Sub ExtractAndSaveDuplicates()

Dim wsMain As Worksheet, wsDup As Worksheet

Dim lastRow As Long, i As Long

Dim dict As Object

Dim dupFound As Boolean

Dim savePath As String

' Set the path where "Duplicate.xlsx" will be saved

savePath = "C:\Users\USER\Desktop\STALLION CHECKUP\Duplicate.xlsx"

' Check if "Member.xlsx" is open (if not, open it)

Dim wbMember As Workbook

On Error Resume Next

Set wbMember = Workbooks("Member.xlsx")

On Error GoTo 0

If wbMember Is Nothing Then

' Open "Member.xlsx" if not already open

Set wbMember = Workbooks.Open("C:\Users\USER\Desktop\STALLION CHECKUP\Member.xlsx")

End If

' Assume data is in the first sheet (change if needed)

Set wsMain = wbMember.Sheets(1)

' Find last row in Column B (SSNIT)

lastRow = wsMain.Cells(wsMain.Rows.Count, "B").End(xlUp).Row

' Create a dictionary to track duplicates

Set dict = CreateObject("Scripting.Dictionary")

' First pass: Identify duplicates in SSNIT (Column B)

For i = 2 To lastRow

Dim ssnit As String

ssnit = Trim(wsMain.Cells(i, 2).Value)

If ssnit <> "" Then

If dict.exists(ssnit) Then

dict(ssnit) = dict(ssnit) + 1 ' Increment count

Else

dict.Add ssnit, 1 ' Add to dictionary

End If

End If

Next i

' Check if any duplicates exist

dupFound = False

For Each key In dict.keys

If dict(key) > 1 Then

dupFound = True

Exit For

End If

Next key

If Not dupFound Then

MsgBox "No duplicates found in SSNIT numbers.", vbInformation

Exit Sub

End If

' Create a new workbook for duplicates

Dim wbDuplicate As Workbook

Set wbDuplicate = Workbooks.Add

Set wsDup = wbDuplicate.Sheets(1)

wsDup.Name = "Duplicates"

' Copy headers

wsMain.Rows(1).Copy wsDup.Rows(1)

' Second pass: Copy duplicate rows to the new workbook

Dim destRow As Long

destRow = 2 ' Start pasting from row 2 (headers are in row 1)

For i = 2 To lastRow

ssnit = Trim(wsMain.Cells(i, 2).Value)

If ssnit <> "" And dict(ssnit) > 1 Then

wsMain.Rows(i).Copy wsDup.Rows(destRow)

destRow = destRow + 1

End If

Next i

' Auto-fit columns for better readability

wsDup.Columns.AutoFit

' Save the new workbook as "Duplicate.xlsx"

Application.DisplayAlerts = False ' Prevent overwrite prompt

wbDuplicate.SaveAs savePath, FileFormat:=51 ' 51 = xlsx format

Application.DisplayAlerts = True

' Close the duplicate workbook (optional)

wbDuplicate.Close SaveChanges:=False

MsgBox "Duplicate SSNIT entries saved as:" & vbNewLine & savePath, vbInformation

End Sub