Sub ExtractAndOrganizeData\_Silent()

'========== APPLICATION SETTINGS ==========

Dim originalCalculation As XlCalculation

Dim originalEvents As Boolean

Dim originalAlerts As Boolean

Dim originalScreenUpdating As Boolean

Dim originalStatusBar As Variant

'Save current settings

With Application

originalCalculation = .Calculation

originalEvents = .EnableEvents

originalAlerts = .DisplayAlerts

originalScreenUpdating = .ScreenUpdating

originalStatusBar = .StatusBar

'Apply background settings

.Calculation = xlCalculationManual

.EnableEvents = False

.DisplayAlerts = False

.ScreenUpdating = False

.StatusBar = "Processing TOTAL OIL data..."

End With

On Error GoTo CleanUp

'========== MAIN CODE ==========

Dim wbSource As Workbook

Dim wsSource As Worksheet

Dim wsNew As Worksheet

Dim lastRow As Long

Dim companyName As String

Dim dict As Object

Dim key As Variant

Dim cell As Range

Dim outputRow As Long

Dim year As String, month As String, monthName As String

Dim mainFolder As String, yearFolder As String, monthFile As String

companyName = "TOTAL OIL GH LIMITED\* DUNKWA)"

'Silently open source file

Set wbSource = Workbooks.Open(Environ("USERPROFILE") & "\Desktop\Schedule.xlsx", \_

ReadOnly:=True, UpdateLinks:=False)

Set wsSource = wbSource.Sheets("Sheet1") 'Adjust sheet name if needed

'Create dictionary for year-month combinations

Set dict = CreateObject("Scripting.Dictionary")

lastRow = wsSource.Cells(wsSource.Rows.Count, "A").End(xlUp).Row

'Build dictionary of unique dates

For Each cell In wsSource.Range("A2:A" & lastRow)

If Trim(UCase(cell.Value)) = UCase(companyName) Then

dateFilter = wsSource.Cells(cell.Row, "B").Value

If Not dict.exists(dateFilter) Then dict.Add dateFilter, cell.Row

End If

Next cell

'Create folder structure silently

mainFolder = Environ("USERPROFILE") & "\Desktop\New\TOTAL OIL GH LIMITED"

If Dir(Environ("USERPROFILE") & "\Desktop\New", vbDirectory) = "" Then MkDir Environ("USERPROFILE") & "\Desktop\New"

If Dir(mainFolder, vbDirectory) = "" Then MkDir mainFolder

'Process each year-month

For Each key In dict.keys

Application.StatusBar = "Processing " & key & "..."

year = Left(key, 4)

month = Right(key, 2)

monthName = LCase(Format(DateSerial(year, month, 1), "mmm"))

yearFolder = mainFolder & "\" & year

If Dir(yearFolder, vbDirectory) = "" Then MkDir yearFolder

'Create new workbook in memory

Set wsNew = Workbooks.Add(1).Sheets(1)

With wsNew

.Name = "Data"

.Range("A1:C1").Value = Array("ssnit", "name", "salary")

'Transfer data

outputRow = 2

For Each cell In wsSource.Range("A2:A" & lastRow)

If Trim(UCase(cell.Value)) = UCase(companyName) And \_

wsSource.Cells(cell.Row, "B").Value = key Then

.Cells(outputRow, 1).Value = wsSource.Cells(cell.Row, "I").Value 'SSNIT

.Cells(outputRow, 2).Value = wsSource.Cells(cell.Row, "F").Value 'Name

.Cells(outputRow, 3).Value = wsSource.Cells(cell.Row, "L").Value 'Salary

outputRow = outputRow + 1

End If

Next cell

'Silent save

monthFile = yearFolder & "\" & monthName & year & ".xlsx"

.Parent.SaveAs monthFile, FileFormat:=xlOpenXMLWorkbook

.Parent.Close False

End With

Next key

'Silent completion

Application.StatusBar = "Process completed successfully!"

Debug.Print "TOTAL OIL data processed at " & Now()

CleanUp:

'Close source workbook silently

If Not wbSource Is Nothing Then wbSource.Close False

'Restore settings

With Application

.Calculation = originalCalculation

.EnableEvents = originalEvents

.DisplayAlerts = originalAlerts

.ScreenUpdating = originalScreenUpdating

.StatusBar = originalStatusBar

End With

'Error handling

If Err.Number <> 0 Then

Debug.Print "Error " & Err.Number & ": " & Err.Description

Application.StatusBar = "Process completed with errors"

End If

End Sub