

VBA SOURCE CODE BOOK



How to Send Bulk WhatsApp Messages & Pictures From Excel



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ABOUT THE AUTHOR

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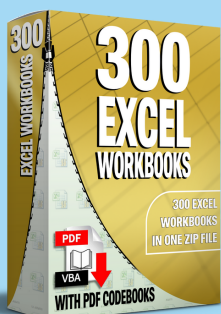
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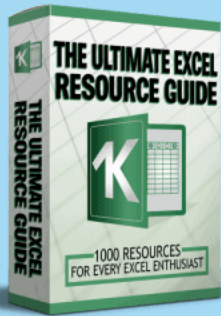
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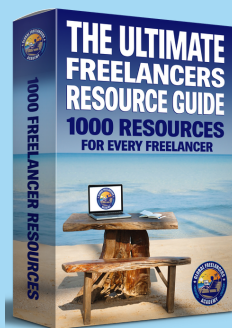
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Table of Contents

Projects.....	2
VBAProject.....	2
Documents.....	2
Admin.....	2
(Declarations).....	2
Worksheet_SelectionChange [Sub].....	2
Appts.....	3
(Declarations).....	3
Contacts.....	4
(Declarations).....	4
Messages.....	5
(Declarations).....	5
Worksheet_Change [Sub].....	5
Worksheet_SelectionChange [Sub].....	5
MsgDB.....	6
(Declarations).....	6
Schedule.....	7
(Declarations).....	7
Worksheet_Change [Sub].....	7
Worksheet_SelectionChange [Sub].....	7
ThisWorkbook.....	8
(Declarations).....	8
Modules.....	9
Application_Macros.....	9
(Declarations).....	9
Admin_SetBookingColor [Sub].....	9
BrowseForContPicFolder [Sub].....	9
BrowseForIconFolder [Sub].....	9
Appt_Macros.....	10
(Declarations).....	10
Appt_Delete [Sub].....	10
Appt_Load [Sub].....	10
Appt_New [Sub].....	10
Appt_SaveUpdate [Sub].....	10
BulkMsg_Macros.....	11
(Declarations).....	11
BulkMsgs_Refresh [Sub].....	11
SendSelectedContactsToWhatsApp [Sub].....	11
Contact_Macros.....	13
(Declarations).....	13
Contact_BrowseForPicture [Sub].....	13
Contact_Delete [Sub].....	13
Contact_Load [Sub].....	13
Contact_New [Sub].....	13
Contact_SaveUpdate [Sub].....	14
Message_Macros.....	15
(Declarations).....	15
Message_AddNew [Sub].....	15
Message_BrowseForPicture [Sub].....	15
Message_Delete [Sub].....	15
Message_SaveUpdate [Sub].....	15
Messages_Load [Sub].....	15
Messages_LoadList [Sub].....	16
SchedMsg_Macros.....	17
(Declarations).....	17
Schedule_SendWhatsAppMsg [Sub].....	17
Schedule_Macros.....	18
(Declarations).....	18
Sched_Appt_Select [Sub].....	18
Sched_NextMonth [Sub].....	18
Sched_PrevMonth [Sub].....	18
Sched_Refresh [Sub].....	18
Sched_ThisMonth [Sub].....	20
SendWAMsg_Macros.....	21
(Declarations).....	21
SendOneWAMsg [Sub].....	21

```
1 Option Explicit
2
3 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
4     If Target.CountLarge > 1 Then Exit Sub
5     If Shapes("ColorPalette").Visible = True Then Shapes("ColorPalette").Visible =
        msoFalse
6
7     'On Work Day Change
8     If Not Intersect(Target, Range("D9:D15")) Is Nothing Then
9         If Target.Value = Empty Then Target.Value = Chr(252) Else Target.ClearContents
10        Range("D8").Select
11    End If
12
13    'Show color palette
14    If Not Intersect(Target, Range("G9:F15")) Is Nothing And Range("F" & Target.Row).
        Value <> Empty Then
15        With Shapes("ColorPalette")
16            .Left = Range("G" & Target.Row).Left
17            .Top = Range("G" & Target.Row + 1).Top
18            .Visible = msoCTrue
19        End With
20    End If
21 End Sub
```

1
2

Option Explicit

1 Option Explicit

2


```
1 Option Explicit
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Not Intersect(Target, Range("Q4" )) Is Nothing And Range("Q4" ).Value <> Empty
5         Then BulkMsgs_Refresh
6     End Sub
7
8 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
9     If Target.CountLarge > 1 Then Exit Sub
10    If Not Intersect(Target, Range("D5:E9999" )) Is Nothing And Range("D" & Target.Row)
11        .Value <> Empty Then
12        Range("B5" ).Value = Target.Row 'Set Selecetd Row
13        Range("B2" ).Value = Range("C" & Target.Row).Value 'Set Message ID
14        Messages_Load 'Load Message
15    End If
16
17    'Check/Uncheck Send To Contacts
18    If Not Intersect(Target, Range("M6:M99" )) Is Nothing And Range("N" & Target.Row).
19        Value <> Empty Then
20        If Target.Value = Chr(254) Then Target.Value = Chr(111) Else Target.Value = Chr(
21            254)
22        Range("O4" ).Select
23    End If
24
25    'Select All/None
26    If Not Intersect(Target, Range("M5" )) Is Nothing Then
27        Dim LastRow As Long
28        LastRow = Range("N99999" ).End(xlUp).Row
29        If LastRow < 5 Then Exit Sub
30        If Target.Value = Chr(111) Then
31            Range("M5:M" & LastRow).Value = Chr(254) 'Check All
32        Else
33            Range("M5:M" & LastRow).Value = Chr(111) 'Uncheck All
34        End If
35        Range("O4" ).Select
36    End If
37 End Sub
```

1
2

Option Explicit

```
1 Option Explicit
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Target.CountLarge > 1 Then Exit Sub
5     If Not Intersect(Target, Range("E3" )) Is Nothing And Range("E3" ).Value <> Empty
6         Then Contact_Load
7     End Sub
8
9 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
10 End Sub
```

1 Option Explicit

2

```
1 Option Explicit
2 Dim ShtName As String
3 Dim LastRow As Long, LastResultRow As Long
4
5
6 Sub Admin_SetBookingColor()
7     ActiveCell.Interior.Color = Admin.Shapes(Application.Caller).Fill.ForeColor.RGB
8     Admin.Shapes("ColorPalette").Visible = msoFalse
9 End Sub
10
11
12 Sub BrowseForContPicFolder()
13     Dim BillFolder As FileDialog
14     Set BillFolder = Application.FileDialog(msoFileDialogFolderPicker)
15     With BillFolder
16         .Title = "Browse For Contact Picture Folder"
17         .AllowMultiSelect = False
18         If .Show <> -1 Then GoTo NoSelection
19         Admin.Range("E5").Value = .SelectedItems(1)
20     End With
21     NoSelection:
22 End Sub
23
24
25 Sub BrowseForIconFolder()
26     Dim BillFolder As FileDialog
27     Set BillFolder = Application.FileDialog(msoFileDialogFolderPicker)
28     With BillFolder
29         .Title = "Browse For Icon Folder"
30         .AllowMultiSelect = False
31         If .Show <> -1 Then GoTo NoSelection
32         Admin.Range("E6").Value = .SelectedItems(1)
33     End With
34     NoSelection:
35 End Sub
36
37
```

```

1 Option Explicit
2 Dim ApptRow As Long, ApptCol As Long
3
4 Sub Appt_Delete()
5     If MsgBox("Are you sure you want to delete this appointment?" , vbYesNo, "Delete
        Appointment" ) = vbNo Then Exit Sub
6     With Schedule
7         If .Range("B9" ).Value = Empty Then GoTo NotSaved
8         ApptRow = .Range("B9" ).Value 'Set Appointment Row
9         Appts.Range(ApptRow & ":" & ApptRow).EntireRow.Delete
10        NotSaved:
11        Appt_New
12    End With
13 End Sub
14
15 Sub Appt_Load()
16 With Schedule
17     If .Range("B9" ).Value = Empty Then
18         MsgBox "Please select a correct appointment"
19         Exit Sub
20     End If
21     ApptRow = .Range("B9" ).Value
22     .Range("E3" ).Value = Appts.Range("C" & ApptRow).Value
23     For ApptCol = 4 To 8
24         .Range("E" & ApptCol + 1).Value = Appts.Cells(ApptRow, ApptCol).Value
25     Next ApptCol
26 End With
27 End Sub
28 Sub Appt_New()
29     Schedule.Range("E3,B8,B12,E5:E9,E12:E21" ).ClearContents 'Clear Contact Fields
30     Schedule.Range("E3" ).Select
31 End Sub
32
33 Sub Appt_SaveUpdate()
34 With Schedule
35     If .Range("E5" ).Value = "" Or .Range("B13" ).Value = "" Then
36         MsgBox "Please make sure to add an Appt. Date and Contact to save this
            appointment"
37         Exit Sub
38     End If
39     If .Range("B9" ).Value = Empty Then 'New Appt.
40         ApptRow = Appts.Range("A99999" ).End(xlUp).Row + 1
41         .Range("B8" ).Value = .Range("B10" ).Value 'Next Appt. ID
42         Appts.Range("A" & ApptRow).Value = .Range("B10" ).Value 'Next Appt ID
43     Else 'Existing Appt
44         ApptRow = .Range("B9" ).Value 'Appt. Row
45     End If
46     Appts.Range("B" & ApptRow).Value = .Range("B12" ).Value 'Set Contact ID
47     Appts.Range("C" & ApptRow).Value = .Range("E12" ).Value 'Set Contact Name
48     For ApptCol = 4 To 8
49         Appts.Cells(ApptRow, ApptCol).Value = .Range("E" & ApptCol + 1).Value
50     Next ApptCol
51     Sched_Refresh 'Refresh Schedule on Save
52     MsgBox "Appointment Saved"
53 End With
54 End Sub

```

```

1 Option Explicit
2 Dim LastRow As Long, LastResultRow As Long
3 Sub BulkMsgs_Refresh()
4     Messages.Range("M6:Q999" ).ClearContents
5     With Contacts
6         LastRow = .Range("A99999" ).End(xlUp).Row
7         If LastRow < 4 Then Exit Sub
8         .Range("A3:L" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
9             "P2:P3" ), CopyToRange:=.Range("S2:V2" ), Unique:=True
10        LastResultRow = .Range("S99999" ).End(xlUp).Row
11        If LastResultRow < 3 Then Exit Sub
12        Messages.Range("N6:Q" & LastResultRow + 3).Value = .Range("S3:V" &
13            LastResultRow).Value
14        If Messages.Range("Q4" ).Value = "[Selected Contacts]" Then
15            Messages.Range("M6:M" & LastResultRow + 3).Value = Chr(111) 'All Contacts
16            Unchecked
17        Else 'All Other send to will be checked by default
18            Messages.Range("M6:M" & LastResultRow + 3).Value = Chr(254) 'All Contacts
19            Checked
20        End If
21    End With
22 End Sub
23
24 Sub SendSelectedContactsToWhatsApp()
25     Dim ContRow As Long, MsgRow As Long
26     Dim MsgText As String, PicPath As String, PhoneNumb As String, ContName As String
27     With Messages
28         LastRow = .Range("N99999" ).End(xlUp).Row
29         If LastRow < 6 Then
30             MsgBox "Please make sure to add contacts to the list in order to send
31                 WhatsApp messages"
32         End If
33         If .Range("B7" ).Value = Empty Then
34             MsgBox "Please make sure to select a message from the drop down list to send"
35         End If
36         Exit Sub
37     End If
38     On Error Resume Next
39     .Shapes("Pic" ).Delete 'Delete any existing picture
40     On Error GoTo 0
41     MsgRow = .Range("B7" ).Value 'Message Row
42     PicPath = MsgDB.Range("G" & MsgRow).Value 'Picture Path
43     MsgText = MsgDB.Range("H" & MsgRow).Value 'Message text
44     On Error Resume Next
45     If PicPath = "" Or Dir(PicPath, vbDirectory) = "" Then PicPath = "" 'Reset
46     Pic Path To Empty If needed
47     On Error GoTo 0
48     If PicPath <> Empty Then
49         .Pictures.Insert(PicPath).Name = "Pic"
50         .Shapes("Pic" ).Copy
51     End If
52     For ContRow = 6 To LastRow
53         If .Range("M" & ContRow).Value = Chr(254) And .Range("P" & ContRow).Value =
54             "Yes" Then 'Selected and Send Messages marked as Yes
55             ContName = .Range("N" & ContRow).Value 'Contact Name
56             MsgText = MsgDB.Range("H" & MsgRow).Value 'Message text
57             PhoneNumb = .Range("Q" & ContRow).Value 'Phone Number
58             MsgText = Replace(MsgText, "[ContName]" , ContName) 'Add In Contact name
59             AppActivate "WhatsApp"
60             Application.Wait (Now + TimeValue("00:00:01" ))

```

1 2 3 4

```
54      1 2 3 4      Call SendKeys("^f" , True)
55      Application.Wait (Now + TimeValue("00:00:01" ))
56      Call SendKeys(PhoneNum, True) 'Enter Phone #
57      Application.Wait (Now + TimeValue("00:00:02" ))
58      Call SendKeys("{Tab}" , True) 'Tab To contact
59      Application.Wait (Now + TimeValue("00:00:01" ))
60      Call SendKeys("{Enter}" , True) 'Select Contact
61      Application.Wait (Now + TimeValue("00:00:02" ))
62      Call SendKeys(MsgText, True) 'Enter Message
63      Application.Wait (Now + TimeValue("00:00:02" ))
64      Call SendKeys("{Enter}" , True) 'Send Message
65      If PicPath <> "" Then
66          Call SendKeys("^v" , True) 'Paste In Picture
67          Application.Wait (Now + TimeValue("00:00:01" ))
68          Call SendKeys("{Enter}" , True) 'Send Picture
69      End If
70      End If
71      Next ContRow
72      On Error Resume Next
73      .Shapes("Pic" ).Delete 'Delete any existing picture
74      On Error GoTo 0
75      End With
76      End Sub
```



```

1 Option Explicit
2 Dim ContRow As Long, ContCol As Long, SchedRow As Long
3 Sub Contact_BrowseForPicture()
4     Dim ContPic As FileDialog
5     Dim PicFolder As String
6
7     'Check for Contact Picture Folder
8     If Admin.Range("ContactPicFolder" ).Value = Empty Then
9         MsgBox "Please set a folder for the mobile data "
10        BrowseForContPicFolder 'Run Macro to browse for Contact Picture folder
11        If Admin.Range("ContactPicFolder" ).Value = Empty Then Exit Sub 'Exit on Empty
12    End If
13    PicFolder = Admin.Range("ContactPicFolder" ).Value & "\" 'Contact Picture Folder
14    Set ContPic = Application.FileDialog(msoFileDialogFilePicker)
15
16    With ContPic
17        .Title = "Please select a Contact Picture"
18        .Filters.Add "Picture Files" , "*.jpg,*.png,*.gif, *.jpeg *.GIF" , 1
19        .AllowMultiSelect = False
20        If .Show <> -1 Then GoTo NoSelection
21        If .SelectedItems(1) = PicFolder & Dir(.SelectedItems(1)) Then GoTo SkipCopy
22        If Dir(PicFolder & Dir(.SelectedItems(1)), vbDirectory) <> "" Then Kill (
23            PicFolder & Dir(.SelectedItems(1))) 'Delete if existing
24        FileCopy .SelectedItems(1), PicFolder & Dir(.SelectedItems(1)) 'Copy Picture
25        into Entry folder
26        SkipCopy:
27        Schedule.Range("E21" ).Value = Dir(.SelectedItems(1)) 'Place file name
28    End With
29    Contact_SaveUpdate 'Save/Update Contact on Picture Add
30    NoSelection:
31 End Sub
32
33 Sub Contact_Delete()
34     If MsgBox("Are you sure you want to delete this Contact?" , vbYesNo, "Delete
35         Contact" ) = vbNo Then Exit Sub
36     With Schedule
37         If .Range("B13" ).Value = Empty Then GoTo NotSaved
38         ContRow = .Range("B13" ).Value 'Contact Row
39         Contacts.Range(ContRow & ":" & ContRow).EntireRow.Delete 'Delete Contact Row
40         NotSaved:
41         Contact_New 'Clear Contact Fields
42     End With
43 End Sub
44
45 Sub Contact_Load()
46     With Schedule
47         .Range("E12:E22" ).ClearContents 'Clear Contact Fields
48         If .Range("B11" ).Value = Empty Then
49             MsgBox "Please select an existing contact or add a new one"
50             Exit Sub
51         End If
52         ContRow = .Range("B11" ).Value
53         .Range("B12" ).Value = Contacts.Range("A" & ContRow).Value 'Set Contact ID
54         For ContCol = 2 To 12
55             .Range("E" & ContCol + 10).Value = Contacts.Cells(ContRow, ContCol).Value
56             'Load Contact Details
57         Next ContCol
58     End With
59 End Sub
60
61 Sub Contact_New()

```

1

```
1
58 Schedule.Range("E3,B12,E12:E22").ClearContents 'Clear Contact Fields
59 End Sub
60
61 Sub Contact_SaveUpdate()
62 With Schedule
63 If .Range("E12").Value = Empty Then
64     MsgBox "Please make sure to add a contact name before saving contact"
65     Exit Sub
66 End If
67 If .Range("B13").Value = Empty Then 'New Contact
68     ContRow = Contacts.Range("A99999").End(xlUp).Row + 1 'First avail Cont Row
69     .Range("B12").Value = .Range("B14").Value 'Contact ID
70     Contacts.Range("A" & ContRow).Value = .Range("B12").Value 'Set Contact ID
71 Else 'Existing Contact
72     ContRow = .Range("B13").Value 'Contact Row
73 End If
74 For ContCol = 2 To 12
75     Contacts.Cells(ContRow, ContCol).Value = .Range("E" & ContCol + 10).Value 'Save/Update contact Data
76 Next ContCol
77 MsgBox "Contact Saved"
78 End With
79 End Sub
```

```

1 Option Explicit
2 Dim MsgRow As Long, MsgCol As Long, LastRow As Long, LastResultRow As Long, ResultRow
  As Long
3 Dim Phone As String, ContName As String, Mesg As String
4
5 Sub Message_AddNew()
6     Messages.Range("B2,H3:I3,K3,H5:K5,G7:K31" ).ClearContents
7     Messages.Range("H3" ).Select
8 End Sub
9 Sub Message_BrowseForPicture()
10    Dim MsgPic As FileDialog
11    Dim PicPath As String
12    Set MsgPic = Application.FileDialog(msoFileDialogFilePicker)
13    With MsgPic
14        .Title = "Please select a Message Picture"
15        .Filters.Add "Picture Files" , "*.jpg,*.png,*.gif, *.jpeg *.GIF" , 1
16        .AllowMultiSelect = False
17        If .Show <> -1 Then GoTo NoSelection
18        PicPath = .SelectedItems(1)
19        Messages.Range("H5" ).Value = PicPath 'Set Picture Path For File
20    End With
21    NoSelection:
22 End Sub
23 Sub Message_Delete()
24    If MsgBox("Are you sure you want to delete this Message?" , vbYesNo, "Delete
  Message" ) = vbNo Then Exit Sub
25    With Messages
26        If .Range("B3" ).Value = Empty Then GoTo NotSaved
27        MsgRow = .Range("B3" ).Value 'Message row
28        MsgDB.Range(MsgRow & ":" & MsgRow).EntireRow.Delete
29        NotSaved:
30        Message_AddNew
31        Messages_LoadList
32    End With
33 End Sub
34
35 Sub Message_SaveUpdate()
36    With Messages
37        If .Range("H3" ).Value = Empty Or .Range("K3" ).Value = Empty Then
38            MsgBox "Please enter a Message name and type before saving"
39            Exit Sub
40        End If
41        If .Range("B3" ).Value = Empty Then 'New Message
42            MsgRow = MsgDB.Range("A99999" ).End(xlUp).Row + 1
43            .Range("B2" ).Value = .Range("B4" ).Value 'Set Next ID
44            MsgDB.Range("A" & MsgRow).Value = .Range("B2" ).Value 'Set ID
45        Else ' Existing Message
46            MsgRow = .Range("B3" ).Value 'Msg Row
47        End If
48        For MsgCol = 2 To 8
49            MsgDB.Cells(MsgRow, MsgCol).Value = .Range(MsgDB.Cells(1, MsgCol).Value).Value
  'Save Data to Database
50        Next MsgCol
51        MsgDB.Range("H" & MsgRow).WrapText = False
52        MsgBox "Message Saved"
53    End With
54    Messages_LoadList
55 End Sub
56
57 Sub Messages_Load()
58    With Messages

```

```

1 2
59 If .Range("B3" ).Value = Empty Then
60     MsgBox "Please select on a correct message to load"
61     Exit Sub
62 End If
63 MsgRow = .Range("B3" ).Value
64 For MsgCol = 2 To 8
65     .Range(MsgDB.Cells(1, MsgCol).Value).Value = MsgDB.Cells(MsgRow, MsgCol).Value
66     'Add From Database
67 Next MsgCol
68 End With
69 End Sub
70 Sub Messages_LoadList()
71     Messages.Range("B5,C5:E9999" ).ClearContents
72     With MsgDB
73         LastRow = .Range("A9999" ).End(xlUp).Row
74         If LastRow < 4 Then Exit Sub
75         On Error Resume Next
76         .Names("Criteria" ).Delete
77         On Error GoTo 0
78         .Range("A3:H" & LastRow).AdvancedFilter xlFilterCopy, , CopyToRange:=.Range(
79             "K2:M2" ), Unique:=True
80         LastResultRow = LastRow - 1
81         If LastResultRow < 4 Then GoTo SkipSort
82         With .Sort
83             .SortFields.Clear
84             .SortFields.Add Key:=MsgDB.Range("L3" ), SortOn:=xlSortOnValues, Order:=
85                 xlAscending, DataOption:=xlSortNormal 'Sort
86             .SetRange MsgDB.Range("K3:M" & LastResultRow) 'Set Range
87             .Apply 'Apply Sort
88         End With
89         SkipSort:
90         Messages.Range("C5:E" & LastResultRow + 2).Value = .Range("K3:M" &
91             LastResultRow).Value
92     End With
93     With Messages
94         On Error Resume Next
95         If .Range("B2" ).Value <> Empty Then
96             .Range("B5" ).Value = .Range("C5:C999" ).Find(.Range("B2" ).Value, ,
97                 xlFormulas, xlWhole).Row 'Set selected Row (if any)
98         End If
99         On Error GoTo 0
100    End With
101 End Sub

```

```

1  Option Explicit
2
3  Sub Schedule_SendWhatsAppMsg()
4      Dim MsgRow As Long, VarRow As Long
5      Dim MsgText As String, PicPath As String, PhoneNumb As String, ContName As String
6      With Schedule
7          If .Range("B27").Value = Empty Then
8              MsgBox "Please make sure to select a message to send"
9              Exit Sub
10             End If
11
12             On Error Resume Next
13             .Shapes("Pic").Delete 'Delete any existing picture
14             On Error GoTo 0
15             MsgRow = .Range("B27").Value 'Message Row
16             PicPath = MsgDB.Range("G" & MsgRow).Value 'Picture Path
17             MsgText = MsgDB.Range("H" & MsgRow).Value 'Message text
18             On Error Resume Next
19             If PicPath = "" Or Dir(PicPath, vbDirectory) = "" Then PicPath = "" 'Reset
20             Pic Path To Empty If needed
21             On Error GoTo 0
22             If PicPath <> Empty Then
23                 .Pictures.Insert(PicPath).Name = "Pic"
24                 .Shapes("Pic").Copy
25             End If
26
27             For VarRow = 5 To 8 'Add & Format Variables
28                 MsgText = Replace(MsgText, Messages.Range("S" & VarRow).Value, Format(
29                     Messages.Range("T" & VarRow).Value, Messages.Range("T" & VarRow).
30                     NumberFormat))
31             Next VarRow
32             PhoneNumb = .Range("E14").Value 'Phone Number
33             AppActivate "WhatsApp"
34             Application.Wait (Now + TimeValue("00:00:01" ))
35             Call SendKeys("^f", True)
36             Application.Wait (Now + TimeValue("00:00:01" ))
37             Call SendKeys(PhoneNumb, True)
38             Application.Wait (Now + TimeValue("00:00:02" ))
39             Call SendKeys("{Tab}", True)
40             Application.Wait (Now + TimeValue("00:00:01" ))
41             Call SendKeys("{Enter}", True)
42             Application.Wait (Now + TimeValue("00:00:02" ))
43             Call SendKeys(MsgText, True)
44             Application.Wait (Now + TimeValue("00:00:02" ))
45             Call SendKeys("{Enter}", True)
46             If PicPath <> "" Then
47                 Call SendKeys("^v", True)
48                 Application.Wait (Now + TimeValue("00:00:01" ))
49                 Call SendKeys("{Enter}", True)
50             End If
51             On Error Resume Next
52             .Shapes("Pic").Delete 'Delete any existing picture
53             On Error GoTo 0
54         End With
55     End Sub

```

```

1  Option Explicit
2
3  Sub Sched_Appt_Select()
4      Dim ApptID As Long, ApptRow As Long
5      ApptID = Replace(Application.Caller, Left(Application.Caller, 8), "")
6      Application.ScreenUpdating = False
7      Schedule.Range("B8").Value = ApptID
8      Appt_Load
9      Application.ScreenUpdating = True
10 End Sub
11
12 Sub Sched_NextMonth()
13     With Schedule
14         If .Range("B2").Value = 9 And .Range("B5").Value = 12 Then
15             MsgBox "You are at the last month and last year of the schedule"
16             Exit Sub
17         End If
18         If .Range("B5").Value = 12 Then 'On Current January Month
19             .Range("B2").Value = .Range("B2").Value + 1 'Next Year
20             .Range("B5").Value = 1 'Set To January
21         Else ' Non-December
22             .Range("B5").Value = .Range("B5").Value + 1 'Increase Increment Month
23         End If
24         Sched_Refresh 'Run Macro To Refresh Schedule
25     End With
26 End Sub
27
28 Sub Sched_PrevMonth()
29     With Schedule
30         If .Range("B2").Value = 1 And .Range("B5").Value = 1 Then
31             MsgBox "You are at the first month and first year of the schedule"
32             Exit Sub
33         End If
34         If .Range("B5").Value = 1 Then 'On Current January Month
35             .Range("B2").Value = .Range("B2").Value - 1 'Prev. Year
36             .Range("B5").Value = 12 'Set To December
37         Else ' Non-January
38             .Range("B5").Value = .Range("B5").Value - 1 'Reduce Increment Month
39         End If
40         Sched_Refresh 'Run Macro To Refresh Schedule
41     End With
42 End Sub
43
44 Sub Sched_Refresh()
45     Dim LastRow As Long, LastResultRow As Long, ResultRow As Long, SchedRow As Long,
46     SchedCol As Long
47     Dim CalRow As Long, CalCol As Long, StatusRow As Long, DayApptCount As Long,
48     ApptNumb As Long
49     Dim StatusColor As String, ApptID As String, ContName As String, ApptStatus As
50     String
51     Dim ContPic As String, PicPath As String, GrpString As String, GrpArr() As String
52     Dim ApptShp As Shape
53     Dim ApptDate As Date, ApptTime As Date
54     Dim ApptWidth As Double, ApptLeft As Double
55
56     'Clear all existing Appt shapes
57     For Each ApptShp In Schedule.Shapes
58         On Error Resume Next
59         If InStr(ApptShp.Name, "ApptItem") > 0 Then ApptShp.Delete 'Delete Schedule
60         Shapes
61         If InStr(ApptShp.Name, "ContPict") > 0 Then ApptShp.Delete 'Delete Contact
62     End For

```

```

1 2
Pictures
58 On Error GoTo 0
59 Next ApptShp
60
61
62 With Appts
63 LastRow = .Range("A99999").End(xlUp).Row 'Last Row
64 If LastRow < 4 Then Exit Sub
65 .Range("Q3:Y999999").ClearContents 'Clear Results
66 .Range("A3:H" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
"Q2:Q3"), CopyToRange:=.Range("Q2:X2"), Unique:=True
67 LastResultRow = .Range("Q99999").End(xlUp).Row
68 If LastResultRow < 3 Then Exit Sub
69 .Range("Y3:Y" & LastResultRow).Formula = .Range("Y1").Formula 'Bring Down
Contact Picture formula
70 If LastResultRow < 4 Then GoTo NoSort
71 Application.ScreenUpdating = False
72 With .Sort 'Sort Based on Appt Date, Due Date or Paid Date
73 .SortFields.Clear
74 .SortFields.Add Key:=Appts.Range("T3"), SortOn:=xlSortOnValues, Order:=
xlAscending, DataOption:=xlSortNormal 'Sort By Appt. Date
75 .SortFields.Add Key:=Appts.Range("U3"), SortOn:=xlSortOnValues, Order:=
xlAscending, DataOption:=xlSortNormal 'Sort By Appt. Time
76 .SetRange Appts.Range("Q3:Y" & LastResultRow)
77 .Apply
78 End With
79 NoSort:
80 For ResultRow = 3 To LastResultRow
81 ApptID = .Range("Q" & ResultRow).Value 'Appt ID
82 ApptDate = .Range("T" & ResultRow).Value 'Appt Date
83 ApptTime = .Range("U" & ResultRow).Value 'Appt Time
84 ContName = .Range("S" & ResultRow).Value 'Vendor
85 ApptStatus = .Range("W" & ResultRow).Value 'Appt Status
86 ContPic = .Range("Y" & ResultRow).Value 'Contact Picture (if any)
87 On Error Resume Next
88 StatusRow = Admin.Range("Status").Find(ApptStatus, , xlValues, xlWhole).Row
'Get Status Row
89 On Error GoTo 0
90 If StatusRow <> 0 Then StatusColor = Admin.Range("G" & StatusRow).Interior.
Color ' Set Appt Status Color
91 DayApptCount = Application.WorksheetFunction.CountIf([ApptDate_Results],
ApptDate) 'Get # of Appts in a Day
92 If DayApptCount > 10 Then DayApptCount = 5 'Set Max Appts in a day to 5
93 If DayApptCount > 1 Then ApptNumb = ApptNumb + 1 Else ApptNumb = 1 'Set # of
Appts in a Day
94 If ApptNumb = 1 Then 'Get Row & Column only on new days
95 For CalRow = 4 To 34 Step 6
96 For CalCol = 7 To 13
97 If Schedule.Cells(CalRow, CalCol).Value = ApptDate Then
98 SchedRow = CalRow
99 SchedCol = CalCol
100 GoTo CreateAppt
101 End If
102 Next CalCol
103 Next CalRow
104 Else
105 SchedRow = SchedRow + 1
106 End If
107 CreateAppt:
108 If SchedRow = 0 Or SchedCol = 0 Then GoTo NextAppt
109

```

```

1 2 3
110 Schedule.Shapes("SampleApptShp").Duplicate.Name = "ApptItem" & ApptID
111 ApptWidth = Schedule.Cells(SchedRow, SchedCol).Width 'Set Appt. Shape Width
112 ApptLeft = Schedule.Cells(SchedRow, SchedCol).Left 'Set Appt Shape Left Pos
113 With Schedule.Shapes("ApptItem" & ApptID)
114     .Left = ApptLeft
115     .Top = Schedule.Cells(SchedRow + 1, SchedCol).Top + 1
116     .Width = ApptWidth
117     .Height = 15
118     .TextFrame2.TextRange.Text = Format(ApptTime, "H:MMa/p") & " " & ContName
119     .OnAction = "Sched_Appt_Select"
120     If StatusColor <> 0 Then .Fill.ForeColor.RGB = StatusColor
121 End With
122 GrpString = "ApptItem" & ApptID
123
124 'Add Contact Pictures
125 PicPath = [ContactPicFolder] & "\" & ContPic
126 Schedule.Shapes("SampleContShp").Duplicate.Name = "ContPict" & ApptID
127 'Create Contact Picture
128 With Schedule.Shapes("ContPict" & ApptID)
129     If Dir(PicPath, vbDirectory) <> "" And ContPic <> "" Then .Fill.
130     UserPicture (PicPath) 'Add Contact Picture
131     .Left = ApptLeft
132     .Top = Schedule.Cells(SchedRow + 1, SchedCol).Top + 1
133     .OnAction = "Sched_Appt_Select"
134 End With
135 GrpString = GrpString & "," & "ContPict" & ApptID
136 'Group Shapes
137 GrpArr = Split(GrpString, ",") 'Create Array of Shapes
138 Schedule.Shapes.Range(GrpArr).Group.Name = "ApptItemGrp" & ApptID
139 'Cleanup
140 ContName = Empty 'Clear Out Appt text
141 GrpString = "" 'Reset Group String
142 StatusRow = 0 'Reset Status row
143 StatusColor = 0 'Reset Status Color
144 NextAppt:
145 If ApptNumb >= DayApptCount Then ApptNumb = 0 'Reset Appt Number on Last
146 Appt of the day
147 Next ResultRow
148 End With
149 Application.ScreenUpdating = True
150 End Sub
151
152 Sub Sched_ThisMonth()
153 Schedule.Range("B5").Value = Month(Date)
154 On Error Resume Next
155 Schedule.Range("B2").Value = Schedule.Range("Years").Find(Year(Date), , xlFormulas
156 , xlWhole).Row - 17
157 On Error GoTo 0
158 Sched_Refresh 'Run Macro To Refresh Schedule
159 End Sub

```



```
1 Option Explicit
2
3 Sub SendOneWAMsg()
4     Dim PhoneNumb As String, PicPath As String
5     Dim MsgText As String
6     With Messages
7         PhoneNumb = .Range("A1").Value 'Add Your Phone # to A1 on Messages Sheet
8         MsgText = .Range("G7").Value
9         PicPath = .Range("H5").Value 'Picture Path
10        .Pictures.Insert(PicPath).Name = "WAPic"
11        .Shapes("WAPic").Copy
12        AppActivate "WhatsApp"
13        Application.Wait (Now + TimeValue("00:00:01" ))
14        SendKeys "^f" , True
15        Application.Wait (Now + TimeValue("00:00:01" ))
16        SendKeys PhoneNumb, True
17        Application.Wait (Now + TimeValue("00:00:02" ))
18        SendKeys "{Tab}" , True
19        Application.Wait (Now + TimeValue("00:00:01" ))
20        SendKeys "{Enter}" , True
21        Application.Wait (Now + TimeValue("00:00:01" ))
22        SendKeys MsgText, True
23        Application.Wait (Now + TimeValue("00:00:02" ))
24        SendKeys "{Enter}" , True
25        Application.Wait (Now + TimeValue("00:00:01" ))
26        SendKeys "^v" , True
27        Application.Wait (Now + TimeValue("00:00:01" ))
28        SendKeys "{Enter}" , True
29        .Shapes("WAPic").Delete
30    End With
31 End Sub
```

A

ActiveCell, 9
 Add, 13, 15, 16, 19
 Admin, 9, 13, 19
 Admin_SetBookingColor, 9
 AdvancedFilter, 11, 16, 19
 AllowMultiSelect, 9, 13, 15
 AppActivate, 11, 17, 21
 Application, 9, 11-13, 15, 17-21
 Apply, 16, 19
 Appt_Delete, 10
 Appt_Load, 10, 18
 Appt_New, 10
 Appt_SaveUpdate, 10
 ApptCol, 10
 ApptDate, 18, 19
 ApptDate_Results, 19
 ApptID, 18-20
 ApptLeft, 18, 20
 ApptNumb, 18-20
 ApptRow, 10, 18
 Appts, 10, 19
 ApptShp, 18, 19
 ApptStatus, 18, 19
 ApptTime, 18-20
 ApptWidth, 18, 20

B

BillFolder, 9
 BrowseForContPicFolder, 9, 13
 BrowseForIconFolder, 9
 BulkMsgs_Refresh, 5, 11

C

CalCol, 18, 19
 Caller, 9, 18
 CalRow, 18, 19
 Cells, 10, 13-16, 19, 20
 Chr, 2, 5, 11
 Clear, 16, 19
 ClearContents, 2, 10, 11, 13-16, 19
 Color, 9, 19
 Contact_BrowseForPicture, 13
 Contact_Delete, 13
 Contact_Load, 7, 13
 Contact_New, 13
 Contact_SaveUpdate, 13, 14
 ContactPicFolder, 20
 Contacts, 11, 13, 14
 ContCol, 13, 14
 ContName, 11, 15, 17-20
 ContPic, 13, 18-20
 ContRow, 11-14
 Copy, 11, 17, 21
 CopyToRange, 11, 16, 19
 CountIf, 19
 CountLarge, 2, 5, 7
 CreateAppt, 19
 CriteriaRange, 11, 19

D

DataOption, 16, 19
 DayApptCount, 18-20
 Delete, 10-13, 15-18, 21
 Dir, 11, 13, 17, 20
 Duplicate, 20

E

Empty, 2, 5, 7, 10, 11, 13-17, 20

EntireRow, 10, 13, 15
 Explicit, 2-11, 13, 15, 17, 18, 21

F

FileCopy, 13
 FileDialog, 9, 13, 15
 Fill, 9, 20
 Filters, 13, 15
 Find, 16, 19, 20
 ForeColor, 9, 20
 Format, 17, 20
 Formula, 19

G

Group, 20
 GrpArr, 18, 20
 GrpString, 18, 20

H

Height, 20

I

Insert, 11, 17, 21
 InStr, 18
 Interior, 9, 19
 Intersect, 2, 5, 7

K

Key, 16, 19
 Kill, 13

L

LastResultRow, 9, 11, 15, 16, 18, 19
 LastRow, 5, 9, 11, 15, 16, 18, 19
 Left, 2, 18, 20

M

Mesg, 15
 Message_AddNew, 15
 Message_BrowseForPicture, 15
 Message_Delete, 15
 Message_SaveUpdate, 15
 Messages, 11, 15-17, 21
 Messages_Load, 5, 15
 Messages_LoadList, 15, 16
 Month, 20
 MsgBox, 10, 11, 13-18
 MsgCol, 15, 16
 MsgDB, 11, 15-17
 MsgPic, 15
 MsgRow, 11, 15-17
 MsgText, 11, 12, 17, 21
 msoCTrue, 2
 msoFalse, 2, 9
 msoFileDialogFilePicker, 13, 15
 msoFileDialogFolderPicker, 9

N

Name, 11, 17, 18, 20, 21
 Names, 16
 NextAppt, 19, 20
 NoSelection, 9, 13, 15
 NoSort, 19
 NotSaved, 10, 13, 15
 Now, 11, 12, 17, 21
 NumberFormat, 17

O

OnAction, 20
 Order, 16, 19

P

Phone, 15
 PhoneNumb, 11, 12, 17, 21
 PicFolder, 13
 PicPath, 11, 12, 15, 17, 18, 20, 21
 Pictures, 11, 17, 21

R

Range, 2, 5, 7, 9-11, 13-21
 Replace, 11, 17, 18
 ResultRow, 15, 18-20
 RGB, 9, 20
 Row, 2, 5, 10, 11, 14-16, 19, 20

S

Sched_Appt_Select, 18
 Sched_NextMonth, 18
 Sched_PrevMonth, 18
 Sched_Refresh, 10, 18, 20
 Sched_ThisMonth, 20
 SchedCol, 18-20
 SchedRow, 13, 18-20
 Schedule, 10, 13, 14, 17-20
 Schedule_SendWhatsAppMsg, 17
 ScreenUpdating, 18-20
 SelectedItems, 9, 13, 15
 SendKeys, 12, 17, 21
 SendOneWAMsg, 21
 SendSelectedContactsToWhatsApp, 11
 SetRange, 16, 19
 Shape, 18
 Shapes, 2, 9, 11, 12, 17, 18, 20, 21
 Show, 9, 13, 15
 ShtName, 9
 SkipCopy, 13
 SkipSort, 16
 Sort, 16, 19
 SortFields, 16, 19
 SortOn, 16, 19
 Split, 20
 StatusColor, 18-20
 StatusRow, 18-20

T

Target, 2, 5, 7
 Text, 20
 TextFrame2, 20
 TextRange, 20
 TimeValue, 11, 12, 17, 21
 Title, 9, 13, 15
 Top, 2, 20

U

Unique, 11, 16, 19
 UserPicture, 20

V

Value, 2, 5, 7, 9-11, 13-21
 VarRow, 17
 vbDirectory, 11, 13, 17, 20
 vbNo, 10, 13, 15
 vbYesNo, 10, 13, 15
 Visible, 2, 9

W

Wait, 11, 12, 17, 21
 Width, 20
 Worksheet_Change, 5, 7
 Worksheet_SelectionChange, 2, 5, 7

WorksheetFunction, [19](#)
WrapText, [15](#)

X

xlAscending, [16](#), [19](#)
xlFilterCopy, [11](#), [16](#), [19](#)
xlFormulas, [16](#), [20](#)
xlSortNormal, [16](#), [19](#)
xlSortOnValues, [16](#), [19](#)
xlUp, [5](#), [10](#), [11](#), [14-16](#), [19](#)
xlValues, [19](#)
xlWhole, [16](#), [19](#), [20](#)

Y

Year, [20](#)

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