Sub RemoveDuplicateAccountNumbersAndSaveNewFile()

Dim ws As Worksheet

Dim newWorkbook As Workbook

Dim newWs As Worksheet

Dim lastRow As Long

Dim i As Long

Dim ssnitDict As Object

Dim ssnit As String

Dim accountNumber As String

Dim originalFilePath As String

Dim newFilePath As String

' Set the worksheet

Set ws = ThisWorkbook.Sheets(1) ' Assuming the data is in the first sheet

' Find the last row with data in column E

lastRow = ws.Cells(ws.Rows.Count, "E").End(xlUp).Row

' Create a dictionary to store SSNIT numbers and their corresponding account numbers

Set ssnitDict = CreateObject("Scripting.Dictionary")

' Loop through each row starting from row 2

For i = 2 To lastRow

ssnit = ws.Cells(i, "E").Value

accountNumber = ws.Cells(i, "F").Value

' Check if the SSNIT number is already in the dictionary

If ssnitDict.exists(ssnit) Then

' If it exists, replace the account number with the one stored in the dictionary

ws.Cells(i, "F").Value = ssnitDict(ssnit)

Else

' If it doesn't exist, add the SSNIT number and account number to the dictionary

ssnitDict.Add ssnit, accountNumber

End If

Next i

' Create a new workbook

Set newWorkbook = Workbooks.Add

Set newWs = newWorkbook.Sheets(1)

' Copy headers from the original sheet to the new sheet

ws.Rows(1).Copy Destination:=newWs.Rows(1)

' Copy the modified data to the new sheet

ws.Range("A2:F" & lastRow).Copy Destination:=newWs.Range("A2")

' Get the path of the original file

originalFilePath = ThisWorkbook.Path

' Define the path for the new file

newFilePath = originalFilePath & "\VLOOKDONE.xlsx"

' Save the new workbook

Application.DisplayAlerts = False ' Suppress overwrite prompt

newWorkbook.SaveAs Filename:=newFilePath, FileFormat:=xlOpenXMLWorkbook

Application.DisplayAlerts = True

' Close the new workbook

newWorkbook.Close SaveChanges:=False

' Notify the user that the operation is complete

MsgBox "Duplicate account numbers have been replaced with unique ones. A new file 'VLOOKDONE.xlsx' has been created in the same folder.", vbInformation

End Sub