).Value
30
31         If LastRow = 1 Then GoTo Noitems
32         For ListRow = 2 To LastRow
33             If ListRow <> LastRow Then
34                 ItemNames = ItemNames & Sheets(DBName).Cells(ListRow, ListCol).Value & ","
35             Else
36                 ItemNames = ItemNames & Sheets(DBName).Cells(ListRow, ListCol).Value 'No
37                 Comma on last item
38             End If
39         Next ListRow
40         Noitems:
41         DropDown.ListItems.Value = ItemNames
42         DropDown.Show
43         On Error GoTo 0
44         .Range("B11" ).Value = False 'Set Edit List to False
45     End With
46 End Sub
47 Sub Form_ShowDocThumb()
48     With Form
49         Dim DBCol As Long
50         Dim DocPath As String, FileType As String
51         'Dim DocObj As Object
52         DBCol = Replace(ActiveCell.Name.Name, "FormDocmt" , "" )
53         If IsNumeric(DBCol) = False Then Exit Sub
54         On Error Resume Next
55         .Shapes("RecordDoc" & DBCol).Delete
56         On Error GoTo 0
57         DocPath = ActiveCell.Value 'Document File Path
58         If DocPath = "" Then Exit Sub

```

1 2

```
1 2
59 ActiveCell.HorizontalAlignment = xlRight
60 FileType = Right(DocPath, Len(DocPath) - InStrRev(DocPath, "." )) 'File Type
61 Select Case FileType
62 Case Is = "png" , "jpg" , "gif" , "jpeg" , "bmp" , "tiff" 'Picture Type
63     .Pictures.Insert(DocPath).Name = "RecordDoc" & DBCol
64 Case Else
65     .OLEObjects.Add(FileName:=DocPath, Link:=False, DisplayAsIcon:=False).Name =
        "RecordDoc" & DBCol
66 End Select
67 With .Shapes("RecordDoc" & DBCol)
68     .LockAspectRatio = True
69     If .Width > .Height Then .Width = 70 Else .Height = 50
70     .Left = ActiveCell.Offset(0, 1).Left + 15 'Set Shape Left
71     .Top = ActiveCell.Offset(0, 1).Top ' Set Shape Top
72 End With
73 End With
74
75
76
77 End Sub
78
```

—
_, 7

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Thank you so much for your continued shares, likes and support. It really helps.



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