

VBA SOURCE CODE BOOK

MOBILE WORK ORDER


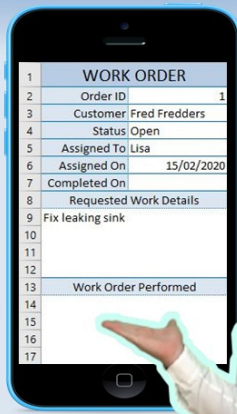
MOBILE WORK ORDER MANAGER

Save/Update WO New Work Order Delete WO Check & Update

Order ID: 1 Assigned To: Lisa
Customer: Fred Freders Assigned On: 2/15/20 7:33 AM
Status: Open Completed On: 1/20/20 12:00 AM

Requested Work Details: Fix leaking sink Work Order Performed: leak fixed

Order ID	Assigned To	Customer	Assigned On	Status	Completed On	Requested Work	Work Performed
1	Lisa	Fred Fred	2/15/20 7:33 AM	Open	1/20/20 12:00 AM	Fix leaking sink	leak fixed
2	Lisa	Gerry	2/15/20 7:17 AM	Open		Test Work	

WORK ORDER

- Order ID 1
- Customer Fred Freders
- Status Open
- Assigned To Lisa
- Assigned On 15/02/2020
- Completed On
- Requested Work Details
- Fix leaking sink
- Work Order Performed



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Excel Work Order
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by: Randy Austin

ABOUT THE AUTHOR

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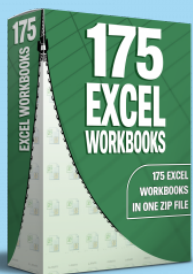
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```
1 Option Explicit
2
3 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
4     If Not Intersect(Target, Range("D17:K9999" )) Is Nothing And Range("D" & Target.Row).
5         Value <> Empty Then
6             Range("B5" ).Value = Target.Row
7             W0_Load
8         End If
    End Sub
```

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1 Option Explicit

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```
1 Option Explicit
2
3 Sub CheckAndUpdateWO()
4     Dim WORow As Long, LastWORow As Long
5     Dim AssignOn As Date, ChangeOn As Date
6     Dim FilePath As String
7     Dim WOMgrWkBk As Workbook
8     Set WOMgrWkBk = ThisWorkbook
9     With Sheet1
10        LastWORow = .Range("D9999").End(xlUp).Row 'Last WO Row
11        For WORow = 17 To LastWORow
12            If .Range("H" & WORow).Value = "Open" Then 'Check Only Open Status
13                AssignOn = .Range("G" & WORow).Value 'Assigned on Date & Time
14                FilePath = .Range("N3").Value & "\" & .Range("E" & WORow).Value & "\" &
15                    "Work Order_" & .Range("D" & WORow).Value & ".xlsx"
16                ChangeOn = FileDateTime(FilePath)
17                If AssignOn < ChangeOn Then
18                    Workbooks.Open (FilePath)
19                    With ActiveWorkbook
20                        WOMgrWkBk.Sheets(1).Range("I" & WORow).Value = ActiveWorkbook.Sheets(1).
21                            Range("B7").Value 'Completed On
22                        WOMgrWkBk.Sheets(1).Range("K" & WORow).Value = ActiveWorkbook.Sheets(1).
23                            Range("A14").Value 'Work Peformed
24                    End With
25                    ActiveWorkbook.Close False
26                    If Dir(WOMgrWkBk.Sheets(1).Range("N3").Value & "\Archive", vbDirectory) =
27                        "" Then MkDir (WOMgrWkBk.Sheets(1).Range("N3").Value & "\Archive") 'Create
28                        Archive Folder if needed
29                    Name FilePath As WOMgrWkBk.Sheets(1).Range("N3").Value & "\Archive\" & Dir(
30                        FilePath)
31                End If
32            End If
33        Next WORow
34    End With
35 End Sub
```

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1  Option Explicit
2
3  Sub WO_CancelNew()
4      If Sheet1.Range("D17" ).Value <> Empty Then Sheet1.Range("D17" ).Select 'Select First row
5          in table
6      End Sub
7
8  Sub WO_Delete()
9      Dim WORow As Long
10     If Sheet1.Range("B5" ).Value <> Empty Then
11         WORow = Sheet1.Range("B5" ).Value 'Work Order row
12         Sheet1.Range(WORow & ":" & WORow).EntireRow.Delete
13         If WORow <> 17 Then Sheet1.Range("D" & WORow - 1).Select
14     End If
15 End Sub
16
17 Sub WO_Load()
18     Dim WORow As Long, WOCol As Long
19     With Sheet1
20         If .Range("B5" ).Value = Empty Then Exit Sub
21         WORow = .Range("B5" ).Value 'WO Row
22         For WOCol = 4 To 11
23             .Range(.Cells(15, WOCol).Value).Value = .Cells(WORow, WOCol).Value 'Update Date
24         Next WOCol
25         .Shapes("CancelNewBtn" ).Visible = msoFalse
26         .Shapes("NewWOBtn" ).Visible = msoCTrue
27         .Shapes("DeleteWOBtn" ).Visible = msoCTrue
28     End With
29 End Sub
30
31 Sub WO_New()
32     With Sheet1
33         .Range("J3:K3,E5:F5,J5:K5,E7:F7,J7:K7,D10:G13,H10:K13" ).ClearContents 'Clears all
34         associated fields
35         .Shapes("CancelNewBtn" ).Visible = msoCTrue
36         .Shapes("NewWOBtn" ).Visible = msoFalse
37         .Shapes("DeleteWOBtn" ).Visible = msoFalse
38         .Range("B4" ).Value = True 'New Work ORDER to True
39         .Range("E3" ).Value = .Range("B6" ).Value 'New WORk Order #
40         .Range("E7" ).Value = "Open" 'Set New WO Status to Open
41         .Range("J5" ).Value = Now 'Set current date/time
42         .Range("J3" ).Select 'Select First field
43     End With
44 End Sub
45
46 Sub WO_SaveUpdate()
47     Dim WORow As Long, WOCol As Long
48     Dim AssignedTo As String, SharedFolder As String, FileName As String, FilePath As String
49     With Sheet1
50         If .Range("J3" ).Value = Empty Or .Range("E3" ).Value = Empty Or .Range("J5" ).Value =
51             Empty Then
52                 MsgBox "Please fill in the required fields"
53             Exit Sub
54         End If
55
56         If .Range("N3" ).Value = Empty Then
57             MsgBox "Please add in a shared folder location"
58             Exit Sub
59         End If
60     End With
61 End Sub

```

```
1 2
59 If .Range("B4").Value = True Then 'new WO rK order
60   WORow = .Range("D99999").End(xlUp).Row + 1 'First Avail. Row
61 Else ' Existing Work Order
62   WORow = .Range("B5").Value 'Existing Work order Row
63 End If
64
65 For WOCol = 4 To 11
66   .Cells(WORow, WOCol).Value = .Range(.Cells(15, WOCol).Value).Value 'Place values in
   WO Row
67   Sheet2.Range(.Cells(14, WOCol).Value).Value = .Range(.Cells(15, WOCol).Value).Value
   'Place Values in WO Template
68 Next WOCol
69 .Range("B4").Value = False 'Set new WO to false
70 .Shapes("CancelNewBtn").Visible = msoFalse
71 .Shapes("NewWOBtn").Visible = msoCTrue
72 .Shapes("DeleteWOBtn").Visible = msoCTrue
73 .Range("B5").Value = WORow
74
75 'Create/Update Work Order in Shared folder if status is Open
76 If .Range("E7").Value = "Open" Then
77   AssignedTo = .Range("J3").Value 'Assigned To
78   SharedFolder = .Range("N3").Value 'Shared Folder location
79   FileName = "Work Order_" & .Range("E3").Value 'File Name Work Order & #
80   If Dir(SharedFolder & "\" & AssignedTo, vbDirectory) = "" Then Mkdir (SharedFolder
   & "\" & AssignedTo) 'Create Folder if it does not exist
81   FilePath = SharedFolder & "\" & AssignedTo & "\" & FileName & ".xlsx"
82   On Error Resume Next
83   Kill (FilePath)
84   On Error GoTo 0
85   Sheet2.Range("A1:B17").Copy
86   Workbooks.Add
87   ActiveWorkbook.Sheets(1).Range("A1").PasteSpecial xlPasteAll
88   ActiveWorkbook.Sheets(1).Range("A1").PasteSpecial xlPasteColumnWidths
89   ActiveWorkbook.SaveAs FilePath
90   ActiveWorkbook.Close False
91   .Range("G" & WORow).Value = Now 'Update Assigned On to Current date & Time
92 End If
93 End With
94 End Sub
```


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Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

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



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