ContactMacros.bas

```vba
 1   Option Explicit
 2
 3   Dim LastRow As Long, LastResultRow As Long, SelRow As Long
 4   Dim ContRow As Long, ContCol As Long, ContID As Long
 5   Dim ContName As String
 6   Dim ContField As Control
 7
 8   Sub OpenContForm()
 9       ContactListLoad
10       ContForm.picField.Picture = Nothing
11       'wshContDB.Range("T3:V99999").ClearContents
12       wshInterDB.Range("Q3:W99999").ClearContents
13       ContForm.Show
14   End Sub
15
16   Sub ContactListLoad()
17       With wshContDB
18           LastRow = .Range("A99999").End(xlUp).Row
19           If LastRow < 4 Then Exit Sub
20           If ContForm.ContactActive.Value = True Then
21               .Range("O3").Value = True
22           Else
23               .Range("O3").Value = "<>"
24           End If
25           .Range("P3").Value = "*" & ContForm.ContactSearch.Value & "*"
26           .Range("A3:L" & LastRow).AdvancedFilter xlFilterCopy, _
27                                           CriteriaRange:=.Range("O2:P3"), _
28                                           CopyToRange:=.Range("T2:V2"), _
29                                           Unique:=True
30           LastResultRow = .Range("T99999").End(xlUp).Row
31           If LastResultRow < 3 Then Exit Sub
32           If LastResultRow < 4 Then GoTo NoSort
33           With .Sort
34               .SortFields.Clear
35               .SortFields.Add Key:=wshContDB.Range("T3"), SortOn:=xlSortOnValues, _
36                               Order:=xlAscending, _
37                               DataOption:=xlSortNormal
38               .SetRange wshContDB.Range("T3:V" & LastResultRow)
39               .Apply
40           End With
41   NoSort:
42       End With
43   End Sub
44
45   Sub ContactClearFilter()
46       ContForm.ContactSearch.Value = ""
47   End Sub
48
49   Sub ContactNew()
50       With ContForm
51           For ContCol = 1 To 11
52               Set ContField = .Controls("Field" & ContCol)
53               ContField.Value = ""
```

```vba
 54            Next ContCol
 55            .picField.Picture = Nothing
 56            .Field2.SetFocus
 57            .Field10.Value = True
 58            .ContactList.Value = ""
 59        End With
 60    End Sub
 61
 62    Sub ContactLoad()
 63        With ContForm
 64            SelRow = .ContactList.ListIndex + 3
 65            ContRow = wshContDB.Range("V" & SelRow).Value
 66            If ContRow = 0 Then Exit Sub
 67            For ContCol = 1 To 11
 68                Set ContField = .Controls("Field" & ContCol)
 69                ContField.Value = wshContDB.Cells(ContRow, ContCol)
 70            Next ContCol
 71        End With
 72        ContactShowPicture
 73        InteractionListLoad 'Load Interactions
 74    End Sub
 75
 76    Sub ContactShowPicture()
 77        Dim PicPath As String
 78        With ContForm
 79            If .Field11.Value = Empty Then Exit Sub
 80            PicPath = .Field11.Value 'Picture Path
 81            If Dir(PicPath, vbDirectory) = "" Then Exit Sub
 82            On Error Resume Next
 83            .picField.Picture = LoadPicture(PicPath)
 84            On Error GoTo 0
 85        End With
 86    End Sub
 87
 88    Sub ContactBrowsePicture()
 89        Dim PicFile As FileDialog
 90        Set PicFile = Application.FileDialog(msoFileDialogFilePicker)
 91        With PicFile
 92            .Title = "Select a Contact Picture"
 93            .Filters.Clear
 94            .Filters.Add "Select a JPG Picture", "*.jpg, .jpeg, 1"
 95            If .Show <> -1 Then GoTo NoSelection
 96            ContForm.Field11.Value = .SelectedItems(1) 'Full Picture Path
 97            ContactShowPicture
 98    NoSelection:
 99        End With
100    End Sub
101
102    Sub ContactClearPicture()
103        ContForm.Field11.Value = ""
104        ContForm.picField.Picture = Nothing
105    End Sub
106
107    Sub ContactSaveUpdate()
108        With ContForm
109            If .Field2.Value = Empty Then
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```vba
110                MsgBox "Please make sure to add in a Contact Name before saving"
111                Exit Sub
112            End If
113            ContName = .Field2.Value 'Set Contact Name in memory
114            If .Field1.Value = "" Then
115                ContRow = wshContDB.Range("A99999").End(xlUp).Row + 1 'First Available Row
116                On Error Resume Next
117                ContID = Application.WorksheetFunction.Max(wshContDB.Range("ContID")) + 1
118                                                'Next available Contact ID
119                On Error GoTo 0
120                If ContID = 0 Then ContID = 1 'Set Default on No Data
121                .Field1.Value = ContID
122                wshContDB.Range("A" & ContRow).Value = ContID 'Set Contact ID
123                wshContDB.Range("L" & ContRow).Value = "=ROW()" 'Set Row Number
124                .ContactSearch.Value = "" 'Clear Any Search Filters
125            Else                                'Existing contact
126                SelRow = .ContactList.ListIndex + 3  'Selected Index Item + 3
127                ContRow = wshContDB.Range("V" & SelRow).Value 'Existing Contact DB
128            End If
129            If ContRow = 0 Then Exit Sub
130            For ContCol = 2 To 11
131                Set ContField = .Controls("Field" & ContCol)
132                wshContDB.Cells(ContRow, ContCol).Value = ContField.Value 'Save to ContactDB
133            Next ContCol
134            ContactListLoad 'Reload Contact List
135            SelRow = 0
136            On Error Resume Next
137            SelRow = wshContDB.Range("T:T").Find(ContName, , xlValues, xlWhole).Row
138            On Error GoTo 0
139            If SelRow <> 0 Then .ContactList.ListIndex = SelRow - 3 'Set Selected Contact
140            MsgBox "Contact Saved"
141        End With
142    End Sub
143
144    Sub ContactDelete()
145        If MsgBox("Are you sure you want to delete this Contact?", vbYesNo, "Delete Contact") _
146            = vbNo Then Exit Sub
147        With ContForm
148            If .Field1.Value = "" Then GoTo NotSaved 'Not yet recorded !
149            SelRow = .ContactList.ListIndex + 3 'Selected Index Item + 3
150            ContRow = wshContDB.Range("V" & SelRow).Value 'Existing Contact DB
151            wshContDB.Range(ContRow & ":" & ContRow).EntireRow.Delete 'Delete Contact Row
152    NotSaved:
153            ContactNew
154            ContactListLoad 'Reload Contact List
155        End With
156    End Sub
157
158
159
```