HƯỚNG DẪN SỬ DỤNG VERSION 0.1

PHẦN MỀM HỖ TRỢ ĐẤU THẦU

**MỤC LỤC**

[1 Cấu trúc của phần mềm 3](#_Toc166422163)

[1.1 Phần hiển thị gồm có các worksheet như sau: 3](#_Toc166422164)

[1.2 Danh sách UI 3](#_Toc166422165)

[1.3 Danh sách module 4](#_Toc166422166)

[2 Cài đặt Google Drive 4](#_Toc166422167)

[2.1 Tải phần cài đặt từ internet 4](#_Toc166422168)

[2.2 Đăng nhập bằng tài khoản gmail 4](#_Toc166422169)

[2.3 Tùy chỉnh Google Drive offline 5](#_Toc166422170)

[3 Giao diện chính 8](#_Toc166422171)

[4 Module đấu thầu 11](#_Toc166422172)

[4.1 Mã code module mDT\_DauThau 11](#_Toc166422173)

[5 Module dự toán 19](#_Toc166422174)

[5.1 Mã code thành phần module mDT\_DuToan 19](#_Toc166422175)

[5.2 Mã code thành phần userform 36](#_Toc166422176)

[6 Module chấm công 68](#_Toc166422177)

[6.1 Yêu cầu 68](#_Toc166422178)

[6.2 Thành phần các tệp trong folder chấm công 68](#_Toc166422179)

[6.3 Quy ước 68](#_Toc166422180)

[6.4 Nguyên lý hoạt động 69](#_Toc166422181)

[6.4.1 Đồng bộ dữ liệu 69](#_Toc166422182)

[6.4.2 Sử dụng ngày công chưa chấm 69](#_Toc166422183)

[6.5 Thao tác 69](#_Toc166422184)

[6.5.1 Thiết lập bảng chấm công 69](#_Toc166422185)

[6.5.2 Tạo folder bảng công phòng mới 69](#_Toc166422186)

[6.5.3 Tạo bảng công đề tài mới 69](#_Toc166422187)

[6.5.4 Chấm ngày công chưa sử dụng 69](#_Toc166422188)

[6.5.5 Sửa, xóa ngày công đã chấm 69](#_Toc166422189)

[6.6 Báo cáo sử dụng ngày công 70](#_Toc166422190)

[6.6.1 Nguyên lý hoạt động 70](#_Toc166422191)

[6.6.2 Cách sử dụng 70](#_Toc166422192)

[6.7 Code thành phần module 70](#_Toc166422193)

[6.8 Code thành phần Userform 74](#_Toc166422194)

[7 Module quản lý kho 135](#_Toc166422195)

[8 Báo cáo đấu thầu 135](#_Toc166422196)

[9 Module quản lý dữ liệu gốc 138](#_Toc166422197)

[9.1 Giới thiệu chung 138](#_Toc166422198)

[9.2 Thao tác với dữ liệu về cán bộ 138](#_Toc166422199)

[9.2.1 Thêm dữ liệu 138](#_Toc166422200)

[9.2.2 Sửa dữ liệu 139](#_Toc166422201)

[9.2.3 Xóa dữ liệu 139](#_Toc166422202)

[9.3 Thao tác với dữ liệu về nhà thầu 139](#_Toc166422203)

[9.4 Thao tác với dữ liệu về hàng hóa 139](#_Toc166422204)

[9.5 Code thành phần userform 139](#_Toc166422205)

[10 Module tra cứu 158](#_Toc166422206)

[11 Tính năng khác 162](#_Toc166422207)

[11.1 Cập nhật 162](#_Toc166422208)

[11.2 Backup cơ sở dữ liệu 169](#_Toc166422209)

[11.3 Công cụ khác 169](#_Toc166422210)

[11.4 Ribbon 194](#_Toc166422211)

[11.5 Thuê khoán chuyên môn 199](#_Toc166422212)

[11.6 Bảo trì 200](#_Toc166422213)

[11.7 Làm việc với dữ liệu 209](#_Toc166422214)

[11.8 Cài đặt Config 211](#_Toc166422215)

# Cấu trúc của phần mềm

Phần mềm gồm cơ sở dữ liệu, file excel chứa macro và giao diện người dùng (UI)

File excel chứa macro có phần hiển thị và phần code.

## Phần hiển thị gồm có các worksheet như sau:

* Config
* InputData
* DL\_NhaThau
* DL\_CB
* DL\_DinhMucDuToan
* DL\_HH
* TongDT
* CLD
* NVL
* TTB
* CKhac
* Input\_DuToan
* ChiTietKP\_DuToan
* NhapKho
* XuatKho
* TonKho

Trong đó dữ liệu gốc gồm các worksheet:

• DL\_NhaThau

• DL\_CB

• DL\_DinhMucDuToan

• DL\_HH

Dữ liệu nhập vào của module đấu thầu gồm worksheet InputData

Dữ liệu nhập vào của module dự toán gồm worksheet InputDuToan

Dữ liệu làm việc của module dự toán gồm các worksheet:

* TongDT
* CLD
* NVL
* TTB
* CKhac
* ChiTietKP\_DuToan

## Danh sách UI

* fDT\_Nhapkho
* CalendarForm
* fDT\_HH
* fDT\_XuatKho
* fDT\_Main
* fDT\_TraCuu
* fDT\_DauThau
* fDT\_TickChon
* fDT\_TongDuToan
* frmDuToanNVL

## Danh sách module

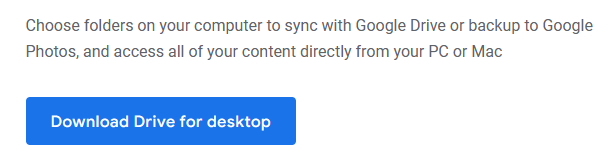
* Module3
* Module1
* Module2
* Module5
* Module4
* mDT\_XuatVanBan
* mIVD\_HamChung
* mDT\_ChamCong
* mDT\_Config
* mDT\_Project
* mDT\_Update
* mDT\_cfgDuToan
* modTools
* modPivot
* Module7

# Cài đặt Google Drive

## Tải phần cài đặt từ internet

Bước 2: Cài đặt Google Drive lên máy tính: Tải bản cài đặt mới nhất từ trang chủ của Google theo đường link sau: <https://www.google.com/drive/download/>

Chọn tải Google Drive cho Desktop:



Sau khi tải về, nhấn đúp vào biểu tượng cài đặt, chờ đợi cho đến khi cài đặt hoàn tất.

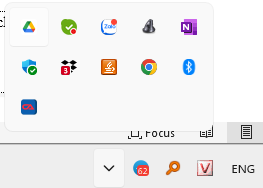
## Đăng nhập bằng tài khoản gmail

Tạo tài khoản gmail của bạn, ghi chép tên tài khoản và mật khẩu. Nếu đ/c đã có tài khoản gmail, vui lòng bỏ qua bước này.

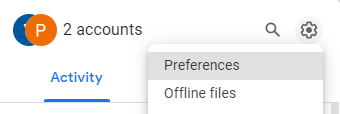
Đ/c có thể đăng nhập bằng dịch vụ email Gmail cá nhân hoặc đăng nhập bằng tài khoản hỗ trợ đấu thầu: [hotrodauthau.ndvn@gmail.com](mailto:hotrodauthau.ndvn@gmail.com), mật khẩu: vrtc2024.

## Tùy chỉnh Google Drive offline

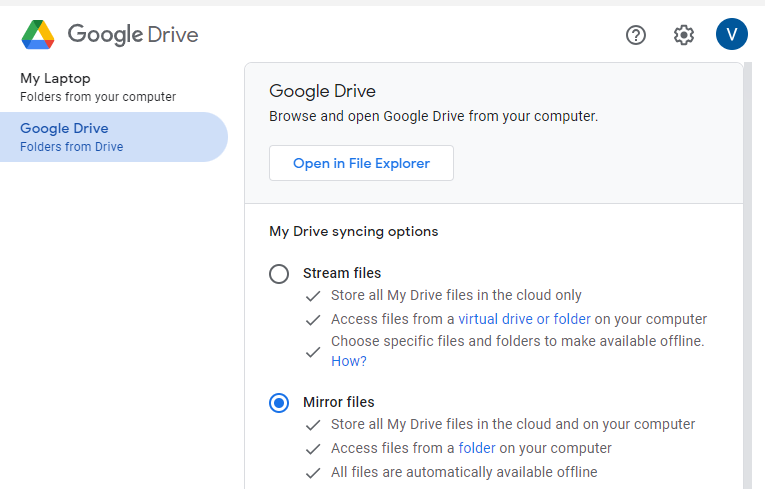
Chọn biểu tượng Google Drive  từ góc taskbar dưới cùng bên phải của màn hình:



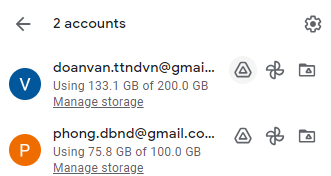
Chọn Preferences từ biểu tượng cài đặt: 

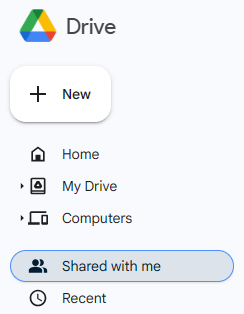


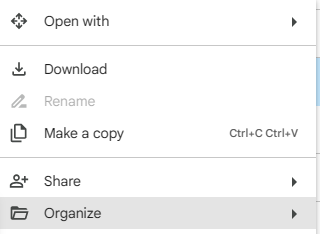
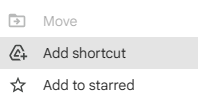
Cài đặt chế độ "Mirror files" thay vì "Stream files" trong Google Drive, mục đích là có thể thao tác với tệp khi không kết nối internet.

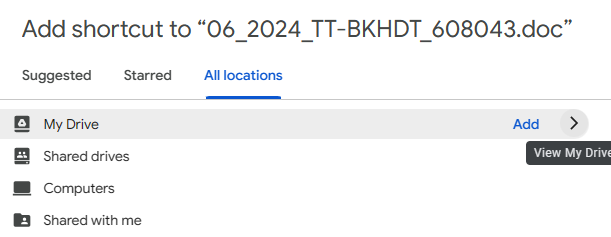


Bước 3: Click biểu tượng  để đăng nhập vào Google Drive online, chọn mục "Được chia sẻ với tôi / Shared with me", chọn tiếp "Sắp xếp / "Arrange", chọn tiếp "Thêm lối tắt / Create a short cut", sau đó chọn đường dẫn mong muốn. Bây giờ đ/c có thể quan sát thấy gốc bên phải màn hình máy tính của đ/c có biểu tượng Google Drive đang đồng bộ tệp tin.







Chọn biểu tượng  để đi tới vị trí cần chọn

Sau khi chọn vị trí muốn lưu tệp thì nhấn 

# Giao diện chính

'=========BUTTON =============

Private Sub btnCloseUI\_Click()

Unload Me

On Error Resume Next

Workbooks("PhanMemDauThau.xlsm").Windows(1).Visible = True

End Sub

Private Sub btnDLG\_CB\_Click()

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 2 'page Can bo

End Sub

Private Sub btnDLG\_NhaThau\_Click()

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 1 'page Nha thau

End Sub

Private Sub btnGo\_TraCuu\_Click()

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 4 'page Tra cuu

End Sub

' =================== BANG CHAM CONG ======================

Private Sub btnGoToBangCongTong\_Click()

showBangCongTongBinary

End Sub

'Xem bang view cong tong >> BC su dung ngay cong

Private Sub btnBCChamCong\_Click()

showBCBangCongTong 'modConfig

End Sub

'Thao tac cham cong tung de tai

Private Sub btnChamCong\_Click() 'Chon file de mo

Dim fileDialog As fileDialog, selectedFile As Variant, defaultFolder As String

defaultFolder = shConfig.Range("B5").value & "\5. ChamCong"

Set fileDialog = Application.fileDialog(msoFileDialogFilePicker) ' Create a FileDialog object as a File Picker dialog

fileDialog.AllowMultiSelect = False ' Allow the user to select only one file

fileDialog.InitialFileName = defaultFolder ' Set the default folder path

fileDialog.Title = Telex("Haxy chojn file chaasm coong ddeef tafi cura bajn:")

' Display the dialog box and capture the selected file

If fileDialog.Show = -1 Then

selectedFile = fileDialog.SelectedItems(1) ' Get the selected file name and open the workbook

Workbooks.Open selectedFile ' Open the workbook

End If

Set fileDialog = Nothing ' Clear the FileDialog object from memory

End Sub

'======== Truy cap trang web ====================================

Private Sub btnGoToMangDTQG\_Click()

Dim webUrl As String

webUrl = "https://muasamcong.mpi.gov.vn/"

ActiveWorkbook.FollowHyperlink Address:=webUrl, NewWindow:=True

End Sub

Private Sub btnGoToBaoDT\_Click()

Dim webUrl As String

webUrl = "http://thongtindauthau.com.vn/TimKiemThongBaoMoiThau"

ActiveWorkbook.FollowHyperlink Address:=webUrl, NewWindow:=True

End Sub

Private Sub btnGoToTraHoaDon\_Click()

Dim webUrl As String

webUrl = "https://www.meinvoice.vn/tra-cuu"

ActiveWorkbook.FollowHyperlink Address:=webUrl, NewWindow:=True

End Sub

'========Mo form CSDL hang hoa===================================

Private Sub btnopenformdsdodung\_Click()

' Unload Me

fDT\_DLG.Show

End Sub

'======== Mo form Nhap kho ========================================

Private Sub btnopenformnhapkho\_Click()

' Unload Me

fDT\_Nhapkho.Show

End Sub

'========= Mo form Xuat kho ======================================

Private Sub btnopenformxuatkho\_Click()

' Unload Me

fDT\_XuatKho.Show

End Sub

'========== Mo form Dau thau =======================================

Private Sub btnGoToFrmDauThau\_Click()

' Unload Me

fDT\_DauThau.Show

End Sub

'========== Mo form Tra cuu ======================================

Private Sub btnGoToFromTraCuu\_Click()

' Unload Me

frmtracuu.Show

End Sub

Private Sub btnDuToan\_Click()

fDT\_DuToan.Show

' Unload Me

End Sub

'===========| Mo giao dien chinh |======================

Private Sub UserForm\_Initialize()

Dim TemplateFolderPath As String, ExistState As Boolean

'Check template folder

TemplateFolderPath = shConfig.Range("B4") 'Template folder path

' ExistState = f\_CheckFolderExist(TemplateFolderPath) 'Check if exist, call from modConfig

' If ExistState = False Then ps\_PickTemplateFolder 'call from fDT\_config

'UnHide Exel app and workbook Phan mem

Application.Visible = True

Workbooks("PhanMemDauThau.xlsm").Windows(1).Visible = True

End Sub

Private Sub UserForm\_Terminate()

Application.Visible = True

Workbooks("PhanMemDauThau.xlsm").Windows(1).Visible = True

ps\_HideSheetDuToan 'call from mDT\_Config

ps\_HideSheetDuLieuGoc 'call from mDT\_Config

End Sub

# Module đấu thầu

Tính năng

Thành phần

Nguyên lý hoạt động

Thao tác

## Mã code module mDT\_DauThau

Option Explicit

'===========| PROJECT |=========================

'Tao project goi thau moi

Sub SaveCurrentProjectDauThau()

Application.ScreenUpdating = False

Dim saveFilePath As String, sourceSheetName As String, SelectState As Boolean

saveFilePath = shConfig.Range("B6").value

sourceSheetName = "InputDauThau"

SelectState = f\_CopyASheetToNewWorkbook(saveFilePath, sourceSheetName) 'call Function

If SelectState = True Then

Debug.Print " + Saved current project Dau thau"

MsgBox " + Da luu project goi thau"

End If

Application.ScreenUpdating = True

End Sub

'Luu project dang thuc hien: Lay du lieu tu sheet config

Sub TaoProjectDauThauMoi()

Application.ScreenUpdating = False

Dim saveFilePath As String, sourceSheetName As String, NewFilePath As String, SelectState As Boolean

'Chon vi tri file excel du lieu goi thau can tao moi

NewFilePath = Application.GetSaveAsFilename(InitialFileName:=ThisWorkbook.Path, FileFilter:="Excel Workbook (\*.xlsx), DuLieuNhap.xlsx", Title:=cfgMsgTitle)

If NewFilePath = "False" Then 'Check if the user clicked "Cancel" in the Save As dialog

MsgBox "D/c chua tao moi du lieu goi thau", vbCritical, cfgMsgTitle 'goi tu mDT\_config

Exit Sub

Else 'Neu da chon duoc file

'Luu project hien tai

sourceSheetName = "InputDauThau"

saveFilePath = shConfig.Range("B6").value

SelectState = f\_CopyASheetToNewWorkbook(saveFilePath, sourceSheetName) 'call Function

ClearInputDauThau 'Clear du lieu dau thau trong wb phan mem

shConfig.Range("B6").value = NewFilePath 'Luu duong dan moi

'Write data from wb phan mem to a new workbook as copying the sheet "InputDauThau"

SelectState = f\_CopyASheetToNewWorkbook(NewFilePath, sourceSheetName)

'copy folder DuAn\_template

Dim templateFolder As String, selectedFolder As String

templateFolder = ThisWorkbook.Path & "\CSDL\DuAn\_template" 'Blank template Folder DuAn

selectedFolder = GetParentFolderPath(shConfig.Range("B6").value)

shConfig.Range("B5").value = selectedFolder

ps\_CopyAllSubfolderToANewFolder templateFolder, selectedFolder 'Copy subfolders

fDT\_DauThau.lMsgBottom.Caption = Telex("DDax tajo mowsi") & " project " & Telex("ddaasu thaafu!")

Debug.Print " + Created a new project, path saved at: shConfig, Range B6"

End If

ps\_HideSheetDuToan 'Hide sheets Du toan

ps\_HideSheetDuLieuGoc 'Hide sheets DLG

Application.ScreenUpdating = True

End Sub

Sub ps\_CopyAllSubfolderToANewFolder(SourcePath As String, destinationFolderPath As String)

Dim fso As Object, SourceFolder As Object, subFolder As Object ' Khai bao Folder

Set fso = CreateObject("Scripting.FileSystemObject") ' Create a FileSystemObject

Set SourceFolder = fso.GetFolder(SourcePath) ' Get the source folder path

' Loop through the sub-folders in the source folder

For Each subFolder In SourceFolder.subfolders

fso.CreateFolder destinationFolderPath & "\" & subFolder.Name ' Create the corresponding sub-folder in the destination folder

fso.CopyFolder subFolder.Path, destinationFolderPath & "\" & subFolder.Name ' Copy all files and folders within the sub-folder

Next subFolder

Set fso = Nothing ' Clean up objects

Set SourceFolder = Nothing ' Clean up objects

End Sub

Function GetParentFolderPath(ByVal FilePath As String) As String

If Right(FilePath, 1) = "\" Then FilePath = Left(FilePath, Len(FilePath) - 1) ' Remove trailing backslash if present

GetParentFolderPath = Left(FilePath, InStrRev(FilePath, "\") - 1) ' Get the parent path

End Function

'Dung cho sub TaoProjectMoi

Private Function f\_CopyASheetToNewWorkbook(saveFilePath As String, sourceSheetName As String) As Boolean

Application.DisplayAlerts = False 'Tat canh bao cua EX

Dim newWorkbook As Workbook, sourceSheet As Worksheet

Set sourceSheet = ThisWorkbook.Sheets(sourceSheetName)

Set newWorkbook = Workbooks.Add ' Create a new workbook

If newWorkbook.Sheets(1).Name = "InputDauThau" Then newWorkbook.Sheets(1).Name = "Sheet1"

sourceSheet.Copy Before:=newWorkbook.Sheets(1) ' Copy the source sheet to the new workbook

On Error Resume Next

newWorkbook.Sheets("Sheet1").Delete 'Delete Sheet1

On Error GoTo 0

' Save the new workbook with the specified name and close it

On Error Resume Next

newWorkbook.SaveAs saveFilePath

newWorkbook.Close

Set sourceSheet = Nothing

Set newWorkbook = Nothing

Debug.Print " + f\_CopyASheetToNewWorkbook DONE: " & saveFilePath

Application.DisplayAlerts = True 'Bat canh bao cua EX

End Function

'Dung de import du lieu tu file xlsx cua cac goi thau cu the khi can xem lai

'Note: Tuyet doi khong xoa cac dong 1-4 se gay sai lech

Sub TiepTucProjectDauThau()

Dim srcFilePath As String, desFilePath As String, desWsName As String, scrWsName As String, FuncState As Boolean

desFilePath = ThisWorkbook.Path & "\" & ThisWorkbook.Name

desWsName = "InputDauThau"

scrWsName = "InputDauThau"

' Prompt the user to select the source workbook

srcFilePath = Application.GetSaveAsFilename(InitialFileName:=ThisWorkbook.Path, FileFilter:="Excel Workbook (\*.xlsx), \*.xlsx", \_

Title:="Chon project goi thau dang thuc hien:")

FuncState = f\_ImportDataFromExcelFile(srcFilePath, scrWsName, desWsName, desFilePath) 'call subroutine

If FuncState = False Then MsgBox "D/c chua chon project dau thau can import", vbCritical, cfgMsgTitle 'Neu khong chon duoc file de import

shConfig.Range("B6").value = srcFilePath 'Save path to sheet Config, range B6

Debug.Print "- Imported project: " & desFilePath

End Sub

' Dung cho sub TiepTucProjectCu

' Import: Tim tu ben cot A, tra ket qua tim ve cot B

Private Function f\_ImportDataFromExcelFile(srcFilePath As String, scrWsName As String, desWsName As String, desFilePath As String) As Boolean

Dim desWb As Workbook, srcWb As Workbook, desws As Worksheet, srcWs As Worksheet ' Destination workbook, ' Source workbook, Destination sheet, Source sheet

Dim desLastRow As Integer, srcLastRow As Integer, row As Integer ' Last row in destination sheet, Last row in source sheet

Dim desValue As Variant, srcValue As Variant ' Value in destination sheet Column A, Value in source sheet Column A

Dim srcColumnBValue As Variant ' Value in source sheet Column B

' Check if the user clicked "Cancel" in the Open File dialog

If srcFilePath = "False" Then

f\_ImportDataFromExcelFile = False 'De dieu khien truong hop click Cancel

Exit Function

End If

f\_ImportDataFromExcelFile = True

Set desWb = Workbooks.Open(desFilePath) ' Open the destination workbook

Set desws = desWb.Sheets(desWsName) ' Open the destination worksheet

Set srcWb = Workbooks.Open(srcFilePath) ' Open the source workbook

Set srcWs = srcWb.Sheets(scrWsName) ' Open the source worksheet

desLastRow = desws.Cells(desws.Rows.Count, "A").End(xlUp).row ' Find the last row in Column A of the destination sheet

' Loop through each row in Column A of the destination sheet

For row = 4 To desLastRow

desValue = desws.Range("A" & row).value ' Get the value from Column A in the destination sheet

'Copy bang du lieu ma hoa

' Loop through each row in Column H of the source sheet to find a matching value

srcLastRow = srcWs.Range("A" & srcWs.Rows.Count).End(xlUp).row ' Find the last row in Column H of the source sheet >>Can sua

For Each srcValue In srcWs.Range("A4:A" & srcLastRow).value

If desValue = srcValue Then

' If a match is found, get the value from Column B of the source sheet !! Chu y +6 la do co 3 dong o phia tren

srcColumnBValue = srcWs.Cells(Application.Match(desValue, srcWs.Range("A4:A" & srcLastRow), 0) + 3, "B").value

' Write the value from Column I of the source sheet to Column I of the destination sheet

desws.Range("B" & row).value = srcColumnBValue

Exit For ' Exit the loop as the match is found

End If

Next srcValue

Next row

'Copy cac bang du lieu con lai

srcWs.Range("D4:AU" & desLastRow).Copy desws.Range("D4")

srcWb.Close SaveChanges:=False ' Close the source workbook without saving changes

Set desWb = Nothing

Set desws = Nothing

Set srcWb = Nothing

Set srcWs = Nothing

Debug.Print " + Imported file: " & srcFilePath

End Function

'=============| AN - HIEN CAC WORKSHEET |=====================

'Subroutine Hide wsheet du toan

Sub ps\_HideSheetDuToan()

shCK.Visible = xlSheetHidden

shCLD.Visible = xlSheetHidden

shChiTietKP.Visible = xlSheetHidden

shInputDuToan.Visible = xlSheetHidden

shNVL.Visible = xlSheetHidden

shTongDuToan.Visible = xlSheetHidden

shTTB.Visible = xlSheetHidden

shInputDuToan.Visible = xlSheetHidden

Debug.Print " + Da an cac worksheet du toan"

End Sub

'Subroutine UnHide wsheet du toan

Sub ps\_UnHideSheetDuToan()

shCK.Visible = xlSheetVisible

shCLD.Visible = xlSheetVisible

shChiTietKP.Visible = xlSheetVisible

shInputDuToan.Visible = xlSheetVisible

shNVL.Visible = xlSheetVisible

shTongDuToan.Visible = xlSheetVisible

shTTB.Visible = xlSheetVisible

shInputDuToan.Visible = xlSheetVisible

Debug.Print " + Da hien cac worksheet du toan"

End Sub

'Subroutine Hide wsheet du toan

Sub ps\_HideSheetDuLieuGoc()

shCSDL\_HH.Visible = xlSheetHidden

shNhaThau.Visible = xlSheetHidden

shCanBo.Visible = xlSheetHidden

shMenu.Visible = xlSheetHidden

' shConfig.Visible = xlSheetHidden

End Sub

'Subroutine UnHide wsheet du toan

Sub ps\_UnHideSheetDuLieuGoc()

shCSDL\_HH.Visible = xlSheetVisible

shNhaThau.Visible = xlSheetVisible

shCanBo.Visible = xlSheetVisible

shMenu.Visible = xlSheetVisible

' shConfig.Visible = xlSheetVisible

End Sub

'=============| CLEAR DU LIEU INPUT |=============

Sub ClearInputDauThau()

Dim ws As Worksheet, lr As Integer

Set ws = shInputData

'Clear du lieu ma hoa

lr = TimDongCuoiCuaSheet(ws, "A")

If lr > 4 Then ws.Range("B4:AV" & lr).Clear

Debug.Print " + Da xoa toan bo du lieu dau thau input"

Set ws = Nothing

End Sub

# Module dự toán

Tính năng

Thành phần

Nguyên lý hoạt động

Thao tác

## Mã code thành phần module mDT\_DuToan

'==================== QUAN LY WORKBOOK ===========================

'======= FORMAT BANG EXCEL DU TOAN DA XUAT RA ===============

'Format all sheets which includes keyword

Sub FormatBangExcelXuatDuToan()

Application.ScreenUpdating = False

Dim ws As Worksheet, cell As Range, rng As Range, keyword As String, lr As Long, blankFound As Boolean

Dim col As Byte

'Check and format each ws

For Each ws In Workbooks("Xuat\_file\_du\_toan.xlsx").Worksheets

' Check if "(blank)" exists in the range

keyword = "(blank)"

lr = TimDongCuoiCuaSheet(ws, "A")

For Each cell In ws.Range("A5:A" & lr)

If cell.value = "(blank)" Then

blankFound = True 'Neu tim thay, save flag in blankFound

Exit For

End If

Next cell

'Xoa dong chua keyword "(blank)"

If blankFound Then

Set rng = ws.Range("A5").CurrentRegion

ps\_DeleteRowsWithKeyword rng, keyword

Debug.Print " + Da xoa dong co cot A chua:" & keyword & " - worksheet: " & ws.Name

Select Case ws.Name

Case "Muc12"

ws.Activate

ps\_FormatMuc12 'Gop ten thanh vien, noi dung, cong viec

ps\_DeleteRowsIfCellValNotInList rng 'Xoa het, tru ten thanh vien

ws.Rows(4).Delete

ws.Columns("B:B").Insert

ws.Columns("D:D").Cut

ws.Columns("C:C").Insert Shift:=xlToRight

ws.Range("A3").value = Telex("Hoj vaf teen, caasp baajc, hojc hafm, hojc vij")

ws.Range("B3").value = Telex("Toor chuwsc coong tasc")

ws.Range("C3").value = Telex("Nooji dung, coong vieejc chisnh tham gia")

ws.Range("D3").value = Telex("Thowfi gian lafm vieejc cho nhieejm vuj (Soos thasng quy ddoori)")

ws.Columns("A:A").Insert

ws.Range("A3").value = "STT"

ws.Range("A3:E3").WrapText = True 'wrap text

lr = TimDongCuoiCuaSheet(ws, "B")

ws.Range("D" & lr + 1).value = Telex("Toorng thowfi gian:")

ws.Range("E" & lr + 1).value = Application.WorksheetFunction.Sum(ws.Range("E6:E" & lr))

For i = 4 To lr

On Error Resume Next

ws.Cells(i, 1).value = i - 3

ws.Cells(i, 3).value = f\_Vlookup(Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan").Range("DS\_ThanhVien"), ws.Cells(i, 2).value, 2)

Next i

Case "Muc21"

ws.Activate

ws.Columns("B:B").Insert

ws.Columns("B:B").Insert

ws.Columns("B:B").Insert

ws.Columns("B:B").Insert

ws.Range("A5").value = "STT"

ws.Range("B5").value = Telex("Casc nooji dung, coong vieejc chur yeesu caafn dduwowjc thuwjc hieejn; casc moosc ddasnh gias chur yeesu")

ws.Range("C5").value = Telex("Keest quar phari ddajt")

ws.Range("D5").value = Telex("Thowfi gian (bawst ddaafu, keest thusc)")

ws.Range("E5").value = Telex("Cas nhaan, toor chuwsc thuwjc hieejn")

ws.Range("F5").value = Telex("Duwj kieesn kinh phis")

lr = TimDongCuoiCuaSheet(ws, "A")

'vlookup noi dung nc theo ky hieu nd nc

For i = 6 To lr

On Error Resume Next

ws.Cells(i, 2).value = f\_Vlookup(Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan").Range("DS\_NDNC"), ws.Cells(i, 1).value, 2)

ws.Cells(i, 5).value = Telex("CNNV vaf casc thafnh vieen") 'cot E

Next i

'I.Xay dung TMNV

ws.Rows(5 + 1).Insert Shift:=xlDown

ws.Range("A6").value = "I"

ws.Range("B6").value = Telex("Xaay duwjng TMNV")

ws.Range("C6").value = Telex("Toorng quan ddaafy ddur, TMNV dduwowjc HDD KH&CN thoong qua")

ws.Range("E6").value = Telex("CNNV vaf casc thafnh vieen")

ws.Range("F6").value = 0

'II. Noi dung nghien cuu

ws.Rows(6 + 1).Insert Shift:=xlDown

ws.Range("A7").value = "II"

ws.Range("B7").value = Telex("II. Nooji dung nghieen cuwsu")

ws.Range("C7").value = Telex("DDusng tieesn ddooj, ddaafy ddur sarn phaarm theo ddawng kys")

ws.Range("E7").value = Telex("CNNV vaf casc thafnh vieen")

lr = TimDongCuoiCuaSheet(ws, "F")

If ws.Range("A" & lr).value = Telex("Coojng:") Then

ws.Range("F7") = ws.Range("F" & lr).value

ws.Rows(lr).Delete

End If

'III.Xay dung BCTK

lr = TimDongCuoiCuaSheet(ws, "F") 'Update lr

ws.Range("A" & lr + 1).value = "III"

ws.Range("B" & lr + 1).value = Telex("Xaay duwjng BCTK")

ws.Range("C" & lr + 1).value = Telex("DDusng tieesn ddooj, ddaafy ddur sarn phaarm theo ddawng kys, dduwowjc HDD KH&CN thoong qua")

ws.Range("E" & lr + 1).value = Telex("CNNV vaf casc thafnh vieen")

ws.Range("F" & lr + 1).value = 0

ws.Range("A5:F" & lr + 1).WrapText = True 'wrap text

Case "Muc26"

Dim lc As Byte 'last column

ws.Activate

' Move the last row to the 6th row

lr = TimDongCuoiCuaSheet(ws, "A") ' Find the last row

Rows(lr).Cut

Rows(6).Insert Shift:=xlDown

Rows(lr + 1).Delete ' Clear the original location of the moved row

ws.Range("A6").value = Telex("Ngaan sasch SNKH:")

' Move the last column to the 2nd column

lc = ws.Cells(5, Columns.Count).End(xlToLeft).Column 'Hang 5 du data hon

Columns(lc).Copy

Columns(2).Insert Shift:=xlToRight

Columns(lc + 1).Delete ' Clear the original location of the moved column

' Loop through each column from column 1 to the last column

For col = 1 To lc

If Cells(5, col).value = "(blank)" Then ' Check if the cell in row 5 of the current column contains "(blank)"

Columns(col).Delete ' Delete the entire column if "(blank)" is found

col = col - 1 ' Decrement the column counter since a column was deleted

lc = lc - 1 ' Decrement the last column variable since a column was deleted

End If

Next col

'Row 5

ws.Range("A5").value = Telex("Nguoofn kinh phis")

ws.Range("B5").value = Telex("Toorng soos")

Rows(4).Clear

Case "BieuI4"

ws.Activate

Rows(4).Clear

' Move the last column to the 2nd column

lc = ws.Cells(5, Columns.Count).End(xlToLeft).Column 'Hang 5 du data hon

Columns(lc).Copy

Columns(2).Insert Shift:=xlToRight

Columns(lc + 1).Delete ' Clear the original location of the moved column

'Cot A

Columns(1).Insert

lr = TimDongCuoiCuaSheet(ws, "B") ' Find the last row

For i = 6 To lr - 1: ws.Cells(i, 1).value = i - 6 + 1: Next i

Columns(3).Insert

For i = 6 To lr: ws.Cells(i, 3).value = ws.Cells(i, 4).value: Next i

Columns("F").Insert

Columns("H").Insert

ws.Range("A5").value = "STT"

ws.Range("C5").value = Telex("Toorng kinh phis")

ws.Range("D5").value = Telex("Toorng soos")

ws.Range("F5").value = Telex("Trong ddos, khoasn chi theo quy ddijnh")

ws.Range("H5").value = Telex("Trong ddos, khoasn chi theo quy ddijnh")

Case "BieuI5"

ws.Activate

lr = TimDongCuoiCuaSheet(ws, "A") ' Find the last row

Columns(1).Insert

For i = 6 To lr - 1

ws.Cells(i, 1).value = i - 6 + 1 'Them STT

'Neu string chua dau "-" thi lay text tu ben phai sang, chieu dai text = len() - 2

If Left(ws.Cells(i, 2), 1) = "-" Then ws.Cells(i, 2) = Right(ws.Cells(i, 2), Len(ws.Cells(i, 2)) - 2)

Next i

ws.Range("A5").value = Telex("STT")

ws.Range("B5").value = Telex("Chuwsc danh")

ws.Range("C5").value = Telex("Soos ngafy coong quy ddoori (thasng)")

ws.Range("D5").value = Telex("Ngaan sasch Nhaf nuwowsc (trieeju ddoofng)")

ws.Range("E5").value = Telex("Ngaan sasch ngoafi Nhaf nuwowsc (trieeju ddoofng)")

'Dinh dang 3 so sau dau thap phan

ws.Range("C6:D" & lr).NumberFormat = "\_-\* #,##0.000\_-;-\* #,##0.000\_-;\_-\* ""-""??\_-;\_-@\_-"

ws.Range("A5:E" & lr + 1).WrapText = True 'wrap text

ws.Rows(3).Clear

Case "ThuLao\_ThanhVien"

ws.Activate

lr = TimDongCuoiCuaSheet(ws, "A") ' Find the last row

Columns(1).Insert

Dim num As Byte

num = 0

For i = 6 To lr - 1

If Not Left(ws.Cells(i, 2), 1) = "-" Then

num = num + 1

ws.Cells(i, 1).value = num 'Them STT

Rows(i).Font.Bold = True

End If

Next i

' Move the last column to the 2nd column

lc = ws.Cells(6, Columns.Count).End(xlToLeft).Column 'Hang 5 du data hon

'Tim cot chua text = Tong kinh phi, Loop through each cell in row 4 to find the target value

For col = 1 To lc

If Cells(4, col).value = Telex("Toorng kinh phis") Then

ws.Cells(5, lc - 1).value = Telex("Coojng")

ws.Cells(5, lc).value = Telex("Coojng")

Columns(lc - 1).Copy

Columns(col).Insert Shift:=xlToRight 'chen du lieu cot vao truoc cot Tong kinh phi

Columns(lc).Delete ' Clear the original location of the moved column

Exit For

End If

Next col

'merge and rename So ngay cong quy doi

ws.Range(Cells(4, 3), Cells(4, col)).Clear

ws.Range(Cells(4, 3), Cells(4, col)).Merge

ws.Range("C4").value = Telex("Soos ngafy coong quy ddoori (thasng)")

'merge and rename Tong kinh phi

ws.Range(Cells(4, col + 1), Cells(4, lc)).Clear

ws.Range(Cells(4, col + 1), Cells(4, lc)).Merge

ws.Cells(4, col + 1).value = Telex("Ngaan sasch Nhaf nuwowsc (trieeju ddoofng)")

'merge cac cells

ws.Range("A4:A5").Merge

ws.Range("A4").value = "STT"

ws.Range("B4:B5").Merge

'can chinh tieu de Head

ws.Range(Cells(4, 1), Cells(5, lc)).Select

Selection.Font.Bold = True

Selection.VerticalAlignment = xlCenter

Selection.HorizontalAlignment = xlCenter

Selection.WrapText = True

ws.Rows(3).Clear

ws.Rows(lr).Font.Bold = True

Case "BieuI6"

ws.Activate

'Move col cuoi cung len cot truoc "Tong kinh phi"

lc = ws.Cells(6, Columns.Count).End(xlToLeft).Column 'Hang 5 du data hon

For col = 1 To lc

If Cells(4, col).value = Telex("Toorng kinh phis") Then

ws.Cells(5, lc - 1).value = Telex("Toorng") 'Rename de khoi nham cot

ws.Cells(5, lc).value = Telex("Toorng") 'Rename de khoi nham cot

Columns(lc).Cut

Columns(col).Insert Shift:=xlToRight 'chen du lieu cot vao truoc cot Tong kinh phi

' Columns(lc).Delete ' Clear the original location of the moved column

Exit For

End If

Next col

'Move col gan cuoi len cot 2

Columns(lc).Cut 'lc-1 da tro thanh lc sau khi chuyen lc len truoc

Columns(2).Insert Shift:=xlToRight 'chen du lieu cot vao truoc cot Tong kinh phi

Columns(2).Insert 'Chen col 2 de ghi noi dung nghien cuu

'check neu tung gia tri cot 1 khong phai so thi copy sang ben canh, xoa cell goc

lr = TimDongCuoiCuaSheet(ws, "A") ' Find the last row

For Each cell In ws.Range("A6:A" & lr)

If Not IsNumeric(cell.value) Then

If Left(cell.value, 1) = "-" Then ws.Rows(cell.row).Font.Italic = True

cell.Offset(0, 1).value = cell.value

cell.value = ""

Else 'vlookup noi dung nc

cell.Offset(0, 1).value = f\_Vlookup(Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan").Range("DS\_NDNC"), cell.value, 2)

End If

Next cell

'Chen cot he so lao dong va dinh muc thu lao

ws.Columns(3).Insert

ws.Columns(4).Insert

'loop to check chuc danh nghien cuu de tra ve he so CLD va dinh muc

For Each cell In ws.Range("B6:B" & lr)

Select Case cell.value

Case Telex("- Thafnh vieen chisnh"), Telex("- Thafnh vieen"), Telex("- Kyx thuaajt vieen")

cell.Offset(0, 1).value = f\_Vlookup(Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan").Range("HS\_tiencong"), cell.value, 2)

cell.Offset(0, 2).value = Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan").Range("DinhMucTienCong").value

End Select

Next cell

'move last row

ws.Rows(lr).Cut

ws.Rows(6).Insert Shift:=xlDown

'format Head

ws.Range("A5").value = "STT"

ws.Range("B5").value = Telex("Nooji dung coong vieejc")

ws.Range("C5").value = Telex("Heej soos lao ddoojng")

ws.Range("D5").value = Telex("DDijnh muwsc thuf lao (trieeju ddoofng)")

ws.Range("A6").value = "II"

ws.Range("B6").value = Telex("Nooji dung nghieen cuwsu")

Case "BieuI7"

ws.Activate

'Move thanh tien sang phai toi last col

ws.Columns("F:G").Cut

ws.Columns("K").Insert Shift:=xlToRight

'Xoa cac cot khong dung

ws.Columns("B:E").Delete

'Chen cot don vi do va vlookup gia tri

ws.Columns("B").Insert

'Chen cot STT

ws.Columns("A").Insert

lr = TimDongCuoiCuaSheet(ws, "B")

For i = 6 To lr - 1

ws.Cells(i, 1).value = i - 6 + 1

On Error Resume Next

ws.Cells(i, 3).value = MyLookup(Workbooks("Xuat\_file\_du\_toan.xlsx").Sheets("BieuI7").Cells(i, 2).value, \_

Workbooks("PhanMemDauThau.xlsm").Sheets("ChiTietKP\_DuToan").Range("ChiTietKP\_DuToan"), 11, 12) 'cot L

Next i

'head

ws.Range("A4").value = "STT"

ws.Range("B4").value = Telex("Nooji dung")

ws.Range("C4").value = Telex("DDown vij ddo")

Case "BieuI8"

ws.Activate

Case "BieuI9"

ws.Activate

'Them cot don vi tinh

lc = ws.Cells(6, Columns.Count).End(xlToLeft).Column 'Hang 6 du data hon

lr = TimDongCuoiCuaSheet(ws, "A")

For i = 6 To lr - 1

On Error Resume Next

Cells(i, lc + 1).value = MyLookup(Workbooks("Xuat\_file\_du\_toan.xlsx").Sheets(ws.Name).Cells(i, 1).value, \_

Workbooks("PhanMemDauThau.xlsm").Sheets("ChiTietKP\_DuToan").Range("ChiTietKP\_DuToan"), 11, 12) 'cot L

If Not Cells(i, lc + 1).value = "" Then

Cells(i, 1).value = Cells(i, 1).value & vbNewLine & Cells(i, lc - 2).value & " " & Cells(i, lc + 1).value & " x " & \_

Cells(i, lc - 1).value & Telex(" trieeju dd/") & Cells(i, lc + 1).value & " = " & \_

Cells(i, lc).value & Telex(" trieeju dd")

Else

Rows(i).Font.Bold = True

End If

Next i

Columns(lc + 1).Delete

For Each cell In ws.Range(Cells(4, 1), Cells(4, lc))

Select Case cell.value

Case Telex("Total Soos luwowjng"), Telex("Total DDown gias"), Telex("Soos luwowjng"), Telex("DDown gias")

Columns(cell.Column).Delete

End Select

Next cell

' Columns("B:G").Delete

End Select

End If

Next ws

Set cell = Nothing

Set rng = Nothing

fDT\_DuToan.lMsg.Caption = Telex("Hoafn thafnh xuaast duwj toasn!")

Application.ScreenUpdating = False

End Sub

'Xoa dong chua du lieu co chua keyword

Private Sub ps\_DeleteRowsWithKeyword(rng As Range, keyword As String)

Application.ScreenUpdating = False ' Disable screen updating to speed up the process

Dim cell As Range, i As Long

' Loop through each cell in column A of the specified range

For i = rng.Rows.Count To 1 Step -1 ' Looping backwards to avoid issues when deleting rows

Set cell = rng.Cells(i, 1) ' Column A

' Check if the cell contains the keyword

If InStr(1, cell.value, keyword, vbTextCompare) > 0 Then cell.EntireRow.Delete ' Delete entire row if the keyword is found

Next i

Set cell = Nothing

Application.ScreenUpdating = True ' Enable screen updating after the loop

End Sub

'Xoa ca dong, neu gia tri cot A khong chua trong bang du lieu

'Dung de xoa Ten chuc danh NC, noi dung, cong viec

Private Sub ps\_DeleteRowsIfCellValNotInList(rng As Range)

Application.ScreenUpdating = False ' Disable screen updating to speed up the process

Dim ws As Worksheet, cell As Range, dataRng As Range, i As Long, lr As Long

Set ws = Workbooks("PhanMemDauThau.xlsm").Sheets("Input\_DuToan")

lr = TimDongCuoiCuaSheet(ws, "B")

Set dataRng = ws.Range("B4:B" & lr)

' Loop through each cell in column A of the specified range

For i = rng.Rows.Count To 1 Step -1 ' Looping backwards to avoid issues when deleting rows

Set cell = rng.Cells(i, 1) ' Column A

If IsError(Application.Match(cell.value, dataRng, 0)) Then cell.EntireRow.Delete ' Delete entire row if the keyword is found

Debug.Print " + Da xoa dong: " & i

Next i

Set dataRng = Nothing

Set ws = Nothing

Application.ScreenUpdating = True ' Enable screen updating after the loop

End Sub

'Format Muc 12 ve Ten thanh vien, chuc danh nghien cuu va noi dung, cong viec de paste vao Bang 12

Private Sub ps\_FormatMuc12()

Dim wb1 As Workbook, wb2 As Workbook, ws1 As Worksheet, ws2 As Worksheet, cell As Range

Dim lastRow As Long, lr As Long, row1 As Long, row2 As Long, i As Long, j As Long, k As Long

Dim text As String, text1 As String, text2 As String, textTV As String, textTVC As String

' Set workbook and worksheet variables

Set wb1 = Workbooks("Xuat\_file\_du\_toan.xlsx")

Set ws1 = wb1.Sheets("Muc12")

' Open the second workbook

Set wb2 = Workbooks("PhanMemDauThau.xlsm")

Set ws2 = wb2.Sheets("Input\_DuToan") ' Set worksheet variable in the second workbook

lastRow = ws1.Cells(ws1.Rows.Count, "A").End(xlUp).row ' Find the last row with data in column A of the first workbook

' Loop through each cell in column A of the first workbook from the last row

lr = lastRow - 1

For i = lastRow To 6 Step -1

'Kiem tra de chon dong co chua Ten thanh vien

If Not IsError(Application.Match(Cells(i, 1).value, ws2.Range("B4:B19"), 0)) Then

Debug.Print "+ Ten TVC/TV: " & i

row1 = i

text1 = ""

text2 = ""

textTV = ""

textTVC = ""

'Kiem tra row co chua Chuc danh NC

For j = lr To row1 Step -1

If Cells(j, 1).value = Telex("- Thafnh vieen") Then

row2 = j

Debug.Print "Row Thanh vien: " & j

For k = row2 + 1 To lr 'row2-1 chi vi tri phia tren Thanh vien/Thanh vien chinh

If Len(Cells(k, 1)) < 3 Then

text1 = text1 & Cells(k, 1) & ", " 'Noi dung co len() <= 2

Else

text2 = text2 & Cells(k, 1) & ", " 'Cong viec co len() > 2

End If

' Debug.Print text

Next k

textTV = Cells(j, 1).value & ": " & Telex("Nooji dung: ") & text1 & vbNewLine & Cells(j, 1).value & Telex(": Coong vieejc: ") & text2

textTV = Left(textTV, Len(textTV) - 2)

Debug.Print textTV

lr = row2 - 1 'Update the last row

'Kiem tra neu co them row Thanh vien chinh

If Cells(j, 1).value = Telex("- Thafnh vieen chisnh") Then

Debug.Print "Row Thanh vien chinh: " & j

text1 = ""

text2 = ""

For k = row2 + 1 To lr 'row2-1 chi vi tri phia tren Thanh vien/Thanh vien chinh

If Len(Cells(k, 1)) < 3 Then

text1 = text1 & Cells(k, 1) & ", " 'Noi dung co len() <= 2

Else

text2 = text2 & Cells(k, 1) & ", " 'Cong viec co len() > 2

End If

' Debug.Print text

Next k

textTVC = Cells(j, 1).value & ": " & Telex("Nooji dung: ") & text1 & vbNewLine & Cells(j, 1).value & Telex(": Coong vieejc: ") & text2

textTVC = Left(textTVC, Len(textTVC) - 2)

Debug.Print textTVC

End If

ElseIf Cells(j, 1).value = Telex("- Thafnh vieen chisnh") Then

row2 = j

Debug.Print "Row Thanh vien chinh: " & j

text1 = ""

text2 = ""

For k = row2 + 1 To lr 'chi vi tri phia duoi Thanh vien/Thanh vien chinh

If Len(Cells(k, 1)) < 3 Then

text1 = text1 & Cells(k, 1) & ", " 'Noi dung co len() <= 2

Else

text2 = text2 & Cells(k, 1) & ", " 'Cong viec co len() > 2

End If

' Debug.Print text

Next k

textTVC = "'" & Cells(j, 1).value & ": " & Telex("Nooji dung: ") & text1 & vbNewLine & Cells(j, 1).value & Telex(": Coong vieejc: ") & text2

textTVC = Left(textTVC, Len(textTVC) - 2)

Debug.Print textTVC

End If

Next j

Cells(i, 1).Offset(0, 2).value = textTVC & vbNewLine & textTV

lr = row1 - 1 'chuyen len thanh vien phia tren

Debug.Print "lr " & lr

End If

Next i

' Release object variables from memory

Set wb1 = Nothing

Set wb2 = Nothing

Set ws1 = Nothing

Set ws2 = Nothing

End Sub

'================= QUAN LY PIVOT TABLE ============

Sub PopulateListBoxWithPivotTableData()

Dim pt As pivotTable

Dim ptItem As PivotItem

Dim listBoxData() As String

Dim i As Long

' Assuming ListBox1 is the name of your list box control on your userform

fDT\_TongDuToan.Show

With fDT\_TongDuToan.lbViewDuToan

.Clear ' Clear existing items

' Set the PivotTable (adjust as needed)

Set pt = shTongDuToan.PivotTables("PivotTable1")

' Resize array to hold all data

ReDim listBoxData(1 To pt.PivotFields.Count)

' Loop through PivotTable data

For Each ptItem In pt.RowFields(1).PivotItems

' Assuming you have one row field, adjust as needed

For i = 1 To pt.PivotFields.Count

' Concatenate PivotItem values into a single string

listBoxData(i) = listBoxData(i) & ptItem.Name & vbTab ' Or use other delimiters as needed

' MsgBox listBoxData(i)

Next i

Next ptItem

' Add data to list box

For i = 1 To UBound(listBoxData)

.AddItem listBoxData(i)

Next i

End With

End Sub

Sub ModifyPivotTable()

Dim ws As Worksheet, pt As pivotTable, pc As PivotCache, rng As Range

Set ws = shTongDuToan ' Set the worksheet where the PivotTable exists

Set rng = Range("ChiTietKP\_DuToan") ' Define the named range "ChiTietKP\_DuToan"

' Check if a PivotTable already exists in the worksheet

On Error Resume Next

Set pt = ws.PivotTables("PivotTable1")

On Error GoTo 0

' If PivotTable doesn't exist, create a new one

If pt Is Nothing Then

' Create a new PivotCache using the named range

Set pc = ThisWorkbook.PivotCaches.Create(xlDatabase, rng)

' Add a new PivotTable to the worksheet

Set pt = pc.CreatePivotTable(TableDestination:=ws.Range("A5"), TableName:="PivotTable1") ' Change "PivotTable1" to your desired name

' Modify the PivotTable as needed

With pt

' Add fields to the PivotTable

.PivotFields("Khoan\_chi").Orientation = xlRowField ' Change "Field1" to your field name

.PivotFields("Nam").Orientation = xlColumnField ' Change "Field2" to your field name

.AddDataField .PivotFields("Tong\_kinh\_phi"), " Tong\_kinh\_phi", xlSum

End With

Else

' If PivotTable already exists, refresh its data

pt.ChangePivotCache ThisWorkbook.PivotCaches.Create(xlDatabase, rng)

pt.RefreshTable

End If

End Sub

'Sub RefreshPivotTable()

' Dim pt As PivotTable

' Set pt = shTongDuToan.PivotTables("PivotTable1")

' pt.RefreshTable

'End Sub

Sub RefreshPivotTable()

shTongDuToan.PivotTables("PivotTable1").RefreshTable

End Sub

Sub formatPt1()

shTongDuToan.Range("A5").CurrentRegion.NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

End Sub

Sub CopyPivotTableAsValuesAndFormatWidth()

Dim srcWs As Worksheet, wsNew As Worksheet

Dim pt As pivotTable

Dim rngCopy As Range, rngPaste As Range, cell As Range

Set srcWs = shTongDuToan ' Set the source worksheet containing the PivotTable

Set pt = srcWs.PivotTables("PivotTable1") ' Set the PivotTable

Set rngCopy = pt.TableRange1 ' Set the range to copy (including the PivotTable and its headers)

' Create a new worksheet to paste the values

Set wsNew = ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Sheets(ThisWorkbook.Sheets.Count))

' wsNew.Name = "PivotTableValues" ' Change the sheet name as needed

' Paste the values to the new worksheet

rngCopy.Copy

wsNew.Range("A1").PasteSpecial Paste:=xlPasteValuesAndNumberFormats

' Adjust column widths to fit content

For Each cell In wsNew.UsedRange

cell.Columns.AutoFit

Next cell

' Clear clipboard

Application.CutCopyMode = False

' Notify user

MsgBox "PivotTable has been copied as values and format width adjusted.", vbInformation

End Sub

'=========== Ham phu lien quan den list box ==========

'Dat vi tri con tro cua listbox

Sub ps\_SetRowPosition(frm As UserForm, lbox As MSForms.ListBox, index As Long)

' Check if the index is within the valid range

If index >= 0 And index < lbox.ListCount Then

lbox.TopIndex = index ' Set the position of the row

Else

MsgBox "So thu tu/ID khong dung"

End If

End Sub

' Ham index - match thay cho vlookup

' Tim gia tri trong 1 range, neu biet cot chua du lieu goc ve cot gia tri tim kiem va cot gia tri tra ve

Function MyLookup(ByVal lookupValue As Variant, ByVal lookupRange As Range, ByVal findCol As Byte, ByVal returnColumn As Byte) As Variant

Dim matchResult As Variant, rng As Range

matchResult = Application.Match(lookupValue, lookupRange.Columns(findCol), 0) 'Tim vi tri cua gia tri tim kiem

If IsError(matchResult) Then

MyLookup = "" ' Neu ko thay ket qua, tra ve gia tri rong

Else

MyLookup = Application.index(lookupRange.Columns(returnColumn), matchResult) 'Dung ham INDEX de truy xuat gia tri can tim

End If

End Function

'Sub testMylookup() 'da chay

'Workbooks("Xuat\_file\_du\_toan.xlsx").Activate

' MsgBox MyLookup(Workbooks("Xuat\_file\_du\_toan.xlsx").Sheets("BieuI7").Cells(6, 2).value, \_

' Workbooks("PhanMemDauThau.xlsm").Sheets("ChiTietKP\_DuToan").Range("ChiTietKP\_DuToan"), 11, 12)

'End Sub

## Mã code thành phần userform

Option Explicit

Private Sub btnEditCB1\_Click()

fDT\_TraCuu.Show

fDT\_TraCuu.cbTypeSearch.SetFocus

fDT\_TraCuu.cbTypeSearch.text = Telex("Casn booj")

End Sub

Private Sub cbSetTVien\_Change()

'index-match

Dim ws As Worksheet

Dim CanBo As String, lr As Long

Set ws = shCanBo

lr = TimDongCuoiCuaSheet(ws, "A")

txtDonVi.text = Excel.WorksheetFunction.index(ws.Range("C3:C" & lr), Excel.WorksheetFunction.Match(CanBo, ws.Range("D3:D" & lr), 0))

End Sub

Private Sub mltDuToan\_Change()

Select Case mltDuToan.value

Case 0 'page 1

'cbox Cap chu quan

Case 1 'page 2

Case 2 'page 3

End Select

End Sub

'==== KHOI CHAY USERFORM ======

'Khoi chay userform: Hien thi combobox, listbox

Private Sub UserForm\_Initialize()

Dim lr As Long, i As Long, itemsArray() As Variant

With Me

lr = TimDongCuoiCuaSheet(shChiTietKP, "A")

On Error Resume Next

ThisWorkbook.Names("ChiTietKP\_DuToan").Delete

ThisWorkbook.Names.Add Name:="ChiTietKP\_DuToan", RefersTo:=shChiTietKP.Range("A3:R" & lr)

.mltDuToan.value = 0

.lbdata.RowSource = ""

itemsArray = Array(Telex("Booj KH&CN"), Telex("Booj Quoosc phofng"), Telex("Sowr KH&CN TP.HCM"), Telex("Sowr KH&CN Haf Nooji"), Telex("Sowr KH&CN Vuxng Tafu"), Telex("Sowr KH&CN DDoofng Nai"), \_

"----------------", Telex("Toorng cujc Kyx thuaajt"), Telex("Toorng cujc Coong nghieejp Quoosc phofng"), Telex("Trung taam Nhieejt ddowsi Vieejt - Nga"), "----------------", \_

Telex("Vieejn DDooj Beefn"), Telex("Vieejn Y sinh nhieejt ddowsi"), Telex("Vieejn Sinh thasi nhieejt ddowsi"), Telex("Phaan vieejn Coong ngheej sinh hojc"), Telex("Phaan vieejn Hosa - Mooi truwowfng"), \_

Telex("Chi nhasnh Phisa Nam"), Telex("Chi nhasnh Ven Bieern"), Telex("Trung taam Chuyeern giao Coong ngheej mowsi"))

' Add items to the ComboBox

For i = LBound(itemsArray) To UBound(itemsArray): Me.cbCapChuQuan.AddItem itemsArray(i): Next i

'cb setting thanh vien nhiem vu

.cbSetTVien.AddItem Telex("- Chur nhieejm nhieejm vuj")

.cbSetTVien.AddItem Telex("- Thuw kys nhieejm vuj")

.cbSetTVien.AddItem Telex("- Thafnh vieen chisnh")

.cbSetTVien.AddItem Telex("- Thafnh vieen")

.cbSetTVien.AddItem Telex("- Kyx thuaajt vieen, nhaan vieen hoox trowj")

'lua chon muc chi cbMucChi

.cbMucChi.AddItem Telex("Thuf lao tham gia nhieejm vuj")

.cbMucChi.AddItem Telex("Thuee chuyeen gia")

.cbMucChi.AddItem Telex("Nguyeen, vaajt lieeju, nawng luwowjng")

.cbMucChi.AddItem Telex("Masy mosc, thieest bij nghieen cuwsu")

.cbMucChi.AddItem Telex("Xaay duwjng, suwra chuwxa nhor")

.cbMucChi.AddItem Telex("Chi khasc")

.cbChucDanh.AddItem Telex("- Thafnh vieen chisnh")

.cbChucDanh.AddItem Telex("- Thafnh vieen")

.cbChucDanh.AddItem Telex("- Kyx thuaajt vieen, nhaan vieen hoox trowj")

Me.cbNam1.Clear

For i = 2024 To 2030: Me.cbNam1.AddItem i: Next i 'combo box nam 1

Me.cbNam2.Clear

For i = 2024 To 2030: Me.cbNam2.AddItem i: Next i 'combo box nam 2

On Error Resume Next

DisplayPivotTableDataInListBox shTongDuToan, "ptTongDuToan"

End With

End Sub

Private Sub UserForm\_QueryClose(Cancel As Integer, CloseMode As Integer)

If CloseMode = vbFormControlMenu Then Cancel = True

End Sub

'========== Page 1 | Set up ===========

Private Sub cbCapChuQuan\_Change()

Select Case cbCapChuQuan.text

Case Telex("Caasp Quoosc gia")

'copy J4:J41

Case Telex("Caasp Booj Quoosc phofng")

'copy K4:K41

Case Telex("Caasp cow sowr")

'copy K4:K41

End Select

End Sub

'Page 1 - Các khoan chi # chi khác

'=== SET UP MUC CHI ============

'Khi Combo box Muc chi thay doi, cac component se an/hien theo tuy chon

Private Sub cbMucChi\_Change()

With Me

Select Case .cbMucChi.value

'Neu muc chi la Thu lao tham gia nhiem vu, chi hien option du toan theo noi dung

Case Telex("Thuf lao tham gia nhieejm vuj")

.mltDuToan.value = 0

.optND.Visible = True

.optND.value = True

.optKhoanChi.Visible = False

AddItem\_NoiDung 'Call sub

.cbSTT\_ND.value = ""

.lSTT\_ND.Caption = ""

UnhideCLD

HideNVL\_All

On Error Resume Next

.cbThanhVien.List = Range("DS\_ThanhVien").value

cbDMTienCong.Clear

cbDMTienCong.AddItem "30,0" 'add cb dinh muc tien cong

cbDMTienCong.AddItem "40,0"

cbDMTienCong.AddItem "60,0"

cbDMTienCong.value = "30,0"

Case Telex("Chi khasc")

.mltDuToan.value = 1

.optKhoanChi.value = True

.optND.Visible = False

.cbSTT\_ND.value = "Chi khác"

.cbChiKhac1.AddItem Telex("1. Coong tasc trong nuwowsc")

.cbChiKhac1.AddItem Telex("2. Coong tasc nuwowsc ngoafi")

.cbChiKhac1.AddItem Telex("3. Kinh phis quarn lys")

.cbChiKhac1.AddItem Telex("4. Chi phis ddasnh gias, kieerm tra nooji booj")

.cbChiKhac1.AddItem Telex("5. Chi trar dijch vuj thuee ngoafi phujc vuj nghieen cuwsu")

.cbChiKhac1.AddItem Telex("6. Hooji tharo khoa hojc")

.cbChiKhac1.AddItem Telex("7. AASn loast tafi lieeju, vawn phofng phaarm, thoong tin lieen lajc")

.cbChiKhac1.AddItem Telex("8. DDawng kys baro hooj quyeefn sowr huwxu tris tueej")

'Neu muc chi la NVL, hien ca hai option

Case Else

.mltDuToan.value = 0

HideCLD 'An Cong lao dong

UnhideNVL\_All 'Hien NVL

.cbSTT\_ND.value = ""

.lSTT\_ND.Caption = ""

On Error Resume Next

.cbMatHang.List = Range("DS\_NVL").value

.optKhoanChi.Visible = True

.optND.Visible = True

End Select

End With

End Sub

'==== DU TOAN CONG LAO DONG =====

'Hien thi khi combox thay doi >> lable va combobox reset

Private Sub cbSTT\_ND\_Change()

With Me

If Len(cbSTT\_ND.value) > 23 Then 'Cho Thù lao CNNV và CNDT

lSTT\_ND.Caption = cbSTT\_ND.value

cbChucDanh.value = Telex("- Chur nhieejm nhieejm vuj")

txtSLThang.value = ""

ElseIf Len(cbSTT\_ND.value) > 2 And Len(cbSTT\_ND.value) <= 23 Then 'Cho Thù lao TKNV và TKDT

lSTT\_ND.Caption = cbSTT\_ND.value

cbChucDanh.value = Telex("- Thuw kys khoa hojc")

txtSLThang.value = ""

Else

lSTT\_ND.Caption = cbSTT\_ND.value 'Cho du toan theo noi dung

cbSTT\_CV2.value = ""

cbSTT\_CV3.value = ""

cbSTT\_CV4.value = ""

lSTT\_CV2.Caption = ""

lSTT\_CV3.Caption = ""

lSTT\_CV4.Caption = ""

End If

End With

End Sub

'

Private Sub cbSTT\_CV2\_Change()

Me.lSTT\_CV2.Caption = "'" & Me.cbSTT\_ND.value & "." & Me.cbSTT\_CV2.value

Me.cbSTT\_CV3.value = ""

Me.cbSTT\_CV4.value = ""

Me.lSTT\_CV3.Caption = ""

Me.lSTT\_CV4.Caption = ""

End Sub

'

Private Sub cbSTT\_CV3\_Change()

Me.lSTT\_CV3.Caption = Me.cbSTT\_ND.value & "." & Me.cbSTT\_CV2.value & "." & Me.cbSTT\_CV3.value

Me.cbSTT\_CV4.value = ""

Me.lSTT\_CV4.Caption = ""

End Sub

'

Private Sub cbSTT\_CV4\_Change()

Me.lSTT\_CV4.Caption = Me.cbSTT\_ND.value & "." & Me.cbSTT\_CV2.value & "." & Me.cbSTT\_CV3.value & "." & Me.cbSTT\_CV4.value

End Sub

'

Private Sub cbThanhVien\_Change()

With Me

Dim lookupRange As Range, LookupVal As String, LookColNumber As Byte

LookupVal = .cbThanhVien.value

Set lookupRange = ThisWorkbook.Sheets("Input\_DuToan").Range("DS\_ThanhVien")

'Set gia tri Chuc danh nghien cuu

LookColNumber = 3

On Error Resume Next

.cbChucDanh.value = f\_Vlookup(lookupRange, LookupVal, LookColNumber)

'Set gia tri He so tien cong

LookColNumber = 5

On Error Resume Next

.txtHeSoCong.value = f\_Vlookup(lookupRange, LookupVal, LookColNumber)

'set Dinh muc tien cong

cbDMTienCong = shInputDuToan.Range("N3").value

On Error Resume Next

.txtTTienCLD.text = Format(txtSLThang.value \* txtHeSoCong.value \* cbDMTienCong.value, "###.###")

Set lookupRange = Nothing 'giai phong bo nho

End With

End Sub

'

Private Sub cbChucDanh\_Change() 'can thay doi theo thiet lap cap de tai

With Me

Select Case cbChucDanh.value

Case Telex("- Chur nhieejm nhieejm vuj")

txtHeSoCong.text = shInputDuToan.Range("H4")

Case Telex("- Thuw kys khoa hojc")

txtHeSoCong.text = shInputDuToan.Range("H5")

Case Telex("- Thafnh vieen chisnh")

.txtHeSoCong.text = shInputDuToan.Range("H6")

Case Telex("- Thafnh vieen")

.txtHeSoCong.text = shInputDuToan.Range("H7")

Case Else 'Ky thuat vien

.txtHeSoCong.text = shInputDuToan.Range("H8")

End Select

On Error Resume Next

.txtTTienCLD.text = Format(txtSLThang.value \* txtHeSoCong.value \* cbDMTienCong.value, "###.###")

End With

End Sub

'

Private Sub txtSL\_Cong\_Change()

With Me

If .txtSLThang.value <> "0" Then

On Error Resume Next

.txtSLThang.value = Format(Round(txtSL\_Cong.value / 22, 3), "###.###")

Else

.txtSLThang.value = "0"

End If

.txtTTienCLD.text = Format(txtSLThang.value \* txtHeSoCong.value \* cbDMTienCong.value, "###.###")

End With

End Sub

'Chu yeu khi dung cho Thu lao CNNV va TK nhiem vu

Private Sub txtSLThang\_Change()

With Me

If Len(.cbSTT\_ND) > 2 Then

On Error Resume Next

txtTTienCLD.text = Format(txtSLThang.value \* txtHeSoCong.value \* cbDMTienCong.value \* 0.2, "###.###")

Else

On Error Resume Next

txtTTienCLD.text = Format(txtSLThang.value \* txtHeSoCong.value \* cbDMTienCong.value, "###.###")

End If

End With

End Sub

'==== DU TOAN NGUYEN VAT LIEU =======

Private Sub cbMatHang\_Change()

With Me

Dim lookupRange As Range, LookupVal As String, LookColNumber As Byte

LookupVal = .cbMatHang.value

Set lookupRange = ThisWorkbook.Sheets("DL\_HH").Range("DS\_NVL")

LookColNumber = 6

On Error Resume Next

.txtDVT.value = f\_Vlookup(lookupRange, LookupVal, LookColNumber)

LookColNumber = 5

On Error Resume Next

.txtTSKT.value = f\_Vlookup(lookupRange, LookupVal, LookColNumber)

LookColNumber = 7

On Error Resume Next

.txtDonGia.value = Format(f\_Vlookup(lookupRange, LookupVal, LookColNumber), "###.###")

Set lookupRange = Nothing

On Error Resume Next

.txtTTien.value = Format(txtSL.value \* txtDonGia.value, "###.###")

End With

End Sub

'

Private Sub txtSL\_Change()

With Me

On Error Resume Next

txtTTien.value = Format(txtSL.value \* txtDonGia.value, "###.###")

End With

End Sub

'page 2 - chi khác

'===== DU TOAN CHI KHAC ===========

'

Private Sub cbChiKhac1\_Change()

With Me

.cbChiKhac2.value = ""

Select Case .cbChiKhac1.value

Case Telex("1. Coong tasc trong nuwowsc")

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.Enabled = True

cbChiKhac3.Enabled = False

cbChiKhac4.Enabled = False

cbChiKhac2.AddItem Telex("Coong tasc taji Trung taam")

cbChiKhac2.AddItem Telex("Coong tasc taji Trajm Hofa Lajc")

cbChiKhac2.AddItem Telex("Coong tasc taji Trajm DDaafm Basy")

cbChiKhac2.AddItem Telex("Coong tasc taji Trajm Caafn Giowf")

cbChiKhac2.AddItem Telex("Coong tasc taji ddown vij XXX")

cbKhoanCK.AddItem Telex("Ves tafu")

cbKhoanCK.AddItem Telex("Ves masy bay")

cbKhoanCK.AddItem Telex("Ves xe khasch")

cbKhoanCK.AddItem Telex("Xawng xe")

cbKhoanCK.AddItem Telex("Daafu nhowfn ddoojng cow")

cbKhoanCK.AddItem Telex("Khasch sajn, nhaf nghir")

cbKhoanCK.AddItem Telex("Hosa ddown awn uoosng")

Case Telex("2. Coong tasc nuwowsc ngoafi")

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac3.Enabled = False

Case Telex("3. Kinh phis quarn lys")

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.Enabled = False

cbChiKhac3.Enabled = False

cbChiKhac4.Enabled = False

Case Telex("4. Chi phis ddasnh gias, kieerm tra nooji booj")

cbChiKhac2.Enabled = True

cbChiKhac3.Enabled = True

cbChiKhac4.Enabled = True

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.AddItem Telex("Hooji ddoofng xest duyeejt TMMV")

cbChiKhac2.AddItem Telex("Hooji ddoofng thaarm ddijnh tafi chisnh")

cbChiKhac2.AddItem Telex("Hooji ddoofng thaarm ddijnh sarn phaarm thuee khoasn chuyeen moon")

cbChiKhac2.AddItem Telex("Hooji ddoofng thaarm ddijnh ddijnh muwsc kinh tees kyx thuaajt")

cbChiKhac2.AddItem Telex("Hooji ddoofng thaarm ddijnh Tieeu chuaarn cow sowr")

cbChiKhac2.AddItem Telex("Hooji ddoofng nghieejm thu nhieejm vuj")

'truong hop chi phi hop cac hoi dong

cbChiKhac3.AddItem Telex("Chi phis hojp Hooji ddoofng")

cbChiKhac3.AddItem Telex("Chi phis hojp Toor thaarm ddijnh")

'cb khoan chi khac cu the

cbKhoanCK.AddItem Telex("Chur tijch Hooji ddoofng")

cbKhoanCK.AddItem Telex("Thuw kys khoa hojc")

cbKhoanCK.AddItem Telex("Thuw kys hafnh chisnh")

cbKhoanCK.AddItem Telex("URy vieen")

cbKhoanCK.AddItem Telex("URy vieen thuw kys")

cbKhoanCK.AddItem Telex("Toor truwowrng")

cbKhoanCK.AddItem Telex("Thafnh vieen HDD")

cbKhoanCK.AddItem Telex("Thafnh vieen thuw kys")

cbKhoanCK.AddItem Telex("DDaji bieeru tham duwj")

cbKhoanCK.AddItem Telex("Nhaajn xest ddasnh gias cura UVHDD")

cbKhoanCK.AddItem Telex("Nhaajn xest ddasnh gias cura UVPB")

Case Telex("5. Chi trar dijch vuj thuee ngoafi phujc vuj nghieen cuwsu")

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.Enabled = False

cbChiKhac3.Enabled = False

cbChiKhac4.Enabled = False

cbKhoanCK.AddItem Telex("Thuee dijch tafi lieeju tieesng nuwowsc ngoafi")

cbKhoanCK.AddItem Telex("Thuee vaajn chuyeern trang thieest bij nghieen cuwsu")

cbKhoanCK.AddItem Telex("Thuee vaajn chuyeern maaxu")

cbKhoanCK.AddItem Telex("Thuee dijch vuj phaan tisch")

Case Telex("6. Hooji tharo khoa hojc")

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.Enabled = True

cbChiKhac3.Enabled = False

cbChiKhac4.Enabled = True

cbChiKhac2.AddItem Telex("Hooji tharo chuyeen ddeef YYY")

cbChiKhac2.AddItem Telex("Hooji tharo khoa hojc ddasnh gias hieeju quar ZZZ")

cbKhoanCK.AddItem Telex("Chur trif")

cbKhoanCK.AddItem Telex("Baso caso vieen")

cbKhoanCK.AddItem Telex("Thuw kys")

cbKhoanCK.AddItem Telex("DDaji bieeru tham duwj")

Case Else

cbChiKhac2.Clear

cbChiKhac3.Clear

cbChiKhac4.Clear

cbKhoanCK.Clear

cbChiKhac2.Enabled = True

cbChiKhac3.Enabled = True

cbChiKhac4.Enabled = True

End Select

End With

End Sub

'Khi cbKhoanCK cho cac hoi dong tham dinh thi tra ve gia tri he so cho thanh vien hoi dong

Private Sub cbKhoanCK\_change()

Dim SearchStr As String, sh As Worksheet

Me.lMsg.Caption = ""

SearchStr = cbKhoanCK.text

Set sh = ThisWorkbook.Sheets("Input\_DuToan")

Select Case cbChiKhac2.text

Case Telex("Hooji ddoofng xest duyeejt TMMV"), Telex("Hooji ddoofng nghieejm thu nhieejm vuj")

On Error GoTo BayLoi

txtCK\_DVT.text = Application.WorksheetFunction.VLookup(SearchStr, sh.Range("I14:K21"), 3, 0)

On Error GoTo BayLoi

txtCK\_DonGia.text = Application.WorksheetFunction.VLookup(SearchStr, sh.Range("I14:K21"), 2, 0)

txtCK\_DonGia.text = Format(txtCK\_DonGia.text, "###,###")

Case Telex("Hooji ddoofng thaarm ddijnh tafi chisnh")

On Error GoTo BayLoi

txtCK\_DVT.text = Excel.WorksheetFunction.VLookup(SearchStr, sh.Range("I38:K41"), 3, 0)

On Error GoTo BayLoi

txtCK\_DonGia.text = Excel.WorksheetFunction.VLookup(SearchStr, sh.Range("I38:K41"), 2, 0)

txtCK\_DonGia.text = Format(txtCK\_DonGia.text, "###,###")

'Nhung hoi dong sau, dinh muc bang 1/2 hoi dong nghiem thu:

Case Telex("Hooji ddoofng thaarm ddijnh sarn phaarm thuee khoasn chuyeen moon"), \_

Telex("Hooji ddoofng thaarm ddijnh ddijnh muwsc kinh tees kyx thuaajt"), \_

Telex("Hooji ddoofng thaarm ddijnh Tieeu chuaarn cow sowr")

On Error GoTo BayLoi

txtCK\_DVT.text = Excel.WorksheetFunction.VLookup(SearchStr, sh.Range("I14:K21"), 3, 0)

On Error GoTo BayLoi

txtCK\_DonGia.text = Excel.WorksheetFunction.VLookup(SearchStr, sh.Range("I14:K21"), 2, 0) / 2

txtCK\_DonGia.text = Format(txtCK\_DonGia.text, "###,###")

End Select

Set sh = Nothing 'giai phong bo nho

On Error Resume Next

txtChiKhac\_TTien.value = txtChiKhac\_SL.value \* txtCK\_DonGia.value

txtChiKhac\_TTien.value = Format(txtChiKhac\_TTien.value, "###,###")

Exit Sub

BayLoi:

Me.lMsg.Caption = Telex("Khoong tifm thaasy duwx lieeju, vui lofng kieerm tra laji!")

Me.txtCK\_DVT.value = ""

txtCK\_DonGia.text = ""

End Sub

'

Private Sub txtChiKhac\_SL\_change()

With Me

On Error Resume Next

.txtChiKhac\_TTien.value = Format(.txtChiKhac\_SL.value \* .txtCK\_DonGia.value, "###,###")

End With

End Sub

'

Private Sub txtCK\_DonGia\_change()

With Me

On Error Resume Next

.txtChiKhac\_TTien.value = Format(.txtChiKhac\_SL.value \* .txtCK\_DonGia.value, "###,###")

End With

End Sub

'===== HAM/THU TUC PHU ===================

'Dung cho cbMucChi khi chon du toan theo noi dung

Private Sub AddItem\_NoiDung()

Dim i As Byte

Me.cbSTT\_ND.AddItem Telex("Thuf lao chur nhieejm nhieejm vuj")

Me.cbSTT\_ND.AddItem Telex("Thuf lao thuw kys nhieejm vuj")

'Noi dung lon bac 1

Me.cbSTT\_ND.Clear

For i = 1 To 10: Me.cbSTT\_ND.AddItem i: Next i

'Cong viec bac 2

Me.cbSTT\_CV2.Clear

For i = 1 To 10: Me.cbSTT\_CV2.AddItem i: Next i

'Cong viec bac 3

Me.cbSTT\_CV3.Clear

For i = 1 To 10: Me.cbSTT\_CV3.AddItem i: Next i

'Cong viec bac 4

Me.cbSTT\_CV4.Clear

For i = 1 To 10: Me.cbSTT\_CV4.AddItem i: Next i

End Sub

'====== HIDE/UNHIDE COMPONENTS =========

'Hien label va combobox lien quan toi cong lao dong

Private Sub UnhideCLD()

With Me

.cbThanhVien.Visible = True

.cbChucDanh.Visible = True

.txtSL\_Cong.Visible = True

.txtHeSoCong.Visible = True

.cbDMTienCong.Visible = True

.txtTTienCLD.Visible = True

.lTenTV.Visible = True

.lCDNC.Visible = True

.lSLCLD.Visible = True

.lDGCLD.Visible = True

.lDMTenCong.Visible = True

.lTTienCLD.Visible = True

.lSLThang.Visible = True

.txtSLThang.Visible = True

End With

End Sub

'Hide comp lien quan toi Cong lao dong

Private Sub HideCLD()

With Me

.cbThanhVien.Visible = False

.cbChucDanh.Visible = False

.txtSL\_Cong.Visible = False

.txtHeSoCong.Visible = False

.cbDMTienCong.Visible = False

.txtTTienCLD.Visible = False

.lTenTV.Visible = False

.lCDNC.Visible = False

.lSLCLD.Visible = False

.lDGCLD.Visible = False

.lDMTenCong.Visible = False

.lTTienCLD.Visible = False

.lSLThang.Visible = False

.txtSLThang.Visible = False

End With

End Sub

'An label va combobox cac cong viec H2, H3, H4

Private Sub HideNVL\_KhoanChi()

With Me

.lSTT\_H2.Visible = False

.lSTT\_H3.Visible = False

.lSTT\_H4.Visible = False

.lSTT\_CV2.Visible = False

.lSTT\_CV3.Visible = False

.lSTT\_CV4.Visible = False

.cbSTT\_CV2.Visible = False

.cbSTT\_CV3.Visible = False

.cbSTT\_CV4.Visible = False

End With

End Sub

'Hien label va combobox cac cong viec H2, H3, H4

Private Sub UnhideNVL\_KhoanChi()

With Me

.lSTT\_H2.Visible = True

.lSTT\_H3.Visible = True

.lSTT\_H4.Visible = True

.lSTT\_CV2.Visible = True

.lSTT\_CV3.Visible = True

.lSTT\_CV4.Visible = True

.cbSTT\_CV2.Visible = True

.cbSTT\_CV3.Visible = True

.cbSTT\_CV4.Visible = True

End With

End Sub

'An label va combobox cac cong viec H2, H3, H4

Private Sub HideNVL\_All()

With Me

.lMatHang.Visible = False

.lDVT.Visible = False

.lSL.Visible = False

.lDonGia.Visible = False

.lThanhTien.Visible = False

.cbMatHang.Visible = False

.txtDVT.Visible = False

.txtSL.Visible = False

.txtDonGia.Visible = False

.txtTTien.Visible = False

.lTSKT.Visible = False

.txtTSKT.Visible = False

End With

End Sub

'Hien label va combobox cac cong viec H2, H3, H4

Private Sub UnhideNVL\_All()

With Me

.lMatHang.Visible = True

.lDVT.Visible = True

.lSL.Visible = True

.lDonGia.Visible = True

.lThanhTien.Visible = True

.cbMatHang.Visible = True

.txtDVT.Visible = True

.txtSL.Visible = True

.txtDonGia.Visible = True

.txtTTien.Visible = True

.lTSKT.Visible = True

.txtTSKT.Visible = True

End With

End Sub

'Option du toan theo khoan chi thi add them list tuy chon

Private Sub optKhoanChi\_Change()

With Me

If .optKhoanChi.value = True Then

.cbSTT\_ND.Clear

.cbSTT\_ND.AddItem Telex("Nguyeen, vaajt lieeju")

.cbSTT\_ND.AddItem Telex("Dujng cuj, phuj tufng, vaajt rer tieefn mau horng")

.cbSTT\_ND.AddItem Telex("Nawng luwowjng, nhieen lieeju")

.cbSTT\_ND.AddItem Telex("Nuwowsc")

.cbSTT\_ND.AddItem Telex("Mua sasch, tafi lieeju, soos lieeju")

HideNVL\_KhoanChi

End If

End With

End Sub

'Option du toan theo noi dung thi an cac label, cb box va add them vao list tuy chon

Private Sub optND\_change()

If Me.optND.value = True Then

AddItem\_NoiDung 'Call sub

UnhideNVL\_KhoanChi 'Call sub

End If

End Sub

'=========== LIST BOX ====================

'--------Lay du lieu khi click vao bang so lieu ben duoi------

Private Sub lbdata\_Click()

With Me

cbMucChi.text = lbdata.List(lbdata.ListIndex, 0)

Select Case cbMucChi.text

Case Telex("Thuf lao tham gia nhieejm vuj")

cbSTT\_ND.text = lbdata.List(lbdata.ListIndex, 1)

lSTT\_ND.Caption = lbdata.List(lbdata.ListIndex, 1)

lSTT\_CV2.Caption = lbdata.List(lbdata.ListIndex, 3)

lSTT\_CV3.Caption = lbdata.List(lbdata.ListIndex, 5)

lSTT\_CV4.Caption = lbdata.List(lbdata.ListIndex, 7)

cbNam1.text = lbdata.List(lbdata.ListIndex, 9)

cbThanhVien.text = lbdata.List(lbdata.ListIndex, 10)

cbChucDanh.text = lbdata.List(lbdata.ListIndex, 11)

cbDMTienCong.text = lbdata.List(lbdata.ListIndex, 13)

txtSL\_Cong.text = lbdata.List(lbdata.ListIndex, 14)

txtSLThang.text = lbdata.List(lbdata.ListIndex, 15)

Case Telex("Chi khasc")

cbChiKhac1.text = lbdata.List(lbdata.ListIndex, 1)

cbChiKhac2.text = lbdata.List(lbdata.ListIndex, 3)

cbChiKhac3.text = lbdata.List(lbdata.ListIndex, 5)

cbNam2.text = lbdata.List(lbdata.ListIndex, 9)

cbKhoanCK.text = lbdata.List(lbdata.ListIndex, 10)

txtCK\_DVT.text = lbdata.List(lbdata.ListIndex, 11)

txtCK\_DonGia.text = lbdata.List(lbdata.ListIndex, 12)

txtChiKhac\_SL.text = lbdata.List(lbdata.ListIndex, 14)

' Case Telex("Nguyeen, vaajt lieeju, nawng luwowjng")

Case Else

If Len(lbdata.List(lbdata.ListIndex, 1)) < 3 Then 'Neu nho hon 2 la theo noi dung, lon hon 2 la theo khoan chi

cbSTT\_ND.text = lbdata.List(lbdata.ListIndex, 1)

lSTT\_ND.Caption = lbdata.List(lbdata.ListIndex, 1)

lSTT\_CV2.Caption = lbdata.List(lbdata.ListIndex, 3)

lSTT\_CV3.Caption = lbdata.List(lbdata.ListIndex, 5)

lSTT\_CV4.Caption = lbdata.List(lbdata.ListIndex, 7)

Else

cbSTT\_ND.text = lbdata.List(lbdata.ListIndex, 1)

lSTT\_ND.Caption = lbdata.List(lbdata.ListIndex, 1)

End If

cbNam1.text = lbdata.List(lbdata.ListIndex, 9)

cbMatHang.text = lbdata.List(lbdata.ListIndex, 10)

txtDVT.text = lbdata.List(lbdata.ListIndex, 11)

txtDonGia.text = lbdata.List(lbdata.ListIndex, 12)

txtSL.text = lbdata.List(lbdata.ListIndex, 14)

End Select

End With

End Sub

'=========== COMMAND BUTTON ==========================

'========= BUTTON SAP XEP ===============

Private Sub btnSapXep\_Click()

ps\_SapXepChiTietKP shChiTietKP 'call ham phu

Me.lbdata.RowSource = "ChiTietKP\_DuToan"

Me.lMsg.Caption = "Da sap xep Bang du lieu chi tiet kinh phi!"

End Sub

'Sap xep bang du lieu chi tiet kinh phi theo 5 level: Muc chi, noi dung, cong viec, ten hang hoa

'Xóa name range cu va set lai "ChiTietKP\_DuToan"

Private Sub ps\_SapXepChiTietKP(Worksheet As Worksheet)

Dim lr As Long, ws As Worksheet

Set ws = Worksheet

lr = TimDongCuoiCuaSheet(ws, "A")

shChiTietKP.AutoFilter.Sort.SortFields.Clear

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("A3:A" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("B3:B" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("D3:D" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortTextAsNumbers

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("F3:F" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("H3:H" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("J3:J" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

shChiTietKP.AutoFilter.Sort.SortFields.Add2 key:=Range("K3:K" & lr), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal

With shChiTietKP.AutoFilter.Sort

.Header = xlYes

.MatchCase = False

.Orientation = xlTopToBottom

.SortMethod = xlPinYin

.Apply

End With

' Check if the old named range exists and delete it

ps\_DeleteAndReAsignRange shChiTietKP, "ChiTietKP\_DuToan", "A", 3, "R"

Set ws = Nothing

Debug.Print " + Da sap xep lai Bang du lieu chi tiet kinh phi"

End Sub

'=======BUTTON DONG USERFORM ===========

Private Sub btnDong\_Click()

Unload Me

fDT\_Main.Show

End Sub

'============== BUTTON THEM =============================

Private Sub btnThemChung\_Click()

Application.ScreenUpdating = False

Dim ws As Worksheet, firstR As Long, lr As Long

Set ws = shChiTietKP

'Sau khi chen dong phai cap nhat name range "ChiTietKP\_DuToan", sau do chen du lieu

ws.Range("4:4").Insert Shift:=xlDown, CopyOrigin:=xlFormatFromLeftOrAbove

lr = TimDongCuoiCuaSheet(ws, "A")

ThisWorkbook.Names("ChiTietKP\_DuToan").Delete

ThisWorkbook.Names.Add Name:="ChiTietKP\_DuToan", RefersTo:=shChiTietKP.Range("A3:R" & lr)

firstR = 4 'Chon chen dong dau tien chua du lieu

With Me

Select Case cbMucChi.value

Case Telex("Thuf lao tham gia nhieejm vuj")

ps\_ThemCongLaoDong ws, firstR, lr

Debug.Print " + Da them cong lao dong"

Case Telex("Chi khasc")

ps\_ThemChiKhac ws, firstR, lr

Debug.Print " + Da them mot muc chi khac"

Case Else 'NVL, may moc, xay dung nho

ps\_ThemHangHoa ws, firstR, lr

Debug.Print " + Da them mot muc hang hoa"

End Select

.lbdata.RowSource = "ChiTietKP\_DuToan"

End With

DisplayPivotTableDataInListBox shTongDuToan, "ptTongDuToan"

Application.ScreenUpdating = True

Set ws = Nothing

End Sub

'

Sub DisplayPivotTableDataInListBox(wsheet As Worksheet, PivotTabName As String)

Dim ws As Worksheet, pt As pivotTable, ptData As Range, cell As Range

Set ws = wsheet ' Assuming shTongDuToan is defined elsewhere in your code

Set pt = ws.PivotTables(PivotTabName) ' Set the PivotTable

pt.RefreshTable 'Refresh data

Set ptData = pt.TableRange2.Offset(1, 0).Resize(pt.TableRange2.Rows.Count - 1) ' Set the range of PivotTable data (excluding headers)

' Populate ListBox with PivotTable data

Me.lbViewDuToan.Clear ' Clear ListBox

For Each cell In ptData

Me.lbViewDuToan.AddItem cell.value

Next cell

Set pt = Nothing

Set ws = Nothing

End Sub

' sub them cong lao dong

Private Sub ps\_ThemCongLaoDong(Worksheet As Worksheet, firstRow As Long, lastRow As Long)

Dim ws As Worksheet

Set ws = Worksheet

With Me

ws.Cells(firstRow, 1).value = cbMucChi.text 'Khoan chi

ws.Cells(firstRow, 2).value = lSTT\_ND.Caption 'Ky hieu H1

On Error Resume Next

ws.Cells(firstRow, 3).value = f\_Vlookup(shInputDuToan.Range("A4:B12"), cbSTT\_ND.value, 2) 'Noi dung H1

ws.Cells(firstRow, 4).value = lSTT\_CV2.Caption '!!!Can sua lai cho co dang "1.1" 'Ky hieu H2

On Error Resume Next

ws.Cells(firstRow, 5).value = f\_Vlookup(shInputDuToan.Range("C4:D19"), cbSTT\_CV2.value, 2) 'Noi dung H2

ws.Cells(firstRow, 6).value = lSTT\_CV3.Caption 'Ky hieu H3

On Error Resume Next

ws.Cells(firstRow, 7).value = f\_Vlookup(shInputDuToan.Range("E4:F21"), cbSTT\_CV3.value, 2) 'Noi dung H3

ws.Cells(firstRow, 8).value = lSTT\_CV4.Caption 'Ky hieu H4

On Error Resume Next

ws.Cells(firstRow, 9).value = f\_Vlookup(shInputDuToan.Range("G4:H21"), cbSTT\_CV4.value, 2) 'Noi dung H4

ws.Cells(firstRow, 10).value = cbNam1.value 'Nam

ws.Cells(firstRow, 10).NumberFormat = "0"

ws.Cells(firstRow, 11).value = cbThanhVien.text 'Ten thanh vien

ws.Cells(firstRow, 12).value = cbChucDanh.text 'Chuc danh nghien cuu

ws.Cells(firstRow, 13).value = CDbl(txtHeSoCong.value) 'He so cong

ws.Cells(firstRow, 13).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstRow, 14).value = CDbl(Format(cbDMTienCong.value, "###.###")) 'Dinh muc lao dong

ws.Cells(firstRow, 14).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstRow, 15).value = txtSL\_Cong.value 'So ngay quy doi

ws.Cells(firstRow, 16).value = CDbl(Format(txtSLThang.value, "###.###")) 'So thang quy doi

ws.Cells(firstRow, 16).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstRow, 17).value = CDbl(Format(txtTTienCLD.value, "###.###")) 'Tong kinh phi

ws.Cells(firstRow, 17).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstRow, 18).value = lastRow - 3 'ID

.lMsg.Caption = "- Da them mot muc du toan Thu lao nhiem vu!"

End With

Set ws = Nothing

End Sub

'Sub hang hoa

Private Sub ps\_ThemHangHoa(Worksheet As Worksheet, firstR As Long, lastRow As Long)

Dim ws As Worksheet

Set ws = Worksheet

With Me

ws.Cells(firstR, 1).value = cbMucChi.text

ws.Cells(firstR, 2).value = lSTT\_ND.Caption

On Error Resume Next

ws.Cells(firstR, 3).value = f\_Vlookup(shInputDuToan.Range("A4:B12"), cbSTT\_ND.value, 2)

ws.Cells(firstR, 4).value = lSTT\_CV2.Caption

On Error Resume Next

ws.Cells(firstR, 5).value = f\_Vlookup(shInputDuToan.Range("C4:D19"), cbSTT\_CV2.value, 2)

ws.Cells(firstR, 6).value = lSTT\_CV3.Caption

On Error Resume Next

ws.Cells(firstR, 7).value = f\_Vlookup(shInputDuToan.Range("E4:F21"), cbSTT\_CV3.value, 2)

ws.Cells(firstR, 8).value = lSTT\_CV4.Caption

On Error Resume Next

ws.Cells(firstR, 9).value = f\_Vlookup(shInputDuToan.Range("G4:H21"), cbSTT\_CV4.value, 2)

ws.Cells(firstR, 10).value = cbNam1.value

ws.Cells(firstR, 10).NumberFormat = "0"

ws.Cells(firstR, 11).value = cbMatHang.text

ws.Cells(firstR, 12).value = txtDVT.text

ws.Cells(firstR, 13).value = CDbl(Format(txtDonGia.value, "###.###"))

ws.Cells(firstR, 13).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstR, 15).value = txtSL.value

ws.Cells(firstR, 17).value = CDbl(Format(txtTTien.value, "###.###"))

ws.Cells(firstR, 17).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstR, 18).value = lastRow - 3

.lMsg.Caption = "- Da them mot danh muc hang hoa"

End With

Set ws = Nothing

End Sub

'Sub chi khac

Private Sub ps\_ThemChiKhac(Worksheet As Worksheet, firstR As Long, lastRow As Long)

Dim ws As Worksheet

Set ws = Worksheet

With Me

ws.Cells(firstR, 1).value = cbMucChi.text

ws.Cells(firstR, 2).value = cbChiKhac1.text

ws.Cells(firstR, 4).value = cbChiKhac2.text

ws.Cells(firstR, 6).value = cbChiKhac3.text

ws.Cells(firstR, 8).value = cbChiKhac4.text

ws.Cells(firstR, 10).value = cbNam2.value 'Nam

ws.Cells(firstR, 10).NumberFormat = "0"

ws.Cells(firstR, 11).value = cbKhoanCK.text 'Noi dung khoan chi khac

ws.Cells(firstR, 12).value = txtCK\_DVT.text 'Don vi tinh

ws.Cells(firstR, 13).value = CDbl(Format(txtCK\_DonGia.value, "###.###")) 'Don gia

ws.Cells(firstR, 13).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstR, 15).value = txtChiKhac\_SL.value 'So luong

ws.Cells(firstR, 17).value = CDbl(Format(txtChiKhac\_TTien.value, "###.###")) 'Thanh tien

ws.Cells(firstR, 17).NumberFormat = "\_(\* #,##0.000\_);\_(\* (#,##0.000);\_(\* ""-""??\_);\_(@\_)"

ws.Cells(firstR, 18).value = lastRow - 3

.lMsg.Caption = "- Da them mot danh muc chi khac"

End With

Set ws = Nothing

End Sub

'============BUTTON SUA HANG HOA ====================

Private Sub btnSua\_Click()

Application.ScreenUpdating = False

Dim ws As Worksheet, lr As Long, i As Long, ID As String

Set ws = shChiTietKP

lr = TimDongCuoiCuaSheet(ws, "A")

With Me

ID = lbdata.List(lbdata.ListIndex, 17) 'Kiem tra gia tri cot so 18 nhung index trong lb la 17

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi nhap lai"

Exit Sub

End If

i = 0

For i = 4 To lr

If ws.Cells(i, 18).value = ID Then

Select Case .cbMucChi.text

Case Telex("Thuf lao tham gia nhieejm vuj")

ps\_ThemCongLaoDong ws, i, lr

Case Telex("Chi khasc")

ps\_ThemChiKhac ws, i, lr

Case Else

ps\_ThemHangHoa ws, i, lr

End Select

ws.Cells(i, 18).value = ID 'tra lai ID cu

lMsg.Caption = "- Da sua du lieu co ID: " & ID

lbdata.RowSource = "ChiTietKP\_DuToan"

End If

Next i

End With

DisplayPivotTableDataInListBox shTongDuToan, "ptTongDuToan"

Application.ScreenUpdating = True

Set ws = Nothing

End Sub

'Private Sub PrintCurrentRow()

' Dim selectedRow As Long

' Dim rowData As String

'

' ' Get the index of the selected row

' selectedRow = fDT\_DuToan.lbdata.ListIndex

' MsgBox selectedRow

'End Sub

'Private Sub SetRowPosition(index As Long)

' Dim lb As MSForms.ListBox

' Set lb = fDT\_DuToan.lbdata ' Replace "fDT\_DuToan" with the actual name of your UserForm

'

' ' Check if the index is within the valid range

' If index >= 0 And index < lb.ListCount Then

' ' Set the position of the row

' lb.TopIndex = index

' Else

' MsgBox "Invalid index."

' End If

'End Sub

'=============BUTTON XOA HANG HOA=======================

Private Sub btnXoa\_Click()

Application.ScreenUpdating = False

Dim ws As Worksheet, lr As Long, i As Long, ID As String, selectedRow As Long

Set ws = shChiTietKP

lr = TimDongCuoiCuaSheet(sh, "A")

selectedRow = lbdata.ListIndex 'index cua con chuot vi tri hien tai trong listbox

i = 0

With Me

' On Error Resume Next

ID = lbdata.List(lbdata.ListIndex, 17)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi nhap lai"

Exit Sub

End If

For i = 4 To lr

If ws.Cells(i, 18).value = ID Then

ws.Rows(i).Delete

lMsg.Caption = "- Da xoa du lieu co ID: " & ID

End If

Next i

SetRowPosition (selectedRow)

End With

Set ws = Nothing

DisplayPivotTableDataInListBox shTongDuToan, "ptTongDuToan"

Application.ScreenUpdating = True

' Me.cbMucChi.SetFocus

End Sub

'==========BUTTON XUAT DU LIEU DU TOAN RA BANG EXCEL =================

' Xuat các bang du toan tu cac pivot table

Private Sub btnXuatDuToan\_Click()

Me.lMsg.Caption = "...PHAN MEM DANG XU LY, VUI LONG DOI TRONG GIAY LAT..."

Application.ScreenUpdating = False

Debug.Print "- Xuat du lieu tu cac pivot table vao bang tinh"

Dim desWbPath As String, destinationWbName As String, destinationWsName As String, pivotTableName As String

desWbPath = ThisWorkbook.Path & "\Mod\_lap\_du\_toan"

destinationWbName = "Xuat\_file\_du\_toan.xlsx"

'Copy các bang pt vao bang xuat du toan

ps\_CopyPivotTableToWb "ptCLD\_Muc12", shCLD, desWbPath, destinationWbName, "Muc12", "A3"

ps\_CopyPivotTableToWb "ptCLD\_Muc21", shCLD, desWbPath, destinationWbName, "Muc21", "A3"

ps\_CopyPivotTableToWb "ptKP\_Muc26", shTongDuToan, desWbPath, destinationWbName, "Muc26", "A4"

ps\_CopyPivotTableToWb "ptKP\_BieuI4", shTongDuToan, desWbPath, destinationWbName, "BieuI4", "A4"

ps\_CopyPivotTableToWb "ptCLD\_BieuI5", shCLD, desWbPath, destinationWbName, "BieuI5", "A3"

ps\_CopyPivotTableToWb "ptCLD\_TV", shCLD, desWbPath, destinationWbName, "ThuLao\_ThanhVien", "A1"

ps\_CopyPivotTableToWb "ptCLD\_BieuI6", shCLD, desWbPath, destinationWbName, "BieuI6", "A1"

ps\_CopyPivotTableToWb "ptNVL\_I7", shNVL, desWbPath, destinationWbName, "BieuI7", "A1"

ps\_CopyPivotTableToWb "ptTTB\_I8", shTTB, desWbPath, destinationWbName, "BieuI8", "A1"

ps\_CopyPivotTableToWb "ptCK\_BieuI9", shCK, desWbPath, destinationWbName, "BieuI9", "A1"

'format bang xuat du toan

FormatBangExcelXuatDuToan 'call from mDT\_DuToan

Application.ScreenUpdating = True

Workbooks(destinationWbName).Activate

Sheets(1).Activate

End Sub

'Subroutine copy pivottable into a ws

Private Sub ps\_CopyPivotTableToWb(pivotTableName As String, sourceWorksheet As Worksheet, desWbPath As String, \_

destinationWbName As String, destinationWsName As String, desPasStr As String)

Dim sourceSheet As Worksheet, desWb As Workbook, pivotTable As pivotTable, cell As Range, pastRng As Range

ps\_CheckFileExcelOpen desWbPath, destinationWbName 'Check and open the dest wb

Set sourceSheet = sourceWorksheet 'set source sheet

Set desWb = Workbooks.Open(desWbPath & "\" & destinationWbName)

On Error Resume Next

Set pivotTable = sourceSheet.PivotTables(pivotTableName) ' Check if there is a PivotTable in the source sheet

On Error GoTo 0

If pivotTable Is Nothing Then Exit Sub

' Copy the PivotTable into a new workbook

With desWb.Sheets(destinationWsName)

.Range("A5").CurrentRegion.Clear

.Range("A1").value = pivotTableName

.Range("A1").Font.Bold = True

pivotTable.RefreshTable

pivotTable.TableRange2.Copy

Set pastRng = .Range(desPasStr) 'set cell de copy - paste

pastRng.PasteSpecial Paste:=xlPasteValues ' Paste as values to remove dependency

For Each cell In .Range("A5").CurrentRegion

cell.EntireColumn.AutoFit

Next cell

End With

' desWb.Save 'Save and close the new workbook

Debug.Print " + Copied the pivotTable: " & pivotTableName

Set pastRng = Nothing

Set pivotTable = Nothing

Set desWb = Nothing

Set sourceSheet = Nothing

End Sub

'Check file da mo chua, co doi so la duong dan file va ten file

Sub ps\_CheckFileExcelOpen(sourceFilePath As String, FileName As String)

Dim excelApp As Object, wb As Object, isExcelOpen As Boolean

On Error Resume Next

Set excelApp = GetObject(, "Excel.Application") ' Check if Excel (application) is already open

On Error GoTo 0

If excelApp Is Nothing Then

Set excelApp = CreateObject("Excel.Application") ' If Excel is not open, create a new instance

Else

isExcelOpen = True ' If Excel is open, set the flag

End If

On Error Resume Next

Set wb = excelApp.Workbooks(FileName) ' Try to get the Workbook if it's open

On Error GoTo 0

' If the workbook is not open, open it

If wb Is Nothing Then

On Error GoTo ThongBao

Set wb = excelApp.Workbooks.Open(sourceFilePath & "\" & FileName) ' Define the path to the Excel file

Debug.Print "Open file successfully: " & FileName

Exit Sub

Else

Exit Sub

End If

Set excelApp = Nothing

Set wb = Nothing

ThongBao:

Debug.Print " + Ten file co the khong ton tai"

MsgBox "Ten file co the khong ton tai, vui long kiem tra lai", vbExclamation

End Sub

# Module chấm công

## Yêu cầu

Cài đặt Google Drive trên máy tính (phiên bản mới nhất thời điểm này là Version: 90.0.3.0) và đăng nhập Google Drive bằng tài khoản gmail cá nhân hoặc gmail hỗ trợ đấu thầu [hotrodauthau.ndvn@gmail.com](mailto:hotrodauthau.ndvn@gmail.com).

\* Những điểm lưu ý:

- Module chấm công chỉ chạy được khi thêm folder Chấm công vào Google Drive của mình. Chú ý: Ứng dụng không thể chạy trực tiếp trên trình duyệt web như Chrome, Microsoft Edge, v.v.

- Mỗi đề tài cần làm một file chấm công riêng và đổi tên file theo cách dễ phân biệt với đề tài khác, vd. T-1.1, T-1.6, v.v.

Khuyến nghị: Chấm công cách ngày để người khác có thể sử dụng công của cán bộ khi cần. Không chấm liên tục một người trong nhiều ngày.

## Thành phần các tệp trong folder chấm công

Mỗi phòng nghiên cứu nên làm một folder bảng công theo năm, trong đó có chứa:

- 01 tệp Bảng chấm công tổng chỉ để chứa dữ liệu có tên *BangCongTong.xlsb;*

- 01 tệp Bảng báo cáo chấm công có tên *BangCongTong\_View.xlsm;*

- Nhiều bảng công của từng đề tài có dạng: *DeTai\_XXX\_CNDT\_YYY.xlsm*, cách đặt tên tùy theo người dùng nhưng lưu ý đặt tên tệp không dấu để tránh xảy ra lỗi không mong muốn.

Nếu đề tài của phòng nghiên cứu khác có thành viên là cán bộ, nhân viên của phòng mình thì admin của phòng có thể cho phép đề tài đó chấm công bằng một trong hai cách:

Cách 1: Tạo thêm một tệp bảng chấm công nằm trong folder bảng công của phòng và chia sẻ cho nhân viên phụ trách tài chính của đề tài đó được quyền chỉnh sửa tài liệu trong folder.

Cách 2: Chỉ chia sẻ tệp *BangCongTong.xlsb* và quyền chỉnh sửa tệp này*,* phụ trách tài chính của đề tài sẽ tự tạo thêm bảng chấm công đề tài trong folder chứa tệp *BangCongTong.xlsb,* sau đó thao tác chấm công như bình thường.

## Quy ước

- Quy ước ký tự để đánh dấu ngày công:

+ Để trống: Ngày công chưa được đề tài nào sử dụng;

+ "x": Ngày thực hiện

+ "CT": Ngày đi công tác

+ "P": Ngày nghỉ phép

+ "B": Nghỉ ốm, bệnh

- Quy ước màu sắc trong bảng công từng nhiệm vụ:

+ Màu đỏ cho biết ngày công do nhiệm vụ khác đã chấm rồi.

+ Màu xanh cho biết ngày công do chính đề tài hiện tại đã sử dụng.

- Quy ước màu sắc trong bảng báo cáo ngày công:

Mỗi đề tài đã chấm công được đánh gán cho một màu bất kỳ, nhưng thống nhất trong cả bảng công.

## Nguyên lý hoạt động

### Đồng bộ dữ liệu

Khi mở một tệp bảng chấm công của một đề tài bất kỳ, dữ liệu ngày công đã sử dụng từ sheet tháng 1 của BangCongTong.xlsb sẽ được so sánh với dữ liệu đã có của sheet tháng 1 bảng công đề tài. Ngày công nào đã được sử dụng bởi đề tài khác sẽ được tô màu đỏ trong bảng công đề tài. Ngày công nào do chính đề tài sử dụng sẽ có màu xanh, ngoài ra còn có thêm ký tự gán cho việc sử dụng ngày công (vd. “x” “CT”, “P”). Ngày công chưa sử dụng có màu trắng.

Khi chuyển sang các sheet của tháng khác, quá trình đồng bộ dữ liệu sẽ diễn ra như trên.

### Sử dụng ngày công chưa chấm

Sau khi gán ký tự sử dụng ngày công và nhấn “Đẩy dữ liệu lên bảng công tổng” trên thanh ribbon, phần mềm sẽ kiểm tra từng ngày công trong tháng đó:

* Nếu ngày công đã bị chấm trước bởi đề tài khác, phần mềm sẽ có thông báo chỉ ra vị trí bị trùng và tự động vô hiệu lệnh chấm sai;
* Nếu ngày công đã chọn là được phép chấm, phần mềm sẽ gán đúng ký tự vào bảng công tổng và chèn thêm tên của bảng công đề tài dưới dạng comment trong *BangCongTong.xlsb*. Lúc này, trong bảng công đề tài, ngày công vừa chấm sẽ được tô màu xanh lá cây.
* Nếu ngày công vừa chấm là do thay đổi cách sử dụng ngày công của đề tài đang xét, dữ liệu trên *BangCongTong.xlsb* sẽ được thay đổi tương ứng.

## Thao tác

### Thiết lập bảng chấm công

Trong trường hợp folder bảng chấm công của phòng nghiên cứu đã được tạo nhưng người dùng cần chắc chắn đường dẫn tới folder trên, nhấn “Thiết lập bảng công” trên thanh ribbon, cửa sổ chọn folder hiện ra, nhấn chuột vào các tệp để chọn đường dẫn cho folder bảng công tổng của phòng nghiên cứu, quan sát kết quả thông báo.

### Tạo folder bảng công phòng mới

Nhấn “Thiết lập bảng công” trên thanh ribbon, tới vị trí mong muốn đặt folder chấm công tổng, chọn *New Folder* và đặt tên folder (lưu ý: không sử dụng dấu tiếng Việt). Phần mềm sẽ tự tạo tệp *BangCongTong.xlsb* và *BangCongTong\_View.xlsm,* quan sát kết quả thông báo.

### Tạo bảng công đề tài mới

Nhấn “Tạo bảng công đề tài” trên thanh ribbon, một cửa sổ sẽ mở ra, chọn vị trí folder chấm công tổng, đặt tên tệp sao cho phân biệt được tên các đề tài trong phòng nghiên cứu (lưu ý: không sử dụng dấu tiếng Việt), quan sát kết quả thông báo.

### Chấm ngày công chưa sử dụng

- Chọn ngày công chưa chấm (ô màu trắng), chọn trong danh mục đổ xuống của mỗi ô ngày công, chọn “x”, “CT”, “P”, “B” hoặc để trống theo quy ước ở trên.

- Khi chấm công xong, nhấn nút “Đẩy dữ liệu lên bảng công tổng” trên thanh ribbon để tải lên *BangCongTong.xlsb*, quan sát kết quả thông báo.

### Sửa, xóa ngày công đã chấm

- Chọn ngày công đã chấm (ô màu xanh lá cây), chọn trong danh mục đổ xuống của mỗi ô ngày công, chọn “x”, “CT”, “P”, “B” hoặc để trống theo quy ước ở trên.

- Khi chấm công xong, nhấn nút “Đẩy dữ liệu lên bảng công tổng” trên thanh ribbon để tải lên *BangCongTong.xlsb*, quan sát kết quả thông báo.

## Báo cáo sử dụng ngày công

Báo cáo sử dụng ngày công giúp chỉ huy đơn vị và cơ quan tài chính có cái nhìn tổng hợp về tình hình sử dụng ngày công của các đề tài, nhiệm vụ của đơn vị mình. Báo cáo được bố trí theo các sheet theo tháng từ tháng 1 tới tháng 12, trong đó mỗi tháng đều thể hiện ngày công của từng cán bộ, nhân viên của đơn vị. Mỗi đề tài được quy ước màu riêng để phân biệt; phần mềm cũng thể hiện tổng ngày công trong tháng mà đề tài đó đã sử dụng.

### Nguyên lý hoạt động

Báo cáo sử dụng ngày công (được ký hiệu là “BangCongTong\_View.xlsm) lấy dữ liệu từ *BangCongTong.xlsb*). Như vậy, tệp *BangCongTong.xlsb* chỉ đơn giản là file excel chứa dữ liệu, không chứa mã code thực thi, định dạng binary .xlsb giúp giảm dung lượng tệp, cải thiện đáng kể tốc độ đồng bộ giữa các máy tính. Trong khi đó, bản thân tệp *BangCongTong\_View.xlsm* đã chứa mã code VBA để lấy kiểm tra và lấy dữ liệu từ file BangCongTong.xlsb và thực hiện các yêu cầu đặc biệt khác như:

* Tô màu ngày công đã sử dụng theo tên đề tài;
* Tính tổng ngày công đã sử dụng theo tên đề tài;
* Hiện nút bấm điều khiển trên thanh Ribbon và gọi một số lệnh theo yêu cầu: Mở bảng công đã chấm, mở tệp *BangCongTong.xlsb.*

### Cách sử dụng

- Nhấn nút "Xem bảng công tổng" để thấy tình hình sử dụng ngày công của các đề tài, nhiệm vụ của phòng.

- Mỗi đề tài được gán cho một màu, số lượng ngày công tổng của mỗi đề tài được thể hiện ở cột "Tổng ngày công"

## Code thành phần module

Option Explicit

' Set folder cham cong, luu trong B9 sheet Config

' Se duoc goi boi btn trong Ribbon

Sub SetFolderChamCong()

Dim DialogTitle As String, DefaultFolderPath As String, GotPath As String

DialogTitle = Telex("Chojn vij tris chuwsa barng chaasm coong:")

DefaultFolderPath = ThisWorkbook.Path

'call function f\_GetAFoderPath

GotPath = f\_GetAFoderPath(DialogTitle, DefaultFolderPath)

If Not GotPath = "" Then ThisWorkbook.Sheets("Config").Range("B9").value = GotPath

Debug.Print " + Set the path of folder Cham cong" & GotPath

End Sub

'Ham mo dialog de chon va in ra duong dan folder

'Co the dung de copy folder

Public Function f\_GetAFoderPath(DialogTitle As String, DefaultFolderPath As String) As String

Dim fd As fileDialog, fso As Object, SourceFolder As Object, destinationFolder As Object, destinationPath As String

Set fd = Application.fileDialog(msoFileDialogFolderPicker)

fd.Title = DialogTitle

fd.AllowMultiSelect = False

fd.InitialFileName = DefaultFolderPath

' Check if the user selected a folder and didn't click cancel

If fd.Show = -1 Then

f\_GetAFoderPath = fd.SelectedItems(1) ' Get the selected folder path as the destination path

Debug.Print " + Selected folder: " & f\_GetAFoderPath

Else

MsgBox "Ban chua chon folder", vbExclamation

End If

Set fd = Nothing

End Function

'Xem bang cong tong cua phong, trong do co liet ke ten de tài, ngay cong, mau sac

Sub OpenBangCongTongView()

Dim Path As String

Path = ThisWorkbook.Sheets("Config").Range("B9").value

If Not Path = "" Then

Path = Path & "\" & "BangCongTong\_View.xlsm"

Workbooks.Open (Path)

Else

MsgBox "Khong tim thay file BangCongTong\_View.xlsm", vbCritical

End If

Debug.Print "- Opened BangCongTong\_View.xlsm"

End Sub

'Mo bang cham cong tung de tai

Sub OpenBangChamCongTungDeTai()

Dim Path As String

Path = ThisWorkbook.Sheets("Config").Range("B9").value

'Mo dialog de chon file Bang cham cong de tai

If Not Path = "" Then

Debug.Print "- Opened Bang cham cong: " & f\_OpenXLSMFileDialog(Path)

End If

End Sub

'Dung cho sub OpenBangChamCongTungDeTai

Function f\_OpenXLSMFileDialog(parentPath As String) As String

Dim selectedFile As String, wb As Workbook

' Create a FileDialog object as a FilePicker dialog box

With Application.fileDialog(msoFileDialogFilePicker)

.Title = "Select an Excel File"

.Filters.Clear

.Filters.Add "Excel Files", "\*.xlsm", 1 ' Allow only Excel files

.InitialFileName = parentPath

' Show the dialog box

If .Show = -1 Then

selectedFile = .SelectedItems(1) ' Get the selected file path

Workbooks.Open (selectedFile) ' Open the selected file

Else

' User canceled the dialog

MsgBox "Nguoi dung da huy chon."

End If

End With

End Function

'Tao folder moi cho Module cham cong cua 1 phong >> OK, da chay

Sub TaoFolderChamCongMoi()

Dim srcFolderPath As String, desFolderPath As String, FileName As String

Debug.Print "- Create new folder Bang cong phong:"

srcFolderPath = ThisWorkbook.Path & "\CSDL\ChamCong\_template" 'Set the source folder path

desFolderPath = f\_GetAFoderPath(Telex("Haxy chojn vij tris muoosn tajo mowsi:"), ThisWorkbook.Path) 'Set the destination folder path

If Not desFolderPath = "" Then

ThisWorkbook.Sheets("Config").Range("B9").value = desFolderPath 'Save the set path into shConfig

ps\_CopyFileToNewFolder srcFolderPath, desFolderPath, "BangCongTong.xlsb" ' Set the files name (2) to be copied

ps\_CopyFileToNewFolder srcFolderPath, desFolderPath, "BangCongTong\_View.xlsm"

End If

Debug.Print "- Created Folder Bang cong phong"

End Sub

'Dung cho sub TaoFolderChamCongMoi

Private Sub ps\_CopyFileToNewFolder(sourceFolderPath As String, destinationFolderPath As String, FileName As String)

' Check if destination folder exists, if not create one

If Dir(destinationFolderPath, vbDirectory) = "" Then

MkDir destinationFolderPath

Debug.Print " + Created folder: " & destinationFolderPath

End If

' Check if source file exists before copying

If Dir(sourceFolderPath & "\" & FileName) <> "" Then

FileCopy sourceFolderPath & "\" & FileName, destinationFolderPath & "\" & FileName ' Copy the file to the destination folder

Debug.Print " + Copied file: " & FileName

Else

MsgBox "Khong tim thay file goc: " & FileName

End If

End Sub

' Tao moi bang cong de tai

Sub TaoBangCongDeTai()

Dim destFullPath As String, parentPath As String, FileName As String, wb As Workbook

' Dialog chon vi tri va nhap ten file .xlsm

With Application.fileDialog(msoFileDialogSaveAs)

.Title = Telex("Chojn thuw mucj vaf ddawjt teen cho barng coong deef tafi:")

.AllowMultiSelect = False

.InitialFileName = "DeTai\_XXX\_CNDT\_YYY.xlsm" ' Set an initial file name

.FilterIndex = 2 ' for .xlsm

If .Show = -1 Then

destFullPath = .SelectedItems(1)

parentPath = GetParentPath(destFullPath)

Else

Exit Sub ' Dung sub

End If

End With

' Kiem tra neu ten file ko co extension .xlsm, neu chua co thêm nó vào

If Right(FileName, 5) <> ".xlsm" Then FileName = FileName & ".xlsm"

' Sao chép file mau vao parent path of selected file

ps\_CopyFileToNewFolder ThisWorkbook.Path & "\CSDL\ChamCong\_template", parentPath, "DeTai\_XXX\_CNDT\_YYY.xlsm"

'Doi ten file vua copy thanh ten da nhap ban dau

Name parentPath & "\" & "DeTai\_XXX\_CNDT\_YYY.xlsm" As destFullPath

'Open bang cong vua tao

Set wb = Workbooks.Open(destFullPath)

Debug.Print "- Da tao moi bang cong de tai: " & destFullPath

Set wb = Nothing

End Sub

'Ham tach string de lay parent path

Private Function GetParentPath(fullPath As String) As String

Dim lastSlash As Integer

lastSlash = InStrRev(fullPath, "\")

If lastSlash > 0 Then

GetParentPath = Left(fullPath, lastSlash - 1)

Else

GetParentPath = ""

End If

End Function

## Code thành phần Userform

Option Explicit

Private Declare PtrSafe Function FindWindowByCaption Lib "user32" Alias "FindWindowA" \_

(ByVal lpClassName As String, ByVal lpWindowName As String) As LongPtr

Private Declare PtrSafe Function GetSystemMenu Lib "user32" \_

(ByVal hwnd As LongPtr, ByVal bRevert As Long) As LongPtr

Private Declare PtrSafe Function GetMenuItemCount Lib "user32" \_

(ByVal hMenu As LongPtr) As Long

Private Declare PtrSafe Function DrawMenuBar Lib "user32" \_

(ByVal hwnd As LongPtr) As Long

Private Declare PtrSafe Function RemoveMenu Lib "user32" \_

(ByVal hMenu As LongPtr, ByVal nPosition As Long, ByVal wFlags As Long) As Long

Private Declare PtrSafe Function GetWindowLong Lib "user32" Alias "GetWindowLongA" \_

(ByVal hwnd As LongPtr, ByVal nIndex As Long) As LongPtr

Private Declare PtrSafe Function SetWindowLong Lib "user32" Alias "SetWindowLongA" \_

(ByVal hwnd As LongPtr, ByVal nIndex As Long, ByVal dwNewLong As LongPtr) As LongPtr

Private Type RECT

Left As Long

Top As Long

Right As Long

Bottom As Long

End Type

Private Const GWL\_STYLE As Long = -16

Private Const WS\_MAXIMIZEBOX As Long = &H10000

Private Const WS\_MINIMIZEBOX As Long = &H20000

Private Const MF\_BYPOSITION As Long = &H400&

Private Const SC\_MINIMIZE As Long = &HF020&

Private Const SC\_MAXIMIZE As Long = &HF030&

Private Sub AddIconToUserForm() 'Chua chay

Dim hwnd As LongPtr

Dim hMenu As LongPtr

Dim iItemCount As Long

Dim lStyle As LongPtr

hwnd = FindWindowByCaption(vbNullString, "fDT\_DauThau")

If hwnd = 0 Then

MsgBox "UserForm not found!", vbExclamation

Exit Sub

End If

hMenu = GetSystemMenu(hwnd, 0)

iItemCount = GetMenuItemCount(hMenu)

RemoveMenu hMenu, iItemCount - 1, MF\_BYPOSITION ' Remove 'Close' menu item

RemoveMenu hMenu, iItemCount - 2, MF\_BYPOSITION ' Remove 'Separator' menu item

RemoveMenu hMenu, 0, MF\_BYPOSITION ' Remove 'Restore' menu item

RemoveMenu hMenu, 0, MF\_BYPOSITION ' Remove 'Move' menu item

lStyle = GetWindowLong(hwnd, GWL\_STYLE)

lStyle = lStyle Or WS\_MINIMIZEBOX Or WS\_MAXIMIZEBOX

SetWindowLong hwnd, GWL\_STYLE, lStyle

DrawMenuBar hwnd

End Sub

'=======================| HIEN THI GIAO DIEN NGUOI DUNG |===================

'---------- Khoi chay userform, hien thi page 1 ---------------------

Private Sub UserForm\_Initialize()

Dim itemsArray() As Variant, TemplateFolderPath As String

mltDauThau.value = 0 'Mac dinh mo page 1

lPageIndicator.Caption = btn\_pTTDuToan.Caption

'Page 1 - cbox Phan loai du toan

itemsArray = Array(Telex("DDuwowfng daaxn template"))

ps\_AddItemsToCombobox cbSetting, itemsArray

cbProject.value = "Setting"

'Page 1 - cbox Phan loai du toan

itemsArray = Array(Telex("Tajo mowsi") & " project", Telex("Tieesp tujc") & " project")

ps\_AddItemsToCombobox cbProject, itemsArray

cbProject.value = "Project"

'Page 1 - cbox Phan loai du toan

itemsArray = Array(Telex("DDeef tafi"), Telex("Nhieejm vuj"), Telex("Duwj toasn"))

ps\_AddItemsToCombobox cbPhanLoaiDuToan, itemsArray

'Page 1 - cbox Ngan sach

itemsArray = Array(Telex("Ngaan sasch Nhaf nuwowsc"), Telex("Ngaan sasch Quoosc phofng"), Telex("Ngaan sasch Quyx chung"), Telex("Ngaan sasch khasc"))

ps\_AddItemsToCombobox cbNganSach, itemsArray

'Page 1 - cbox Linh vuc mua sam

itemsArray = Array(Telex("Hafng hosa"), Telex("Phi tuw vaasn"), Telex("Tuw vaasn"), Telex("Xaay lawsp"), Telex("Hooxn howjp"))

ps\_AddItemsToCombobox cbLinhVuc, itemsArray

'Page 1 - cbox Nguon von

itemsArray = Array(Telex("Ngaan sasch Nhaf nuwowsc"), Telex("Ngaan sasch Quoosc phofng"), Telex("Ngaan sasch Quyx chung"), Telex("Ngaan sasch khasc"))

ps\_AddItemsToCombobox cbNguonVon, itemsArray

'Page 1 - cbox Hinh thuc lua chon nha thau

itemsArray = Array(Telex("Chir ddijnh thaafu rust gojn"), Telex("Chir ddijnh thaafu"), Telex("Chafo hafng cajnh tranh"), Telex("DDaasu thaafu roojng raxi"), Telex("Mua sawsm truwjc tieesp"), Telex("Tuwj thuwjc hieejn"))

ps\_AddItemsToCombobox cbHTLCNT, itemsArray

'Page 1 - cbox Phuong thuc lua chon nha thau

itemsArray = Array(Telex("Khoong cos phuwowng thuwsc LCNT"), Telex("Moojt giai ddoajn, moojt tusi hoof sow"), Telex("Moojt giai ddoajn, hai tusi hoof sow"), Telex("Hai giai ddoajn, moojt tusi hoof sow"), Telex("Hai giai ddoajn, hai tusi hoof sow"))

ps\_AddItemsToCombobox cbPTLCNT, itemsArray

'Page 1 - cbox Thoi gian LCNT

itemsArray = Array("Quý II/2024", "Quý III/2024", "Quý IV/2024", "Quý I/2025", "Quý II/2025", "Quý III/2025", "Quý IV/2025", "Quý I/2026", "Quý II/2026", "Quý III/2026", "Quý IV/2026", "Quý I/2027", "Quý II/2027", "Quý III/2027", "Quý IV/2027", "Quý I/2028", "Quý II/2028", "Quý III/2028", "Quý IV/2028")

ps\_AddItemsToCombobox cbLCNT\_bd, itemsArray

'Page 1 - cbox Loai hop dong

itemsArray = Array(Telex("Trojn gosi"), Telex("DDown gias coos ddijnh"), Telex("DDown gias cos ddieefu chirnh"), Telex("Howjp ddoofng theo thowfi gian"))

ps\_AddItemsToCombobox cbLoaiHopDong, itemsArray

'Page 5 cb nam xa nhat

itemsArray = Array("2019", "2020", "2021", "2022", "2023", "2024", "2025")

ps\_AddItemsToCombobox cbNamXaNhat, itemsArray

'\*\*\*\* Add item for combo box using subroutine

ps\_AddItemsToCbNguoiKy cbQD\_KP\_ky 'cbox Nguoi ky QD phe duyet KP va giao nv

ps\_AddItemsToCbNguoiKy txtQDPhanBo\_ky 'cbox Nguoi ky QD phan bo KP

ps\_AddItemsToCbDonVi Me.cbDonViChuTri 'cbox Don vi chu tri

ps\_AddItemsToCbDonVi Me.cbDonViMuaSam 'cbox Don vi mua sam

ps\_AddItemsToCbChuQuan Me.cbCapChuQuan 'cbox Cap chu quan

ps\_AddItemsToCbNguoiKy Me.cbQD\_KHLCNT\_ky 'cbox nguoi ky QD phe duyet KHLCNT

ps\_AddItemsToCbNguoiKy Me.cbGUQ\_ky 'cbox Nguoi ky giay uy quyen

ps\_AddItemsToCbNguoiKy Me.cbTTHD\_ky 'cbox nguoi ky TTHD

ps\_AddItemsToCbNguoiKy Me.cbHopDong\_ky 'cbox nguoi ky hop dong

'\*\*\*\*\* Hide sheets \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ps\_HideSheetDuToan 'Hide sheets Du toan

ps\_HideSheetDuLieuGoc 'Hide sheets DLG

'\*\*\*\*\*\*\*\*\* Update name ranges \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ps\_DeleteAndReAsignRange shInputData, "Bang2\_KoDT", "S", 4, "W" 'Bang KP ko dau thau

ps\_DeleteAndReAsignRange shInputData, "DS\_GoiThau", "D", 4, "Q" 'Danh sach goi thau

ps\_DeleteAndReAsignRange shInputData, "DS\_ThamDuThau", "Y", 4, "AI" 'Nha thau tham du

ps\_DeleteAndReAsignRange shCanBo, "DLG\_CanBo", "A", 2, "P" 'Danh sach can bo

On Error Resume Next

lbGoiThau.RowSource = "DS\_GoiThau" 'Hien thi listbox

TransferExToGUI 'Read data from shInputData

'Hide Exel app and workbook Phan mem

' Application.Visible = True

ThisWorkbook.Windows(1).Visible = True

' De sau lam tu dong theo cb

' Me.txtQD\_KP.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.txtQD\_KHLCNT.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.txtQDTTD.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.txtQDTCG.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.txtGUQ.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.txtQDHSMT.text = " /Q" & Telex("DD-") & Telex("CNPN")

' Me.btnGoToXuatVanBan.Enabled = True

End Sub

'Setting duong dan cho phan mem

Private Sub cbSetting\_Change()

Select Case cbSetting

Case Telex("DDuwowfng daaxn template")

ps\_PickTemplateFolder 'call from fDT\_DauThau >> da chuyen ve GUI nay

End Select

End Sub

Private Sub ps\_PickTemplateFolder()

Dim fd As fileDialog, selectedFolder As String

Set fd = Application.fileDialog(msoFileDialogFolderPicker) ' Create a FileDialog object as a Folder Picker dialog

' Set properties of the FileDialog object

With fd

.Title = "Chon folder template Dau thau:"

.AllowMultiSelect = False ' Allow the user to select only one folder

.InitialFileName = ThisWorkbook.Path & "\CSDL\MauDauThau\_2024" ' Set the initial folder to the workbook's folder

If .Show = -1 Then ' If the user clicks the "Open" button

selectedFolder = .SelectedItems(1) ' Get the selected folder path

shConfig.Range("B4").value = selectedFolder ' Gan gia tri sheet config, range B4

fDT\_DauThau.lMsgBottom.Caption = "Selected folder: " & selectedFolder ' Print the selected folder path

Else

MsgBox "Chua chon folder!", vbCritical ' Inform the user if no folder is selected

End If

End With

Set fd = Nothing ' Clean up the FileDialog object

End Sub

'combox box project

Private Sub cbProject\_Change()

Select Case cbProject.text

Case Telex("Tajo mowsi") & " project" 'Tao moi project

TaoProjectDauThauMoi 'call sub tu mDT\_Config

Exit Sub

Case Telex("Tieesp tujc") & " project" 'Tiep tuc project cu

TiepTucProjectDauThau 'Goi sub tu mDT\_Config

TransferExToGUI 'Read data from shInputData and display in GUI

lMsgBottom.Caption = Telex("DDax ddojc duwx lieeju thafnh coong!")

Exit Sub

Case Telex("Luwu") & " project"

SaveCurrentProjectDauThau 'Luu project hien tai

lMsgBottom.Caption = Telex("DDax luwu") & " project " & Telex("hieejn taji")

Exit Sub

End Select

cbProject.text = "Project"

End Sub

' ===== Page 1 Thong tin nhiem vu/ du toan =====

' ComboBox Loai du toan

Private Sub cbPhanLoaiDuToan\_Change()

Dim text As String

text = cbPhanLoaiDuToan.text

Select Case text

Case Telex("DDeef tafi"), Telex("Nhieejm vuj")

cbCNNV.Enabled = True

cbDonViChuTri.Enabled = True

cbCapChuQuan.Enabled = True

ps\_AddItemsToCbDonVi cbCapChuQuan

ps\_AddItemsToCbDonVi cbDonViMuaSam

ps\_AddItemsToCbDonVi cbDonViChuTri 'Thay doi list don vi chu tri la cac phong nghien cuu

'add cbCNNV

txtThoiGianThucHien.text = Telex("Tuwf thasng /20 ddeesn thasng /20 ")

Case Telex("Duwj toasn")

cbDonViChuTri.Clear

cbDonViChuTri.Enabled = False

cbCapChuQuan.Clear

cbCapChuQuan.Enabled = False

' cbCNNV.Clear

cbCNNV.Enabled = False

ps\_AddItemsToCbDonVi Me.cbDonViMuaSam

End Select

End Sub

'Loc ten CNNV theo ten don vi mua sam

Private Sub cbDonViMuaSam\_Change()

Dim ws As Worksheet, lastRow As Long

Dim filterRange As Range, filteredData As Range, cell As Range

Set ws = ThisWorkbook.Sheets("DL\_CB") ' ws du lieu can bo

lastRow = ws.Cells(ws.Rows.Count, "A").End(xlUp).row

' Loc du lieu trong cot D dua tren gia tri duoc chon tu cb ten dau moi

Set filterRange = ws.Range("C1:C" & lastRow)

filterRange.AutoFilter Field:=1, Criteria1:=Me.cbDonViMuaSam.value

'Lay ket qua loc tu cot D

On Error Resume Next

Set filteredData = ws.Range("D2:D" & lastRow).SpecialCells(xlCellTypeVisible)

'Dua ket qua vao cbCNNV

If Not filteredData Is Nothing Then

Me.cbCNNV.Clear

For Each cell In filteredData: Me.cbCNNV.AddItem cell.value: Next cell

End If

ws.AutoFilterMode = False 'Xoa bo loc

End Sub

'Sua du lieu goc can bo

Private Sub btnEditCB1\_Click()

fDT\_TraCuu.Show

fDT\_TraCuu.cbTypeSearch.SetFocus

fDT\_TraCuu.cbTypeSearch.text = Telex("Casn booj")

End Sub

'---- Hien thi: Page 5 --------------------------

Private Sub txtNgayMoThau\_Change()

txtNgayMoThau\_2.text = txtNgayMoThau.text

End Sub

'=== Subroutine==========

' subroutine ps\_AddItemsToCombobox: adds items to a ComboBox.

' Parameters:

' - comboBox: Reference to the ComboBox control.

' - items: An array of items to be added to the ComboBox.

Private Sub ps\_AddItemsToCombobox(ByRef comboBox As MSForms.comboBox, itemsArray() As Variant)

Dim i As Integer

comboBox.Clear ' Clear existing items in the ComboBox

For i = LBound(itemsArray) To UBound(itemsArray)

comboBox.AddItem itemsArray(i) ' Add items to the ComboBox

Next i

End Sub

'combo box nguoi ky van ban

Private Sub ps\_AddItemsToCbNguoiKy(ByRef comboBox As MSForms.comboBox)

Dim i As Integer, itemsArray() As Variant

comboBox.Clear ' Clear existing items in the ComboBox

itemsArray = Array(Telex("DDoofng Toorng Giasm ddoosc"), Telex("Toorng Giasm ddoosc"), Telex("Giasm ddoosc"), \_

Telex("Phos Giasm ddoosc"), Telex("Vieejn truwowrng"), Telex("Truwowrng ban"), \_

Telex("Truwowrng phofng"), Telex("Truwowrng booj phaajn"))

For i = LBound(itemsArray) To UBound(itemsArray)

comboBox.AddItem itemsArray(i) ' Add items to the ComboBox

Next i

End Sub

'Them tuy chon cua combo box don vi chu quan

Private Sub ps\_AddItemsToCbChuQuan(ByRef comboBox As MSForms.comboBox)

Dim i As Integer, itemsArray() As Variant

comboBox.Clear ' Clear existing items in the ComboBox

itemsArray = Array(Telex("Booj KH&CN"), Telex("Booj Quoosc phofng"), Telex("Sowr KH&CN TP.HCM"), Telex("Sowr KH&CN Haf Nooji"), Telex("Sowr KH&CN Vuxng Tafu"), Telex("Sowr KH&CN DDoofng Nai"), \_

"----------------", Telex("Toorng cujc Kyx thuaajt"), Telex("Toorng cujc Coong nghieejp Quoosc phofng"), Telex("Trung taam Nhieejt ddowsi Vieejt - Nga"), "----------------", \_

Telex("Vieejn DDooj Beefn"), Telex("Vieejn Y sinh nhieejt ddowsi"), Telex("Vieejn Sinh thasi nhieejt ddowsi"), Telex("Phaan vieejn Coong ngheej sinh hojc"), Telex("Phaan vieejn Hosa - Mooi truwowfng"), \_

Telex("Chi nhasnh Phisa Nam"), Telex("Chi nhasnh Ven Bieern"), Telex("Trung taam Chuyeern giao Coong ngheej mowsi"))

' Add items to the ComboBox

For i = LBound(itemsArray) To UBound(itemsArray): comboBox.AddItem itemsArray(i): Next i

End Sub

'Them tuy chon cua combo box don vi chu tri/ don vi mua sam

Private Sub ps\_AddItemsToCbDonVi(ByRef comboBox As MSForms.comboBox)

Dim i As Integer, itemsArray() As Variant

comboBox.Clear ' Clear existing items in the ComboBox

itemsArray = Array(Telex("Trung taam Nhieejt ddowsi Vieejt - Nga"), \_

Telex("Vawn phofng"), Telex("Vawn phofng phaan ban Vieejt Nam"), Telex("Phofng Chisnh trij"), Telex("Phofng Kees hoajch Khoa hojc"), \_

Telex("Phofng Haaju caafn - Kyx thuaajt"), Telex("Phofng Tafi chisnh"), Telex("Phofng DDafo tajo"), Telex("Phofng thoong tin khoa hojc quaan suwj"), \_

Telex("Phofng quarn lys chuyeern giao coong ngheej"), \_

Telex("Ban Quarn lys casc khu chees thuwr"), Telex("Ban Coong ngheej thoong tin"), \_

"---------------", Telex("Vieejn DDooj beefn"), Telex("Phofng Vaajt lieeju"), Telex("Phofng Kyx thuaajt nhieejt ddowsi"), Telex("Phofng Thuwr nghieejm toorng howjp"), \_

Telex("Trajm Nghieen cuwsu thuwr nghieejm vaajt lieeju"), Telex("Xis nghieejp Vaajt lieeju quaan suwj"), \_

"---------------", Telex("Vieejn Sinh thasi nhieejt ddowsi"), Telex("Phofng Sinh thasi - Mooi truwowfng quaan suwj"), Telex("Phofng Sinh thasi cajn"), Telex("Phofng Sinh thasi nuwowsc"), \_

"---------------", Telex("Vieejn Y sinh nhieejt ddowsi"), Telex("Phofng Thisch nghi vaf Y hojc quaan suwj"), Telex("Phofng Duwowjc hojc"), \_

Telex("Phofng DDoojc hojc vaf casc beejnh truyeefn nhieexm"), Telex("Trung taam nghieen cuwsu - ddieefu trij kyx thuaajt cao"), \_

"---------------", Telex("Phaan vieejn Hosa - Mooi truwowfng"), Telex("Phofng Phaan tisch") & " Ðiôxin", Telex("Phofng Phaan tisch mooi truwowfng"), \_

"---------------", Telex("Phaan vieejn Coong ngheej sinh hojc"), Telex("Phofng Vi sinh"), Telex("Phofng Sinh hosa"), \_

"---------------", Telex("Chi nhasnh Phisa Nam"), Telex("Phofng DDooj beefn nhieejt ddowsi"), Telex("Phofng Sinh thasi cajn"), Telex("Phofng Sinh thasi nuwowsc"), Telex("Phofng Y sinh nhieejt ddowsi"), \_

Telex("Trung taam nghieen cuwsu ddieefu trij OOxi-Cao asp"), Telex("Trajm nghieen cuwsu uwsng dujng vaf thuwr nghieejm Caafn Giowf"), \_

Telex("Ban Hafnh chisnh - Toorng howjp"), Telex("Ban Chisnh trij"), Telex("Ban Kees hoajch Khoa hojc"), Telex("Ban Haaju caafn - Kyx thuaajt"), Telex("Ban Tafi chisnh"), \_

"---------------", Telex("Chi nhasnh Ven Bieern"), Telex("Phofng DDooj beefn nhieejt ddowsi"), Telex("Phofng Sinh thasi nhieejt ddowsi"), Telex("Trajm nghieen cuwsu thuwr nghieejm bieern - DDaafm Basy"), \_

Telex("Ban Hafnh chisnh - Toorng howjp"), Telex("Ban Chisnh trij"), Telex("Ban Kees hoajch Khoa hojc"), Telex("Ban Haaju caafn - Kyx thuaajt"), Telex("Ban Tafi chisnh"), \_

"---------------", Telex("Trung taam Chuyeern giao Coong ngheej mowsi"), \_

Telex("Booj phaajn hafnh chisnh"), Telex("Booj phaajn chisnh trij"), Telex("Booj phaajn Haaju caafn - Kyx thuaajt"), Telex("Booj phaajn Tafi chisnh"), Telex("Phofng kyx thuaajt thuwowng maji"), Telex("Xuwowrng sarn xuaast"))

' Add items to the ComboBox

For i = LBound(itemsArray) To UBound(itemsArray): comboBox.AddItem itemsArray(i): Next i

End Sub

'Doi voi du toan, cac don vi mua sam la co quan

Private Sub ps\_AddItemsToCbCoQuan(ByRef comboBox As MSForms.comboBox)

Dim i As Integer, itemsArray() As Variant

comboBox.Clear ' Clear existing items in the ComboBox

itemsArray = Array(Telex("Trung taam Nhieejt ddowsi Vieejt - Nga"), \_

Telex("Vawn phofng"), Telex("Vawn phofng phaan ban Vieejt Nam"), Telex("Phofng Chisnh trij"), Telex("Phofng Kees hoajch Khoa hojc"), \_

Telex("Phofng Haaju caafn - Kyx thuaajt"), Telex("Phofng Tafi chisnh"), Telex("Phofng DDafo tajo"), Telex("Phofng thoong tin khoa hojc quaan suwj"), Telex("Phofng quarn lys chuyeern giao coong ngheej"), \_

Telex("Ban Quarn lys casc khu chees thuwr"), Telex("Ban Coong ngheej thoong tin"), "---------------", \_

Telex("Ban Hafnh chisnh - Toorng howjp"), Telex("Ban Chisnh trij"), Telex("Ban Kees hoajch Khoa hojc"), Telex("Ban Haaju caafn - Kyx thuaajt"), Telex("Ban Tafi chisnh"), "---------------", \_

Telex("Booj phaajn hafnh chisnh"), Telex("Booj phaajn chisnh trij"), Telex("Booj phaajn Haaju caafn - Kyx thuaajt"), Telex("Booj phaajn Tafi chisnh"), Telex("Phofng kyx thuaajt thuwowng maji"), Telex("Xuwowrng sarn xuaast"))

' Add items to the ComboBox

For i = LBound(itemsArray) To UBound(itemsArray)

comboBox.AddItem itemsArray(i)

Next i

End Sub

'

Private Sub txt\_KP\_KoDauThau\_Change()

On Error Resume Next

lKP\_KoDauThau.Caption = SoTienBangChu(txt\_KP\_KoDauThau.text)

txt\_KP\_KoDauThau.text = Format(txt\_KP\_KoDauThau.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txt\_KP\_KoDauThau\_AfterUpdate()

On Error Resume Next

If CDbl(txt\_KP\_KoDauThau.text) + CDbl(txtKP\_DauThau.text) <> CDbl(txtTongKP.text) Then

lMsgBottom.Caption = Telex("Mowfi nhaajp laji, toorng kinh phis khoong ddusng!")

MsgBox ("Tong kinh phi khong khop, moi kiem tra lai KP dau thau va khong dau thau"), vbCritical

End If

End Sub

Private Sub txtGiaDuThau\_Change()

On Error Resume Next

lGiaDuThau.Caption = SoTienBangChu(txtGiaDuThau.text)

txtGiaDuThau.text = Format(txtGiaDuThau.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtGiaDuToan\_Change()

On Error Resume Next

lGiaDuToan.Caption = SoTienBangChu(txtGiaDuToan.text)

txtGiaDuToan.text = Format(txtGiaDuToan.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtKP\_DauThau\_Change()

On Error Resume Next

lKPDauThau.Caption = SoTienBangChu(txtKP\_DauThau.text)

txtKP\_DauThau.text = Format(txtKP\_DauThau.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtTongKP\_Change()

On Error Resume Next

lTongKP.Caption = SoTienBangChu(txtTongKP.text)

txtTongKP.text = Format(txtTongKP.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*FINISH PAGE 1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'============ Page 2 Phan cong viec ko ap dung hinh thuc LCNT===============

'Nut bam chon KHLCNT trang 2 tu panel ben trai >> Bang khong dau thau

Private Sub btn\_pKHLCNT\_Click()

Dim itemsArray() As Variant, lr As Long

ps\_SaveThongTinNV 'Save page 1

mltDauThau.value = 1

lPageIndicator.Caption = btn\_pKHLCNT.Caption 'Hien thi tien trinh o label tren cung, mau xanh

ps\_AddItemsToCbDonVi fDT\_DauThau.cbDVThucHien 'cbbox

cbDVThucHien.text = Me.cbDonViMuaSam.text

itemsArray = Array(Telex("Toorng thuf lao chur nhieejm nhieejm vuj"), \_

Telex("Thuf lao chur nhieejm nhieejm vuj"), Telex("Thuf lao thuw kys nhieejm vuj"), Telex("Thuf lao tham gia nhieejm vuj"), \_

Telex("Coong tasc trong nuwowsc"), Telex("Vaajt tuw, hosa chaast, dujng cuj"), Telex("Coong tasc nuwowsc ngoafi"), Telex("Kinh phis quarn lys"), \_

Telex("Chi phis ddasnh gias, kieerm tra nooji booj"), \_

Telex("Chi trar dijch vuj thuee ngoafi phujc vuj nghieen cuwsu"), \_

Telex("Hooji tharo khoa hojc"), Telex("AASn loast tafi lieeju, vawn phofng phaarm, thoong tin lieen lajc"), \_

Telex("DDawng kys baro hooj quyeefn sowr huwxu tris tueej"))

ps\_AddItemsToCombobox cbChiKhac1, itemsArray 'call

'Hien thi kinh phi khong dau thau

lr = TimDongCuoiCuaSheet(shInputData, "S")

lTong\_KoDT\_So.Caption = WorksheetFunction.Sum(shInputData.Range("W4:W" & lr + 1))

lTong\_KoDT\_So.Caption = Format(lTong\_KoDT\_So.Caption, "###,###") 'Format dau cham ngan cach hang nghin

lTong\_KoDT.Caption = SoThanhChu(lTong\_KoDT\_So.Caption)

'Hien thi listbox

ps\_DeleteAndReAsignRange shInputData, "Bang2\_KoDT", "S", 4, "W" 'tham so Range Name

On Error Resume Next

lbBangKoDT.RowSource = "Bang2\_KoDT"

lMsgBottom.Caption = Telex("DDieefn thoong tin phaafn coong vieejc khoong asp dujng moojt trong casc hifnh thuwsc LCNT")

btnSaveData.Enabled = False

End Sub

'

Private Sub cbChiKhac1\_Change() 'Thay doi chi chon muc chi

txtChiKhac\_TTien.text = ""

cbKhoanCK.Clear

Select Case cbChiKhac1.text

Case Telex("Chi phis ddasnh gias, kieerm tra nooji booj")

cbKhoanCK.AddItem Telex("Hooji ddoofng xest duyeejt TMMV")

cbKhoanCK.AddItem Telex("Hooji ddoofng thaarm ddijnh tafi chisnh")

cbKhoanCK.AddItem Telex("Hooji ddoofng thaarm ddijnh sarn phaarm thuee khoasn chuyeen moon")

cbKhoanCK.AddItem Telex("Hooji ddoofng thaarm ddijnh ddijnh muwsc kinh tees kyx thuaajt")

cbKhoanCK.AddItem Telex("Hooji ddoofng thaarm ddijnh Tieeu chuaarn cow sowr")

cbKhoanCK.AddItem Telex("Hooji ddoofng nghieejm thu nhieejm vuj")

Case Telex("Chi trar dijch vuj thuee ngoafi phujc vuj nghieen cuwsu")

cbKhoanCK.AddItem Telex("Thuee dijch tafi lieeju tieesng nuwowsc ngoafi")

cbKhoanCK.AddItem Telex("Thuee vaajn chuyeern trang thieest bij nghieen cuwsu")

cbKhoanCK.AddItem Telex("Thuee vaajn chuyeern maaxu")

cbKhoanCK.AddItem Telex("Thuee dijch vuj phaan tisch")

Case Telex("Hooji tharo khoa hojc")

cbKhoanCK.AddItem Telex("Hooji tharo chuyeen ddeef YYY")

cbKhoanCK.AddItem Telex("Hooji tharo khoa hojc ddasnh gias hieeju quar ZZZ")

Case Telex("Coong tasc trong nuwowsc")

cbKhoanCK.AddItem Telex("Coong tasc taji Trung taam")

cbKhoanCK.AddItem Telex("Coong tasc taji Trajm Hofa Lajc")

cbKhoanCK.AddItem Telex("Coong tasc taji Trajm DDaafm Basy")

cbKhoanCK.AddItem Telex("Coong tasc taji Trajm Caafn Giowf")

cbKhoanCK.AddItem Telex("Coong tasc taji ddown vij XXX")

End Select

End Sub

' Giá tri thuc hien

Private Sub txtChiKhac\_TTien\_Change()

lCK\_TTien.Caption = SoThanhChu(txtChiKhac\_TTien.text)

txtChiKhac\_TTien.text = Format(txtChiKhac\_TTien.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

' Button muc chi khong dau thau vao sheet shInputData, va hien thi nguoc tro lai listbox

Private Sub btnThemBang2\_Click()

Dim lr As Byte, rng As Range

lr = TimDongCuoiCuaSheet(shInputData, "S")

Set rng = shInputData.Range("S" & lr) 'Head

'check if data is blank

If cbChiKhac1.text = "" Or cbDVThucHien.text = "" Or txtChiKhac\_TTien = "" Then

MsgBox "Du lieu nhap vao chua du, moi nhap lai!"

Exit Sub

End If

With rng

.Offset(1, 0).value = lr - 3 + 1

.Offset(1, 1).value = cbChiKhac1.text

.Offset(1, 2).value = cbKhoanCK.text

.Offset(1, 3).value = cbDVThucHien.text

.Offset(1, 4).value = CDbl(txtChiKhac\_TTien.text)

.Offset(1, 4).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

End With

ps\_DeleteAndReAsignRange shInputData, "Bang2\_KoDT", "S", 4, "W" 'tham so Range Name

On Error Resume Next

Me.lbBangKoDT.RowSource = "Bang2\_KoDT" 'tham so Range Name

lTong\_KoDT\_So.Caption = WorksheetFunction.Sum(shInputData.Range("W4:W" & lr + 1))

lTong\_KoDT.Caption = SoThanhChu(lTong\_KoDT\_So.Caption)

lTong\_KoDT\_So.Caption = Format(lTong\_KoDT\_So.Caption, "###,###") 'Format dau cham ngan cach hang nghin

lMsgBottom.Caption = Telex("DDax theem 1 khoarn, toorng KP khoong ddaasu thaafu laf: ") & lTong\_KoDT\_So.Caption

End Sub

'Button sua du lieu nha thau trong sheet shInputData, va hien thi nguoc tro lai listbox

Private Sub btnSuaBang2\_Click()

Application.ScreenUpdating = False

Dim lr As Long, i As Long, ID As String

lr = TimDongCuoiCuaSheet(shInputData, "S")

On Error Resume Next

ID = lbBangKoDT.List(lbBangKoDT.ListIndex, 0) 'Kiem tra gia tri cot so 1 nhung index trong lb la 0

On Error GoTo 0

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi nhap lai"

Exit Sub

End If

i = 0

For i = 4 To lr

lbBangKoDT.ListIndex = -1

If shInputData.Cells(i, 16).value = ID Then

With shInputData.Range("S" & i)

.Offset(0, 1).value = cbChiKhac1.text

.Offset(0, 2).value = cbKhoanCK.text

.Offset(0, 3).value = cbDVThucHien.text

.Offset(0, 4).value = CDbl(txtChiKhac\_TTien.text)

End With

On Error Resume Next

Me.lbBangKoDT.RowSource = "Bang2\_KoDT"

lTong\_KoDT\_So.Caption = WorksheetFunction.Sum(shInputData.Range("W4:W" & lr + 1))

lTong\_KoDT\_So.Caption = Format(lTong\_KoDT\_So.Caption, "###,###") 'Format dau cham ngan cach hang nghin

If lTong\_KoDT.Caption = "" Then lTong\_KoDT.Caption = SoThanhChu(lTong\_KoDT\_So.Caption) 'Hien so tong neu chua co, vd.

End If

Next i

Application.ScreenUpdating = True

End Sub

'Button Xoa du lieu nha thau trong sheet shInputData, va hien thi nguoc tro lai listbox (có update)

Private Sub btnXoaBang2\_Click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Long, i As Long, ID As String, selectedRow As Long

Set sh = shInputData

lr = TimDongCuoiCuaSheet(sh, "S")

selectedRow = lbBangKoDT.ListIndex 'index cua con chuot vi tri hien tai trong listbox

i = 0

With Me

On Error Resume Next

ID = lbBangKoDT.List(lbBangKoDT.ListIndex, 0)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi chon lai"

Exit Sub

End If

For i = 4 To lr

If sh.Range("S" & i).value = ID Then

sh.Range("S" & i, "W" & i).Delete Shift:=xlUp 'Tu cot P toi cot T

lMsgBottom.Caption = Telex("DDax xosa duwx lieeju cos ID: ") & ID

Debug.Print "Da xoa du lieu co ID: " & ID

End If

Next i

End With

Set sh = Nothing

ps\_DeleteAndReAsignRange shInputData, "Bang2\_KoDT", "S", 4, "W"

On Error Resume Next

Me.lbBangKoDT.RowSource = "Bang2\_KoDT"

lTong\_KoDT\_So.Caption = WorksheetFunction.Sum(shInputData.Range("W4:W" & lr + 1))

lTong\_KoDT\_So.Caption = Format(lTong\_KoDT\_So.Caption, "###,###") 'Format dau cham ngan cach hang nghin

lTong\_KoDT.Caption = SoThanhChu(lTong\_KoDT\_So.Caption)

Application.ScreenUpdating = True

End Sub

'Click vao lb se hien thi du lieu kinh phí khong dau thau len userform

Private Sub lbBangKoDT\_click()

With Me

cbChiKhac1.text = lbBangKoDT.List(lbBangKoDT.ListIndex, 1)

cbKhoanCK.text = lbBangKoDT.List(lbBangKoDT.ListIndex, 2)

cbDVThucHien.text = lbBangKoDT.List(lbBangKoDT.ListIndex, 3)

txtChiKhac\_TTien.text = lbBangKoDT.List(lbBangKoDT.ListIndex, 4)

lTong\_KoDT\_So.Caption = WorksheetFunction.Sum(shInputData.Range("W4:W" & TimDongCuoiCuaSheet(shInputData, "S") + 1))

End With

End Sub

' Chuyen sang trang 3, phai Click vao Next moi hien ra cbGiamSat

Private Sub btnNext2\_Click()

mltDauThau.value = 2

lPageIndicator.Caption = Telex("Phaan chia gosi thaafu")

cbGiamSat.AddItem Telex("Khoong")

cbGiamSat.AddItem Telex("Ban Tafi chisnh")

cbGiamSat.AddItem Telex("Ban Haaju caafn")

cbGiamSat.AddItem Telex("Phofng Tafi chisnh")

cbGiamSat.AddItem Telex("Phofng Haaju caafn")

lMsgBottom.Caption = Telex("DDieefn thoong tin phaan chia casc gosi thaafu")

btnSaveData.Enabled = False

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HET PAGE 2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'======================== PAGE 3 ============================

'Neu chon CDTRG, tra gia tri PTLCNT la ko co phuong thuc LCNT

Private Sub cbHTLCNT\_Change()

If cbHTLCNT.text = Telex("Chir ddijnh thaafu rust gojn") Then

cbPTLCNT.text = Telex("Khoong cos phuwowng thuwsc LCNT")

Else

cbPTLCNT.text = Telex("Moojt giai ddoajn, moojt tusi hoof sow")

End If

End Sub

Private Sub btnThemGT\_Click()

Application.ScreenUpdating = False

Dim lr As Byte, rng As Range

lr = TimDongCuoiCuaSheet(shInputData, "D")

Set rng = shInputData.Range("D" & lr).Offset(1, 0) 'Tao hang moi

ps\_ThemGoiThau rng 'Them goi thau

ps\_DeleteAndReAsignRange shInputData, "DS\_GoiThau", "D", 4, "Q" 'Set lai Name range

On Error Resume Next

Me.lbGoiThau.RowSource = "DS\_GoiThau" 'Update listbox

lTongGT\_p3.Caption = WorksheetFunction.Sum(shInputData.Range("H4:H" & lr + 1)) 'Tong gia tri cac goi thau

lTongGT\_p3.Caption = Format(lTongGT\_p3.Caption, "###,###")

lMsgBottom.Caption = Telex("DDax theem gosi thaafu soos: ") & shInputData.Range("D" & lr + 1)

Set rng = Nothing

Application.ScreenUpdating = True

End Sub

'Nut sua danh sách gói thau

Private Sub btnSuaGT\_Click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Byte, i As Long, ID As String, rng As Range

Set sh = shInputData

lr = TimDongCuoiCuaSheet(sh, "D")

i = 0

With Me

On Error Resume Next

ID = lbGoiThau.List(lbGoiThau.ListIndex, 0)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi chon lai"

Exit Sub

End If

For i = 4 To lr

If sh.Range("D" & i).value = ID Then

Set rng = sh.Range("D" & i) '

lbGoiThau.ListIndex = -1

ps\_ThemGoiThau rng 'Call ps\_ThemGoiThau

End If

Next i

End With

Set sh = Nothing

ps\_DeleteAndReAsignRange shInputData, "DS\_GoiThau", "D", 4, "Q"

On Error Resume Next

Me.lbThamDuThau.RowSource = "DS\_GoiThau"

lTongGT\_p3.Caption = WorksheetFunction.Sum(shInputData.Range("H4:H" & lr + 1))

lTongGT\_p3.Caption = Format(lTongGT\_p3.Caption, "###,###")

lMsgBottom.Caption = Telex("DDax suwra gosi thaafu soos: ") & ID

Application.ScreenUpdating = True

End Sub

' Subroutine Them goi thau, tham so la range va dong cuoi cung

Private Sub ps\_ThemGoiThau(rng As Range)

With rng

.Offset(0, 0).value = txtSoGThau.text 'So ID cua goi thau

.Offset(0, 1).value = cbLinhVuc.text 'Linh vuc mua sam

.Offset(0, 2).value = txtTenGoiThau.text 'Ten goi thau

.Offset(0, 3).value = txtGT\_CongViec.text 'Tom tat cong viec chinh cua goi thau

On Error Resume Next

.Offset(0, 4).value = CDbl(txtGiaDuToan.text) 'Gia du toan

.Offset(0, 4).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

.Offset(0, 5).value = cbNguonVon.text 'Nguon von

.Offset(0, 6).value = cbHTLCNT.text 'Hinh thuc LCNT

.Offset(0, 7).value = cbPTLCNT.text 'Phuong thuc LCNT

.Offset(0, 8).value = txtLCNT\_Total.text 'Tong thoi gian lua chon nha thau

.Offset(0, 9).value = cbLCNT\_bd.text 'Thoi gian bat dau LCNT

.Offset(0, 10).value = cbLoaiHopDong.text 'Loai hop dong

.Offset(0, 11).value = txtThoiGianHopDong.text & " ngày" 'Thoi gian thuc hien hop dong

.Offset(0, 12).value = txtGT\_MuaThem.text 'Tuy chon mua them

.Offset(0, 13).value = cbGiamSat.text 'Don vi giam sat

End With

End Sub

'Button Xoa du lieu nha thau trong sheet shInputData, va hien thi nguoc tro lai listbox (có update)

Private Sub btnXoaGT\_Click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Long, i As Long, ID As String, selectedRow As Long

Set sh = shInputData

lr = TimDongCuoiCuaSheet(sh, "D")

selectedRow = lbGoiThau.ListIndex 'index cua con chuot vi tri hien tai trong listbox

i = 0

With Me

On Error Resume Next

ID = lbGoiThau.List(lbGoiThau.ListIndex, selectedRow)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi chon lai"

Exit Sub

End If

For i = 4 To lr

lbGoiThau.ListIndex = -1

If sh.Cells(i, 0).value = ID Then

sh.Range("D" & i, "Q" & i).Delete Shift:=xlUp 'Xóa hàng trong range

Exit For

End If

Next i

End With

Set sh = Nothing

ps\_DeleteAndReAsignRange shInputData, "DS\_GoiThau", "D", 4, "Q" 'Reset name range

On Error Resume Next

lbGoiThau.RowSource = "DS\_GoiThau" 'Update lb

On Error Resume Next

lbGoiThau.ListIndex = i - 2

lTongGT\_p3.Caption = WorksheetFunction.Sum(shInputData.Range("H4:H" & lr + 1)) 'Display tong gia tri các gói thau

lTongGT\_p3.Caption = Format(lTongGT\_p3.Caption, "###,###") 'format

lMsgBottom.Caption = Telex("DDax xosa 01 gosi thaafu")

Application.ScreenUpdating = True

End Sub

'Click vao listbox thi hien thi len GUI

Private Sub lbGoiThau\_Click()

Dim text As String

txtSoGThau.text = lbGoiThau.List(lbGoiThau.ListIndex, 0) 'So luong goi thau

cbLinhVuc.text = lbGoiThau.List(lbGoiThau.ListIndex, 1) 'Linh vuc mua sam

txtTenGoiThau.text = lbGoiThau.List(lbGoiThau.ListIndex, 2) 'Ten goi thau

txtGT\_CongViec.text = lbGoiThau.List(lbGoiThau.ListIndex, 3) 'Tom tat cong viec chinh cua goi thau

txtGiaDuToan.text = lbGoiThau.List(lbGoiThau.ListIndex, 4) 'Gia du toan cua goi thau

cbNguonVon.text = lbGoiThau.List(lbGoiThau.ListIndex, 5) 'Ngan sach

cbHTLCNT.text = lbGoiThau.List(lbGoiThau.ListIndex, 6) 'Hinh thuc LCNT

cbPTLCNT.text = lbGoiThau.List(lbGoiThau.ListIndex, 7) 'Phuong thuc LCNT

txtLCNT\_Total.text = lbGoiThau.List(lbGoiThau.ListIndex, 8) 'Tong thoi gian thuc hien goi thau (ngay)

cbLCNT\_bd.text = lbGoiThau.List(lbGoiThau.ListIndex, 9) 'Thoi gian bat dau LCNT

cbLoaiHopDong.text = lbGoiThau.List(lbGoiThau.ListIndex, 10) 'Loai hop dong

text = lbGoiThau.List(lbGoiThau.ListIndex, 11) 'Thoi gian thuc hien hop dong chua tach ngay

On Error Resume Next

txtThoiGianHopDong.text = Left(text, Len(text) - 5) 'Thoi gian thuc hien hop dong da tach ngay

txtGT\_MuaThem.text = lbGoiThau.List(lbGoiThau.ListIndex, 12) 'Tuy chon mua them

cbGiamSat.text = lbGoiThau.List(lbGoiThau.ListIndex, 13) 'Don vi/ca nhan giam sat dau thau

End Sub

'Nut nhan chuyen sang Page 4 Phan chia goi thau

Private Sub btnNext3\_Click()

mltDauThau.value = 3

lMsgBottom.Caption = Telex("DDieefn thoong tin trifnh, thaarm ddijnh, phee duyeejt KHLCNT")

btnSaveData.Enabled = True

End Sub

'Nut nhan chuyen ve Page 2

Private Sub btnPrevious3\_Click()

mltDauThau.value = 1

lMsgBottom.Caption = Telex("DDieefn thoong tin kinh phis khoong daasu thaafu")

btnSaveData.Enabled = False

End Sub

'btn Tai mau excel tu CSDL, dien mat hang va import

Private Sub btnTaiMauHH\_Click() '>> chua chay

Application.ScreenUpdating = False

Dim FilePath As String, FileName As String, wb As Workbook

FilePath = ThisWorkbook.Path & "\CSDL\CSDL\_hang\_hoa"

FileName = "DM\_hang\_hoa\_goi\_thau.xlsx"

Set wb = Workbooks.Open(FilePath & "\" & FileName) 'open mau excel

FilePath = ThisWorkbook.Sheets("Config").Range("B5").value & "\1. File\_excel" 'Chuyen thanh duong dan moi

wb.SaveAs (FilePath & "\" & FileName)

Set wb = Nothing

Application.ScreenUpdating = True

Debug.Print " + Da tai mau excel: " & FileName

End Sub

'btn Import danh muc hang hoa cho 1 goi thau

Private Sub btnImportHH\_Click()

Dim wsImpName As String, srcWsName As String

Dim firstColStr As String, lastColStr As String, firstRow As Byte

Dim CheckColDupli As String, firstColSrc As String

Dim copyRange As Range, checkRange As Range

wsImpName = "Mau01A"

firstColStr = "A"

lastColStr = "P"

firstRow = 6

srcWsName = "InputDauThau"

CheckColDupli = "AL" 'Phan biet boi ID

firstColSrc = "AK" 'Cot dau tien copy vao src ws

'Call subroutine, Co dialog chon file import roi

ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, \_

srcWsName, CheckColDupli, firstColSrc

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PAGE 3 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'============== BUTTON DIEU HUONG =====

'Button dieu huong ve trang 1 >> Thong tin du toan

Private Sub btn\_pTTDuToan\_Click()

Me.mltDauThau.value = 0

lPageIndicator.Caption = btn\_pTTDuToan.Caption

lMsgBottom.Caption = btn\_pTTDuToan.Caption

btnSaveData.Enabled = True

End Sub

'================Page 4 Phe duyet KHLCNT========================

Private Sub btnPrevious4\_Click() 'Dieu huong ve Trang 3

mltDauThau.value = 2

lMsgBottom.Caption = Telex("Phaan chia casc gosi thaafu")

btnSaveData.Enabled = False

btnSaveData.Enabled = False

End Sub

'================Page 5 Phe duyet HSMT===========================

Private Sub btn\_pHSMT\_Click()

ps\_SaveKH 'Save page KHLCNT - page 4

Me.mltDauThau.value = 4

lPageIndicator.Caption = btn\_pHSMT.Caption

lMsgBottom.Caption = btn\_pHSMT.Caption 'Bao msg ben duoi

On Error Resume Next

cbGoiThau\_p5.RowSource = "DS\_GoiThau" 'Update listbox

btnSaveData.Enabled = True

End Sub

'Neu phan tram bao dam du thau thay doi

Private Sub txtPT\_BDDT\_Change()

Dim userInput As String, convertedInput As String

userInput = Me.txtPT\_BDDT.value ' Get the user input from the textbox

' Check if the user input contains a period (.)

If InStr(userInput, ".") > 0 Then

convertedInput = Replace(userInput, ".", ",") ' Replace the period (.) with a comma (,)

Me.txtPT\_BDDT.value = convertedInput ' Update the textbox value with the converted input

End If

'Neu nhap so, lam phep tinh ngay

If IsNumeric(txtPT\_BDDT.value) Then txtBDDuThau.text = txtPT\_BDDT.value \* CDbl(lGiaDuToan\_p5.Caption) / 100

End Sub

'Khi textbox Hieu luc HSDT thay doi >> Hieuj luc bao dam du thau thay doi

Private Sub txtHieuLucHSDT\_Change()

On Error Resume Next

txtHieuLucBDDuThau.value = txtHieuLucHSDT.value + 30 'Hieu luc bao dam hop dong

End Sub

Private Sub cbGoiThau\_p5\_Change()

Application.ScreenUpdating = False

Dim txtGT As String, LookedRng As Range, MatchIndex As Variant, i As Long

cbGoiThau\_p5.Enabled = True 'Enable cbGoiThau\_p5, do sub Transer ExToGUI da disable no

txtGT = cbGoiThau\_p5.text ' Store the value from the combobox

Set LookedRng = shInputData.Range("DS\_GoiThau") ' Set the range where you are performing the lookup

' Find the index of the matching value, then Check if MatchIndex is a valid index

' If MatchIndex is a valid index, retrieve the corresponding value using INDEX

MatchIndex = Application.Match(txtGT, LookedRng.Columns(3), 0) 'Kiem tra theo ten nha thau (cot 3)

If Not IsError(MatchIndex) Then

lGiaDuToan\_p5.Caption = Format(lGiaDuToan\_p5.Caption, "###,###") 'format number

lLinhVuc\_p5.Caption = LookedRng.Cells(MatchIndex, 2).value 'Linh vuc mua sam

txtGT\_CongViec.text = LookedRng.Cells(MatchIndex, 4).value 'Tom tat cong viec chinh cua goi thau

lGiaDuToan\_p5.Caption = LookedRng.Cells(MatchIndex, 5).value 'Gia du toan

lHTLCNT.Caption = LookedRng.Cells(MatchIndex, 7).value 'Hinh thuc LCNT

lPTLCNT.Caption = LookedRng.Cells(MatchIndex, 8).value 'Phuong thuc LCNT

lLCNT\_p5.Caption = LookedRng.Cells(MatchIndex, 9).value 'Thoi gian LCNT (ngay)

lLCNT\_bd.Caption = LookedRng.Cells(MatchIndex, 10).value 'Thoi gian bat dau LCNT

lHD\_loai.Caption = LookedRng.Cells(MatchIndex, 11).value 'Loai hop dong

lHD\_t.Caption = LookedRng.Cells(MatchIndex, 12).value 'Thoi gian thuc hien hop dong

txtGT\_MuaThem.text = LookedRng.Cells(MatchIndex, 13).value 'Tuy chon mua them

lGiamSat.Caption = LookedRng.Cells(MatchIndex, 14).value 'To chuc giam sat

txtDoanhThuNam.text = lGiaDuToan\_p5.Caption \* 1.5 'Doanh thu nam

txtHDTuongTu.text = lGiaDuToan\_p5.Caption \* 0.7 'Gia tri hop dong tuong tu

txtTongHDTuongTu.text = txtHDTuongTu.text \* 3 'Tong gia tri hop dong tuong tu

txtBDDuThau.text = lGiaDuToan\_p5.Caption \* 0.03 'Bao dam du thau

Else

lMsgBottom.Caption = "Value not found" ' If MatchIndex is an error (e.g., no match found), display a message or handle it accordingly

End If

txtHieuLucHSDT.value = 30 'Hieu luc E-HSDT

txtHieuLucBDDuThau.value = txtHieuLucHSDT.value + 30 'Hieu luc bao dam hop dong

txtThauPhu\_pt.value = 0 'Phan tram nha thau phu

txtKLtang.value = 10 'Khoi luong tang (mua them)

cbNamXaNhat.text = "2020" 'Nam xa nhat

Set LookedRng = Nothing ' Clean up

Application.ScreenUpdating = True

End Sub

'Doanh thu nam

Private Sub txtDoanhThuNam\_Change()

txtDoanhThuNam.text = Format(txtDoanhThuNam.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtHDTuongTu\_Change()

txtHDTuongTu.text = Format(txtHDTuongTu.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtTongHDTuongTu\_Change()

txtTongHDTuongTu.text = Format(txtTongHDTuongTu.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtBDDuThau\_Change()

lBDDuThau.Caption = SoTienBangChu(txtBDDuThau)

txtBDDuThau.text = Format(txtBDDuThau.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'===================Page 6 Danh gia HSDT=======================

Private Sub btn\_pBCDG\_Click()

ps\_SaveHSMT 'Page 5 - Phe duyet Ho so moi thau

mltDauThau.value = 5

lPageIndicator.Caption = btn\_pBCDG.Caption

lMsgBottom.Caption = btn\_pBCDG.Caption

On Error Resume Next

lbThamDuThau.RowSource = "DS\_ThamDuThau"

On Error Resume Next

cbNhaThau.RowSource = "DLG\_NhaThau"

cbHopLeHSDT.Clear

cbHopLeHSDT.AddItem Telex("DDajt")

cbHopLeHSDT.AddItem Telex("Khoong ddajt")

cbNLKN.Clear

cbNLKN.AddItem Telex("DDajt")

cbNLKN.AddItem Telex("Khoong ddajt")

cbDGKThuat.Clear

cbDGKThuat.AddItem Telex("DDajt")

cbDGKThuat.AddItem Telex("Khoong ddajt")

End Sub

'Thay doi khi chon nha thau: MST, DKKD, dia chi, dai dien, chuc vu, tim trong DLG\_NhaThau

Private Sub cbNhaThau\_Change()

Dim sh As Worksheet, NThau As String, NameRng As String, lr As Long

Set sh = shNhaThau

lr = TimDongCuoiCuaSheet(sh, "B") 'So DKKD

On Error Resume Next

NThau = Me.cbNhaThau.text

' On Error GoTo 0

txtNT\_MST.text = Excel.WorksheetFunction.index(sh.Range("E2:E" & lr), Excel.WorksheetFunction.Match(NThau, sh.Range("C2:C" & lr), 0)) 'Cot E: Tim MST

txtDKKD.text = Excel.WorksheetFunction.index(sh.Range("B2:B" & lr), Excel.WorksheetFunction.Match(NThau, sh.Range("C2:C" & lr), 0)) 'Cot B: Tim so DKKD

txtNT\_dc.text = Excel.WorksheetFunction.index(sh.Range("F2:F" & lr), Excel.WorksheetFunction.Match(NThau, sh.Range("C2:C" & lr), 0)) 'Cot F: Tim dia chi

txtNT\_DaiDien.text = Excel.WorksheetFunction.index(sh.Range("J2:J" & lr), Excel.WorksheetFunction.Match(NThau, sh.Range("C2:C" & lr), 0)) 'Cot J: Tim dai dien nha thau

txtNT\_cv.text = Excel.WorksheetFunction.index(sh.Range("K2:K" & lr), Excel.WorksheetFunction.Match(NThau, sh.Range("C2:C" & lr), 0)) 'Cot K: Tim chuc vu

End Sub

Private Sub txtGiaDuThau0\_Change()

On Error Resume Next

lGiaDuThau0.Caption = SoThanhChu(txtGiaDuThau0.text)

txtGiaDuThau0.text = Format(txtGiaDuThau0.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtGiaHCSaiLech\_Change()

On Error Resume Next

lGiaHCSaiLech.Caption = SoThanhChu(txtGiaHCSaiLech.text)

txtGiaHCSaiLech.text = Format(txtGiaHCSaiLech.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtGiamGia\_Change()

On Error Resume Next

lGiamGia.Caption = SoThanhChu(txtGiamGia.text)

txtGiamGia.text = Format(txtGiamGia.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtSauHCSaiLech\_Change()

On Error Resume Next

lSauHCSaiLech.Caption = SoThanhChu(txtSauHCSaiLech.text)

txtSauHCSaiLech.text = Format(txtSauHCSaiLech.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtUuDai\_Change()

On Error Resume Next

lUuDai.Caption = SoThanhChu(txtUuDai.text)

txtUuDai.text = Format(txtUuDai.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Click vao listbox Các nhà thau tham du

Private Sub lbThamDuThau\_Click()

If lbThamDuThau.ListIndex >= 0 And lbThamDuThau.ListIndex <= UBound(lbThamDuThau.List) Then

cbNhaThau.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 1)

cbHopLeHSDT.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 2)

cbNLKN.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 3)

cbDGKThuat.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 4)

txtGiaDuThau0.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 5)

txtGiaHCSaiLech.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 6)

txtGiamGia.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 7)

txtSauHCSaiLech.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 8)

txtUuDai.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 9)

txtGiaDuThau.text = lbThamDuThau.List(lbThamDuThau.ListIndex, 10)

End If

End Sub

'Nut them nha thau tham du o trang BCDG

Private Sub btnThemNhaThau\_Click()

Dim lr As Byte, rng As Range

lr = TimDongCuoiCuaSheet(shInputData, "Y")

Set rng = shInputData.Range("Y" & lr) 'Head

ps\_ThemNhaThau rng, lr

ps\_DeleteAndReAsignRange shInputData, "DS\_ThamDuThau", "Y", 4, "AI"

On Error Resume Next

Me.lbThamDuThau.RowSource = "DS\_ThamDuThau"

End Sub

'Nut sua danh sách nhà thau tham du

Private Sub btnSuaNT\_Click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Byte, i As Long, ID As String, selectedRow As Long, rng As Range

Set sh = shInputData

lr = TimDongCuoiCuaSheet(sh, "Y")

selectedRow = lbThamDuThau.ListIndex 'index cua con chuot vi tri hien tai trong listbox

i = 0

With Me

On Error Resume Next

ID = lbThamDuThau.List(lbThamDuThau.ListIndex, 0)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi chon lai"

Exit Sub

End If

For i = 4 To lr

.lbThamDuThau.ListIndex = -1

If sh.Range("Y" & i).value = ID Then

Set rng = sh.Range("Y" & i - 1) 'i-1 cho phu hop voi psThemNhaThau (vi dung offset)

ps\_ThemNhaThau rng, lr 'Da xoa mat ID cu

sh.Range("Y" & i).value = ID 'Tra lai ID ban dau

.lMsgBottom.Caption = Telex("DDax suwra duwx lieeju thafnh coong nhaf thaafu STT: ") & ID

Exit For

End If

Next i

End With

Set sh = Nothing

ps\_DeleteAndReAsignRange shInputData, "DS\_ThamDuThau", "Y", 4, "AI"

On Error Resume Next

Me.lbThamDuThau.RowSource = "DS\_ThamDuThau"

Application.ScreenUpdating = True

End Sub

'Button Xoa nha thau tham du

Private Sub btnXoaNT\_click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Long, i As Long, ID As String, selectedRow As Long

Set sh = shInputData

lr = TimDongCuoiCuaSheet(sh, "Y")

selectedRow = lbThamDuThau.ListIndex 'index cua con chuot vi tri hien tai trong listbox

i = 0

With Me

On Error Resume Next

ID = lbThamDuThau.List(lbThamDuThau.ListIndex, selectedRow)

If ID = "" Then

MsgBox "Khong tim thay muc chi nay, moi chon lai"

Exit Sub

End If

For i = 4 To lr

If sh.Range("Y" & i).value = ID Then

sh.Range("Y" & i, "AI" & i).Delete Shift:=xlUp

End If

Next i

End With

Set sh = Nothing

ps\_DeleteAndReAsignRange shInputData, "DS\_ThamDuThau", "Y", 4, "AI"

On Error Resume Next

Me.lbThamDuThau.RowSource = "DS\_ThamDuThau"

Application.ScreenUpdating = True

End Sub

'subroutine Them/Sua nha thau tham du

Private Sub ps\_ThemNhaThau(rng As Range, lr As Byte)

With rng

.Offset(1, 0).value = Excel.Application.WorksheetFunction.max(shInputData.Range("Y4:Y" & lr)) + 1

.Offset(1, 1).value = cbNhaThau.text

.Offset(1, 2).value = cbHopLeHSDT.text

.Offset(1, 3).value = cbNLKN.text

.Offset(1, 4).value = cbDGKThuat.text

.Offset(1, 5).value = txtGiaDuThau0.text

.Offset(1, 6).value = txtGiaHCSaiLech.text

.Offset(1, 7).value = txtGiamGia.text

.Offset(1, 8).value = txtSauHCSaiLech.text

.Offset(1, 9).value = txtUuDai.text

.Offset(1, 10).value = txtGiaDuThau.text

.Offset(1, 11).value = cbGiamSat.text

End With

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PAGE 6 ==================================

'====================Page 7 ============================

Private Sub btn\_pTTHD\_Click()

ps\_SaveBCDG

Me.mltDauThau.value = 6

lPageIndicator.Caption = btn\_pTTHD.Caption

lMsgBottom.Caption = btn\_pTTHD.Caption

ps\_DeleteAndReAsignRange shInputData, "DS\_ThamDuThau", "Y", 4, "AI" 'Nha thau tham du

On Error Resume Next

Me.cbNT\_Trung.RowSource = "DS\_ThamDuThau" 'Hien ds nha thau tham du de chon moi thuong thao

btnSaveData.Enabled = True

End Sub

'btn "+" de chon/edit/them nha cung cap

Private Sub btnEditNT7\_Click()

fDT\_TraCuu.Show

fDT\_TraCuu.cbTypeSearch.SetFocus

fDT\_TraCuu.cbTypeSearch.text = Telex("Nhaf cung caasp")

End Sub

'=============== Page 8 Phe duyet ket qua ============================

Private Sub btn\_pKQLCNT\_Click()

ps\_SaveTTHD 'page 7 - Thuong thao hop dong

Me.mltDauThau.value = 7

End Sub

'Doc so tien Gia trung thau

Private Sub txtGiaTrungThau\_Change()

lGiaTrungThau = SoThanhChu(txtGiaTrungThau.text)

txtGiaTrungThau.text = Format(txtGiaTrungThau.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Doc so tien Tiet kiem trong dau thau

Private Sub txtTietKiem\_Change()

lTietKiem.Caption = SoThanhChu(txtTietKiem.text)

txtTietKiem.text = Format(txtTietKiem.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Doc so tien bao dam hop dong

Private Sub txtBDHD\_Change()

' lBDHD.Caption = SoThanhChu(txtBDHD.text) & " ngày"

lBDHD.Caption = SoThanhChu(txtBDHD.text)

lBDHD\_8.Caption = txtBDHD.text

lBDHD\_c.Caption = lBDHD.Caption

lHieuLucDBHD = txtBDHD\_t.text

txtBDHD.text = Format(txtBDHD.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

Private Sub txtBDHD\_t\_Change()

lHieuLucDBHD = txtBDHD\_t.text

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PAGE 8 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'================ Page 9 Hop dong ====================================

Private Sub btn\_pHopDong\_Click()

ps\_SaveKQ 'Call page 8 - Phe duyet Ket qua LCNT

Me.mltDauThau.value = 8

lPageIndicator.Caption = btn\_pHopDong.Caption

lMsgBottom.Caption = btn\_pHopDong.Caption

btnSaveData.Enabled = True

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PAGE 8 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'=================Page 9 The tai san================================

Private Sub btnTheTS\_Click()

ps\_SaveHopDong 'page 8 - Ky ket, thuc hien hop dong

Me.mltDauThau.value = 9

lPageIndicator.Caption = btnTheTS.Caption

End Sub

'Gia tài san

Private Sub txtTSGia\_Change()

txtTSGia.text = Format(txtTSGia.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Tai san nguyen gia

Private Sub txtTSNguyenGia\_Change()

txtTSNguyenGia.text = Format(txtTSNguyenGia.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Phi chay thu

Private Sub txtTSPhiChayThu\_Change()

txtTSPhiChayThu.text = Format(txtTSPhiChayThu.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'Phi van chuyen

Private Sub txtTSPhiVanChuyen\_Change()

txtTSPhiVanChuyen.text = Format(txtTSPhiVanChuyen.text, "###,###") 'Format dau cham ngan cach hang nghin

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PAGE 9 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'=============== Lap to trinh phe duyet KHLCNT======================================

'Chon/bo chon checkbox trong ca frame

'Code works

' Ham tickcheckbox có the tai su dung

Private Sub chxTestChonHet\_Click()

If fDT\_DauThau.chxTestChonHet = True Then

TickCheckBox "fTestChonHet", True

Else

TickCheckBox "fTestChonHet", False ' B? ch?n t?t c?

End If

End Sub

'==============checkbox chon het / bo chon het KHLCNT ===================

Private Sub cb\_Chon\_KHLCNT\_Click()

If cb\_Chon\_KHLCNT.value = True Then

TickCheckBox "fKHLCNT", True

Else

TickCheckBox "fKHLCNT", False

End If

End Sub

'-------- checkbox chon het / bo chon het HSMT--------------

Private Sub cb\_Chon\_HSMT\_Click()

If cb\_Chon\_HSMT.value = True Then

TickCheckBox "fHSMT", True

Else

TickCheckBox "fHSMT", False

End If

End Sub

Private Sub cb\_Chon\_DGHSDT\_Click()

If cb\_Chon\_DGHSDT.value = True Then

TickCheckBox "fDGHSDT", True

Else

TickCheckBox "fDGHSDT", False

End If

End Sub

'-------- checkbox chon het / bo chon het KQLCNT--------------

Private Sub cb\_Chon\_KQLCNT\_Click()

If cb\_Chon\_KQLCNT.value = True Then 'Chon het cot KQLCNT

TickCheckBox "fKQLCNT", True

Else

TickCheckBox "fKQLCNT", False

End If

End Sub

'-------- checkbox chon het / bo chon het Hop dong--------------

Private Sub cb\_Chon\_HopDong\_Click()

If cb\_Chon\_HopDong = True Then 'Chon het cot Hop dong

TickCheckBox "fChonHopDong", True

Else

TickCheckBox "fChonHopDong", False

End If

End Sub

'============Xuat van ban============================================

Private Sub bt\_XuatVanBan\_Click()

Application.ScreenUpdating = False

lMsgBottom.Caption = "processing ......."

Dim i As Byte, col As New Collection, CfgRng As Range

Dim file\_name As String, HinhThucLCNT As String, ParentFolder As String, templateFolder As String, SolvedFolder As String

' Set duong dan folder

ParentFolder = shConfig.Range("B4") 'Duong dan Parent Folder van ban .docx

SolvedFolder = shConfig.Range("B5") 'Duong dan file ket qua, co doi lai ten theo thoi gian xuat file

SolvedFolder = SolvedFolder & "\XuatVanBan\_ " & Format(Now(), "YYMMDD-hhmm") 'Ten folder co chua ten san pham va ngay, gio xu ly van ban

If Dir(SolvedFolder, vbDirectory) = "" Then MkDir SolvedFolder 'Kiem tra su ton tai cua folder, 'Tao moi folder

Select Case Me.mltDauThau.value

Case 3

templateFolder = ""

'Set duong dan template bieu mau KHLCNT theo loai du toan/de tai/nhiem vu

If cbPhanLoaiDuToan.text = Telex("Duwj toasn") Then

templateFolder = ParentFolder & "\KHLC\_theo\_du\_toan"

Else

templateFolder = ParentFolder & "\KHLC\_theo\_de\_tai"

End If

'Call function tao collection file name can xuat van ban

Set col = collectionCheckBox(3)

Case Else

' Set duong dan template bieu mau theo tung linh vuc mua sam va HTLCNT

templateFolder = ""

Select Case Me.cbLinhVuc.text 'Check theo linh vuc mua sam

Case Telex("Hafng hosa")

Select Case Me.cbHTLCNT.text 'Check theo HTLCNT

Case Telex("Chir ddijnh thaafu rust gojn"): templateFolder = ParentFolder & "\HH\_CDTRG"

Case Telex("Chi ddijnh thaafu"): templateFolder = ParentFolder & "\HH\_CDT"

Case Telex("Chafo hafng cajnh tranh"): templateFolder = ParentFolder & "\HH\_CHCT"

Case Telex("DDaasu thaafu roojng raxi"): templateFolder = ParentFolder & "\HH\_DTRR"

Case Telex("Mua sawsm truwjc tieesp"): templateFolder = ParentFolder & "\HH\_MSTT"

Case Telex("Tuwj thuwjc hieejn"): templateFolder = ParentFolder & "\HH\_TuThucHien"

End Select

Case Telex("Phi tuw vaasn") 'Check theo HTLCNT

Select Case Me.cbHTLCNT.text

Case Telex("Chir ddijnh thaafu rust gojn"): templateFolder = ParentFolder & "\PTV\_CDTRG"

Case Telex("Chi ddijnh thaafu"): templateFolder = ParentFolder & "\PTV\_CDT"

Case Telex("Chafo hafng cajnh tranh"): templateFolder = ParentFolder & "\PTV\_CHCT"

Case Telex("DDaasu thaafu roojng raxi"): templateFolder = ParentFolder & "\PTV\_DTRR"

Case Telex("Mua sawsm truwjc tieesp"): templateFolder = ParentFolder & "\PTV\_MSTT"

Case Telex("Tuwj thuwjc hieejn"): templateFolder = ParentFolder & "\PTV\_TuThucHien"

End Select

Case Telex("Tuw vaasn")

Select Case Me.cbHTLCNT.text 'Theo HTLCNT

Case Telex("Chir ddijnh thaafu rust gojn"): templateFolder = ParentFolder & "\TV\_CDTRG"

Case Telex("Chi ddijnh thaafu"): templateFolder = ParentFolder & "\TV\_CDT"

Case Telex("Chafo hafng cajnh tranh"): templateFolder = ParentFolder & "\TV\_CHCT"

Case Telex("DDaasu thaafu roojng raxi"): templateFolder = ParentFolder & "\TV\_DTRR"

Case Telex("Mua sawsm truwjc tieesp"): templateFolder = ParentFolder & "\TV\_MSTT"

Case Telex("Tuwj thuwjc hieejn"): templateFolder = ParentFolder & "\TV\_TuThucHien"

End Select

End Select

'Call function tao collection file name can xuat van ban

Set col = collectionCheckBox(3)

End Select

Debug.Print templateFolder

'Thay the tu trong van ban

For i = 1 To col.Count

file\_name = col(i)

ps\_ThayCumTu templateFolder, SolvedFolder, file\_name, shInputData, "A", 4, 185 '! doi voi funtion nhieu bien thi khong can dau ngoac tron ()

lMsgBottom.Caption = file\_name & " xong!"

Next i

lMsgBottom.Caption = Telex("Hoafn thafnh xuaast vawn barn.")

Application.ScreenUpdating = True

Shell "explorer.exe" & " " & SolvedFolder, vbNormalFocus 'Mo folder

'Xuat file exel Bang 2 ko dau thau

End Sub

'can sua lai code

Private Sub ps\_CopyPivotTableToWb(sourceWorksheet As Worksheet, desWbPath As String, destinationWbName As String, destinationWsName As String, pivotTableName As String)

Dim sourceSheet As Worksheet, desWb As Workbook, pivotTable As pivotTable, cell As Range

Set sourceSheet = sourceWorksheet 'set source sheet

Set desWb = Workbooks.Open(desWbPath & "\" & destinationWbName)

On Error Resume Next

Set pivotTable = sourceSheet.PivotTables(pivotTableName) ' Check if there is a PivotTable in the source sheet

On Error GoTo 0

If pivotTable Is Nothing Then

MsgBox "There is no PivotTable in the source sheet."

Exit Sub

End If

' Copy the PivotTable into a new workbook

With desWb.Sheets(destinationWsName)

.Range("A5").CurrentRegion.Clear

.Range("A1").value = pivotTableName

.Range("A1").Font.Bold = True

pivotTable.RefreshTable

pivotTable.TableRange2.Copy

.Range("A3").PasteSpecial Paste:=xlPasteValues ' Paste as values to remove dependency

For Each cell In .Range("A5").CurrentRegion

cell.EntireColumn.AutoFit

Next cell

End With

desWb.Save 'Save and close the new workbook

Debug.Print " + Copied the pivotTable: " & pivotTableName

End Sub

' Tao colection cua file name (checkbox) da tick chon, ko tinh checkbox "Chon het"

Private Function collectionCheckBox(pageNum As Byte) As Collection

Dim i As Byte, col As Collection

Set collectionCheckBox = New Collection

With Me.mltDauThau(pageNum)

For i = 1 To .Controls.Count - 1

If TypeName(.Controls(i)) = "CheckBox" Then 'Chi chon checkbox

If .Controls(i).value = True And .Controls(i).Caption <> "Chon het" Then

collectionCheckBox.Add .Controls(i).Caption 'Them ten van ban vao collection

End If

End If

Next i

End With

End Function

'============== Button image get date =================

'------ Get date page 1----------

Private Sub imgQDKP\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQD\_KP\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgQDPhanBoKP\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDPhanBo\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

'-------- Get date - page 2--------

Private Sub imgTTrKHLCNT\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTtr\_KHLCNT.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBCTDKH\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBCTD\_KHLCNT.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgQDKHLCNT\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDKHLCNT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgGUQ\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtGUQ\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgEKHLCNT\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtEKHLCNT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTTD\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDTTD\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTCG\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDTCG\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

'--------------- Get date - HSMT page 3 ---------------------------

Private Sub imgTTrHSMT\_Click() 'To trinh phe duyet HSMT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTTrHSMT.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBCTDHSMT\_Click() 'Bao cao tham dinh HSMT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBCTD\_HSMT.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgQDHSMT\_Click() 'QD phe duyet HSMT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDHSMT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTBMT\_Click() 'Thong bao moi thau

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTBMT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgETBMT\_Click() 'So E-TBMT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtETBMT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBaoDauThau\_Click() 'Bao dau thau

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBaoDT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgMoThau\_Click() 'Ngay mo thau

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtNgayMoThau.value = Format(mydate, "dd/mm/yyyy")

End Sub

'========== Get date Danh gia HSDT page 6 ======================

Private Sub imgBCDG\_Click()

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBCDG.value = Format(mydate, "dd/mm/yyyy")

End Sub

'========== Get date Ket qua LCNT page 7 ======================

Private Sub imgTBTTHD\_Click() 'Thong bao moi thuong thao

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTBThuongThao.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTTHD\_Click() 'Ngay thuong thao

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTTHD\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTTrKQ\_Click() 'To trinh KQLCNT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTTrKQ\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBCTDKQ\_Click() 'Ngay lap BCTD KQLCNT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBCTDKQ\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgQDKQ\_Click() 'Ngay ra QD phe duyet KQLCNT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtQDKQ\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTBTrungThau\_Click() 'Ngay thong bao trung thau

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTBTT\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgEKQ\_Click() 'Ngay dang E-KQLCNT

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtEKQ\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

'========== Get date Hop dong page 8 ======================

Private Sub imgHopDong\_Click() 'Ngay ky hop dong

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtHopDong\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBGNT\_Click() 'Ngay ban giao nghiem thu

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBGNT.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgBang8a\_Click() 'Ngay ky bang xac dinh kl cong viec hoan thanh

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtBang8a.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgTLHD\_Click() 'Ngay thanh ly hop dong

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtTLHD.value = Format(mydate, "dd/mm/yyyy")

End Sub

Private Sub imgHoaDon\_Click() 'Ngay xuat hoa don

Dim mydate

mydate = CalendarForm.GetDate

If mydate <> 0 Then Me.txtHoaDon\_d.value = Format(mydate, "dd/mm/yyyy")

End Sub

'=================| Spin button |========================

'Page 3 - Thoi gian LCNT

Private Sub spinb\_LCNT\_t\_Change()

txtLCNT\_Total.text = spinb\_LCNT\_t.value

End Sub

'Page 3 - Thoi gian thuc hien hop dong

Private Sub spinb\_ThoiGianHD\_Change()

txtThoiGianHopDong.text = spinb\_ThoiGianHD.value

End Sub

'Page 3 - So luong goi thau

Private Sub spinbSL\_GoiThau\_Change()

txtSL\_GoiThau.text = spinbSL\_GoiThau.value

End Sub

'Page 5 - Hieu luc BD du thau

Private Sub spinbBDDuThau\_Change()

txtHieuLucBDDuThau.text = spinbBDDuThau.value

End Sub

'====================| PROJECT |==================

'----------------- Nut bam tao project moi ---------------------------

Private Sub btnTaoProjectMoi\_Click()

TaoProjectDauThauMoi 'call sub tu mDT\_Config

lMsgBottom.Caption = Telex("DDax tajo mowsi") & " project " & Telex("ddaasu thaafu!")

End Sub

'----------------- Tiep tuc project cu -------------------------------

Private Sub btnMoProjectCu\_Click()

TiepTucProjectDauThau 'Goi sub tu mDT\_Config

TransferExToGUI 'Read data from shInputData and display in GUI

lMsgBottom.Caption = Telex("DDax ddojc duwx lieeju thafnh coong!")

End Sub

'----------------- Luu project hien tai --------------------

Sub btnSaveProject\_click()

SaveCurrentProjectDauThau

lMsgBottom.Caption = Telex("DDax luwu") & " project " & Telex("hieejn taji")

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* FINISH PROJECT \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Sub ExportRangeToTextFile(rng As Range, FilePath As String)

Dim fileContent As String, rowContent As String, cell As Range, fileNumber As Integer

' Build the content of the text file

For Each cell In rng

rowContent = rowContent & cell.value & vbTab ' Append the value to the row content

' Check if it's the last column in the row

If cell.Column = rng.Columns.Count Then

rowContent = Left(rowContent, Len(rowContent) - 1) ' Remove the extra tab at the end of the row content

fileContent = fileContent & rowContent & vbCrLf ' Append the row content to the file content

rowContent = "" ' Reset the row content for the next row

End If

Next cell

' Create the text file and write the file content

fileNumber = FreeFile

Open FilePath For Output As fileNumber

Print #fileNumber, fileContent

Close fileNumber

End Sub

'======================================== SUBROUTINE ==============

' Fit the UserForm to the full screen

Private Sub ps\_FitFullScreen(frm As Object)

frm.Width = Application.Width

frm.Height = Application.Height

frm.Top = Application.Top

frm.Left = Application.Left

End Sub

'=============== COMMAND AT BOTTOM BAR ==========================

' push du lieu nhap vao file nhap du lieu khi bam button XUAT VAN BAN

Private Sub btnSaveData\_Click()

Dim rng As Range

Me.lMsgBottom = "" 'Clear message

Select Case mltDauThau.value

Case 0: ps\_SaveThongTinNV 'call subroutine to save Thông tin chung vê nhiem vu, du toan

Case 1 'Page 2 - Phan cong viec ko dau thau >> da co command button rieng >> 'Khong can push du lieu

Case 2 'page 3 - Phan chia goi thau >> 'Khong can push du lieu

Case 3: ps\_SaveKH 'page 4 - Van ban phe duyet Ke hoach lua chon nha thau

Case 4: ps\_SaveHSMT 'Page 5 - Phe duyet Ho so moi thau

Case 5: ps\_SaveBCDG 'page 6 - Danh gia HSDT

Case 6: ps\_SaveKQ 'Call page 7 - Phe duyet Ket qua LCNT

Case 7: ps\_SaveHopDong 'page 8 - Ky ket, thuc hien hop dong

Case 8 'page 9 - Lap the tai san

Case 9 'page 10 - Xuat van ban

End Select

Me.lMsgBottom = Telex("Thoong baso: DDax luwu duwx lieeju nhaajp thafnh coong!")

End Sub

'Save input data in page thong tin nhiem vu/du toan

Private Sub ps\_SaveThongTinNV()

With shInputData.Range("B4") 'Dong dau tien chua du lieu

.value = cbPhanLoaiDuToan.text 'Phan loai du toan

.Offset(1, 0).value = txtTenDuToan.text 'Ten du toan/de tai/nhiem vu

.Offset(2, 0).value = cbCapChuQuan.text 'Co quan chu quan

' .Offset(3, 0).value = Me.cb >> De danh

.Offset(4, 0).value = cbDonViChuTri.text 'Don vi chu tri

.Offset(5, 0).value = cbCNNV.text 'Chu nhiem NV

.Offset(6, 0).value = f\_Vlookup(Range("DS\_CanBo"), cbCNNV.text, 2) 'Chuc vu CNNV

.Offset(7, 0).value = f\_Vlookup(Range("DS\_CanBo"), cbCNNV.text, 10) 'Don vi cong tac cua CNNV, ghi tat

.Offset(8, 0).value = f\_Vlookup(Range("DS\_DonVi"), cbDonViChuTri.text, 3) 'Don vi cong tac, ghi day du

.Offset(9, 0).value = f\_Vlookup(Range("DS\_DonVi"), cbDonViChuTri.text, 4) 'Dia chi don vi cong tac

.Offset(10, 0).value = cbNganSach.text 'Ngan sach

.Offset(11, 0).value = txtThoiGianThucHien.text 'Thoi gian thuc hien nhiem vu

.Offset(12, 0).value = CDbl(txtTongKP.text) 'Tong kinh phi du toan/nhiem vu

.Offset(12, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'Format chu so

.Offset(13, 0).value = lTongKP.Caption 'Tong KP bang chu

.Offset(14, 0).value = txtQDKPTen.text 'Noi dung QD phe duyet KP

.Offset(15, 0).value = cbQD\_KP\_ky.text 'Nguoi ky QD phe duyet KP

.Offset(16, 0).value = txtQD\_KP.text 'So QD phe duyet KP

.Offset(17, 0).value = txtQD\_KP\_d.text 'Ngay ky QD phe duyet KP

.Offset(17, 0).value = Format(.Offset(17, 0).value, "dd/mm/yyyy") 'Format lai dinh dang ngay

.Offset(18, 0).value = txtQDPB\_Ten.text 'Noi dung QD phan bo KP

.Offset(19, 0).value = txtQDPhanBo\_ky.text 'Nguoi ky QD phan bo KP

.Offset(20, 0).value = txtQDPhanBo.text 'So QD phan bo KP

.Offset(21, 0).value = txtQDPhanBo\_d.text 'Ngay ky QD phan bo KP

.Offset(21, 0).value = Format(.Offset(21, 0).value, "dd/mm/yyyy") 'Format lai dinh dang ngay

.Offset(22, 0).value = txtMucTieuDauTu.text 'Muc tieu dau tu du an/nhiem vu

.Offset(23, 0).value = cbDonViMuaSam.text 'Don vi mua sam

.Offset(24, 0).value = f\_Vlookup(Range("DS\_DonVi"), cbDonViMuaSam.text, 2) 'Chi huy don vi mua sam (truong phong/ban/bo phan)

.Offset(25, 0).value = f\_Vlookup(Range("DS\_DonVi"), cbDonViMuaSam.text, 3) 'Viet tat cua don vi mua sam

.Offset(26, 0).value = txtNoiDungDauTu.text 'Noi dung dau tu

.Offset(27, 0).value = CDbl(txtKP\_DauThau.text) 'Kinh phi dau thau

.Offset(27, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'Format chu so

.Offset(28, 0).value = lKPDauThau.Caption

.Offset(29, 0).value = CDbl(txt\_KP\_KoDauThau.text) 'Kinh phi ko dau thau

.Offset(29, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'Format chu so

.Offset(30, 0).value = lKP\_KoDauThau.Caption 'Kinh phi ko dau thau bang chu

.Offset(31, 0).value = txtSL\_GoiThau.text 'So luong goi thau

End With

lMsgBottom.Caption = Telex("DDax luwu thoon tin nhieejm vuj / duwj toasn")

End Sub

Private Sub ps\_SaveKH()

With shInputData.Range("B36") 'Row to trinh KHLCNT

.value = txtTtr\_KHLCNT.text 'Ngay ky TTr KH

.value = Format(.value, "dd/mm/yyyy")

If txtTtr\_KHLCNT.text <> "" Then .Offset(1, 0).value = NgayVNString(txtTtr\_KHLCNT.text) 'Ngay ky bang chu

.Offset(2, 0).value = txtBCTD\_KHLCNT.text 'Ngay ky BCTD KHLCNT

.Offset(2, 0).value = Format(.Offset(2, 0), "dd/mm/yyyy") 'Format ngay ky

If txtBCTD\_KHLCNT.text <> "" Then .Offset(3, 0).value = NgayVNString(txtBCTD\_KHLCNT.text) 'Ngay ky bang chu

.Offset(4, 0).value = txtQD\_KHLCNT.text 'So QD phe duyet KHLCNT

.Offset(5, 0).value = txtQDKHLCNT\_d.text 'Ngay ky

.Offset(5, 0).value = Format(.Offset(5, 0).value, "dd/mm/yyyy") 'Format lai ngay ky

.Offset(24, 0).value = cbQD\_KHLCNT\_ky.text 'Ngay ky

If txtQDKHLCNT\_d.text <> "" Then .Offset(6, 0).value = NgayVNString(txtQDKHLCNT\_d.text) 'Ngay ky bang chu

.Offset(7, 0).value = txtGUQ.text 'So cua Giay uy quyen

.Offset(8, 0).value = txtGUQ\_d.text

.Offset(8, 0).value = Format(.Offset(8, 0).value, "dd/mm/yyyy") 'Ngay ky Giay uy quyen

.Offset(9, 0).value = cbGUQ\_ky.text 'Nguoi ky

.Offset(10, 0).value = txtEKHLCNT.text 'So E=KHLCNT

.Offset(11, 0).value = txtEKHLCNT\_d.text 'Ngay dang E-KHLCNT

.Offset(11, 0).value = Format(.Offset(11, 0).value, "dd/mm/yyyy") 'Dinh dang

.Offset(12, 0).value = txtQDTCG.text 'So QD TCG

.Offset(13, 0).value = txtQDTCG\_d.text 'Ngay ky QD TCG

.Offset(13, 0).value = Format(.Offset(13, 0).value, "dd/mm/yyyy") 'Dinh dang

If txtQDTCG\_d.text <> "" Then .Offset(14, 0).value = NgayVNString(txtQDTCG\_d.text) 'Ngay ky bang chu

.Offset(15, 0).value = cbTCG1.text 'Ten To truong TCG

.Offset(16, 0).value = cbTCG2.text 'Ten Thanh vien TCG

.Offset(17, 0).value = cbTCG3.text 'Thu ky TCG

.Offset(18, 0).value = txtQDTTD.text 'So QD TTD

.Offset(19, 0).value = txtQDTTD\_d.text 'Ngay ky QD TTD

.Offset(19, 0).value = Format(.Offset(19, 0).value, "dd/mm/yyyy") 'Format ngay ky QD TTD

If txtQDTTD\_d.text <> "" Then .Offset(20, 0).value = NgayVNString(txtQDTTD\_d.text) 'Ngay ky bang chu

.Offset(21, 0).value = cbTTD1.text 'Ten To truong TTD

.Offset(22, 0).value = cbTTD2.text 'Ten thanh vien TTD

.Offset(23, 0).value = cbTTD3.text 'Ten thu ky TTD

End With

lMsgBottom.Caption = Telex("DDax luwu duwx lieeju KHLNCT")

End Sub

'Save phe duyet HSMT

Private Sub ps\_SaveHSMT()

With shInputData.Range("B61")

'Lay thong tin goi thau can phe duyet

.value = cbGoiThau\_p5.text 'Ten goi thau

.Offset(1, 0).value = lLinhVuc\_p5.Caption 'Linh vuc mua sam

.Offset(2, 0).value = lHTLCNT.Caption 'Hinh thuc LCNT

.Offset(3, 0).value = lPTLCNT.Caption 'Phuong thuc LCNT

On Error Resume Next

.Offset(4, 0).value = CDbl(lGiaDuToan\_p5.Caption) 'Gia du toan

.Offset(4, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

.Offset(5, 0).value = SoThanhChu(lGiaDuToan\_p5.Caption) 'Gia du toan thanh tien

.Offset(6, 0).value = lLCNT\_p5.Caption 'Tong thoi gian LCNT

.Offset(7, 0).value = lLCNT\_bd.Caption 'Thoi gian bat dau LCNT

.Offset(8, 0).value = lHD\_loai.Caption 'Loai hop dong

.Offset(9, 0).value = lHD\_t.Caption 'Thoi gian thuc hien hop dong

.Offset(10, 0).value = lGiamSat.Caption 'Don vi giam sat dau thau

End With

Dim rng As Range

Set rng = shInputData.Range("B72")

With rng

.value = txtTTrHSMT.text 'Ngay ky to trinh HSMT

.value = Format(.value, "dd/mm/yyyy") 'Format ngay ky

If txtTTrHSMT.text <> "" Then .Offset(1, 0).value = NgayVNString(txtTTrHSMT.text) 'Ngay ky bang chu

.Offset(2, 0).value = txtNgayMoThau.text 'Ngay mo thau

.Offset(2, 0).value = Format(.Offset(2, 0).value, "dd/mm/yyyy") 'Format ngay mo thau

If txtNgayMoThau.text <> "" Then .Offset(3, 0).value = NgayVNString(txtNgayMoThau.text) 'Ngay mo thau bang chu

.Offset(4, 0).value = txtHieuLucHSDT.text 'Hieu luc E-HSDT

.Offset(5, 0).value = CDbl(txtBDDuThau.text) 'So tien BD du thau

.Offset(5, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'Format decimal

.Offset(6, 0).value = txtHieuLucBDDuThau.text & " ngày" 'Hieu luc bao dam du thau

.Offset(7, 0).value = CDbl(txtHDTuongTu.text) 'Gia tri hop dong tuong tu

.Offset(7, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'Format decimal

On Error Resume Next

.Offset(8, 0).value = CDbl(txtTongHDTuongTu.text) 'Tong gia tri hd tuong tu

.Offset(8, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

.Offset(9, 0).value = CDbl(txtDoanhThuNam.text)

.Offset(9, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

.Offset(10, 0).value = txtThauPhu\_pt.text 'Phan tram nha thau phu

.Offset(11, 0).value = txtKLtang.text 'Phan tram khoi luong tang len

.Offset(12, 0).value = cbNamXaNhat.text 'Nam tinh xa nhat

End With

Set rng = shInputData.Range("B85")

With rng

.value = txtBCTD\_HSMT.text

.value = Format(.value, "dd/mm/yyyy")

If txtBCTD\_HSMT.text <> "" Then .Offset(1, 0).value = NgayVNString(txtBCTD\_HSMT.text)

.Offset(2, 0).value = txtQDHSMT.text

.Offset(3, 0).value = txtQDHSMT\_d.text

.Offset(3, 0).value = Format(.Offset(3, 0).value, "dd/mm/yyyy")

If txtQDHSMT\_d.text <> "" Then .Offset(4, 0).value = NgayVNString(txtQDHSMT\_d.text)

.Offset(5, 0).value = txtTBMT\_d.text

.Offset(5, 0).value = Format(.Offset(5, 0).value, "dd/mm/yyyy")

If txtTBMT\_d.text <> "" Then .Offset(6, 0).value = NgayVNString(txtTBMT\_d.text)

.Offset(7, 0).value = txtETBMT.text

.Offset(8, 0).value = txtETBMT\_d.text

.Offset(8, 0).value = Format(.Offset(8, 0).value, "dd/mm/yyyy")

.Offset(9, 0).value = txtTinBaoDT.text

.Offset(10, 0).value = txtSoBaoDT.text

.Offset(11, 0).value = txtBaoDT\_d.text

.Offset(11, 0).value = Format(.Offset(11, 0).value, "dd/mm/yyyy")

End With

End Sub

'

Private Sub ps\_SaveBCDG()

With shInputData.Range("B97")

.value = txtBCDG.text

.value = Format(.value, "dd/mm/yyyy")

If txtBCDG.text <> "" Then .Offset(1, 0).value = NgayVNString(txtBCDG.text)

.Offset(2, 0).value = txtGioMoThau.text & Telex(" giowf ") & txtPhutMoThau.text & Telex(" phust")

End With

End Sub

'

Private Sub ps\_SaveTTHD()

With shInputData.Range("B97")

.value = txtBCDG.text

.value = Format(.value, "dd/mm/yyyy")

If txtBCDG.text <> "" Then .Offset(1, 0).value = NgayVNString(txtBCDG.text)

.Offset(2, 0).value = txtGioMoThau.text & Telex(" giowf ") & txtPhutMoThau.text & Telex(" phust")

End With

End Sub

'

Private Sub ps\_SaveKQ()

Dim rng As Range

Set rng = shInputData.Range("B100")

With rng

.value = txtTBThuongThao.text 'Ngay moi thuong thao

.value = Format(.value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtTBThuongThao.text <> "" Then rng.Offset(1, 0).value = NgayVNString(txtTBThuongThao.text) 'Ngay bang chu

.Offset(11, 0).value = txtTTHD.text 'So van ban thuong thao

.Offset(12, 0).value = txtTTHD\_d.text 'Ngay thuong thao

.Offset(12, 0).value = Format(.Offset(12, 0).value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtTTHD\_d.text <> "" Then .Offset(13, 0).value = NgayVNString(txtTTHD\_d.text) 'Ngay bang chu

.Offset(14, 0).value = cbTTHD\_ky.text 'Nguoi ky thuong thao

End With

With rng

Dim MatchIndex As Variant, LookedRng As Range

Set LookedRng = shNhaThau.Range("DLG\_NhaThau")

MatchIndex = Application.Match(cbNT\_Trung.text, LookedRng.Columns(3), 0)

If Not IsError(MatchIndex) Then

.Offset(2, 0).value = cbNT\_Trung.text 'Ten nha thau trung thau

.Offset(3, 0).value = LookedRng.Cells(MatchIndex, 6).value 'dia chi

.Offset(4, 0).value = "vn" & LookedRng.Cells(MatchIndex, 2).value 'Ma dinh danh

.Offset(5, 0).value = LookedRng.Cells(MatchIndex, 2).value 'DKKD

.Offset(6, 0).value = LookedRng.Cells(MatchIndex, 5).value 'MST

.Offset(7, 0).value = LookedRng.Cells(MatchIndex, 7).value 'DienThoai

.Offset(8, 0).value = LookedRng.Cells(MatchIndex, 9).value 'Tk

.Offset(9, 0).value = LookedRng.Cells(MatchIndex, 10).value 'NT ky

.Offset(10, 0).value = LookedRng.Cells(MatchIndex, 11).value 'Chuc vu

' .Offset(15, 0).value = LookedRng.Cells(MatchIndex, 9).value 'Chuc vu nguoi ky cua Nha thau

End If

End With

With rng

On Error Resume Next

.Offset(16, 0).value = CDbl(txtGiaTrungThau.text) 'Gia trung thau

.Offset(16, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'format gia tri

.Offset(17, 0).value = SoThanhChu(txtGiaTrungThau.text) 'Doc so tien bang chu

.Offset(18, 0).value = CDbl(txtBDHD.text) 'So tien bao dam hop dong

.Offset(18, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'format gia tri

.Offset(19, 0).value = SoThanhChu(.Offset(18, 0).value) 'So tien bang chu

.Offset(20, 0).value = txtBDHD\_t.text & " ngày"

End With

Set rng = shInputData.Range("B121")

With rng

.value = txtTTrKQ\_d.text

.value = Format(.value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtTTrKQ\_d.text <> "" Then .Offset(1, 0).value = NgayVNString(txtTTrKQ\_d.text) 'Ngay viet bang chu

.Offset(2, 0).value = txtBCTDKQ\_d.text 'Ngay BCTD KQLCNT

.Offset(2, 0).value = Format(.Offset(2, 0).value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtBCTDKQ\_d.text <> "" Then .Offset(3, 0).value = NgayVNString(txtBCTDKQ\_d.text) 'Ngay viet bang chu

.Offset(4, 0).value = CDbl(txtTietKiem.text) 'So tien tiet kiem

.Offset(4, 0).NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)" 'format gia tri

.Offset(5, 0).value = lTietKiem.Caption 'So tien tiet kiem viet bang chu

.Offset(6, 0).value = txtQDKQ.text 'So QD phe duyet KQLCNT

.Offset(7, 0).value = txtQDKQ\_d.text 'Ngay phe duyet KQ

.Offset(7, 0).value = Format(.Offset(7, 0).value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtQDKQ\_d.text <> "" Then .Offset(8, 0).value = NgayVNString(txtQDKQ\_d.text) 'Ngay viet bang chu

.Offset(9, 0).value = txtTBTT\_d.text 'Ngay thong bao moi thuong thao

.Offset(9, 0).value = Format(.Offset(9, 0).value, "dd/mm/yyyy") 'Format dinh dang ngay

If txtTBTT\_d.text <> "" Then .Offset(10, 0).value = NgayVNString(txtTBTT\_d.text) 'Ngay thong bao viet bang chu

.Offset(11, 0).value = Me.txtEKQ\_d.text 'Ngay dang E-KQLCNT

.Offset(11, 0).value = Format(.Offset(11, 0).value, "dd/mm/yyyy") 'Format dinh dang ngay

End With

Set rng = Nothing

End Sub

'

Private Sub ps\_SaveHopDong()

With shInputData.Range("B133")

.value = txtHopDong.text 'So hop dong

On Error Resume Next

.Offset(1, 0).value = txtHopDong\_d.text 'Ngay ky hop dong

.Offset(1, 0).value = Format(.Offset(1, 0).value, "dd/mm/yyyy") 'Format dinh dang date

If txtHopDong\_d.text <> "" Then .Offset(2, 0).value = NgayVNString(txtHopDong\_d.text) 'Ngay ky bang chu

.Offset(3, 0).value = cbHopDong\_ky.text 'Nguoi ky

.Offset(5, 0).value = txtBGNT.text 'Ngay ky BB BGNT

.Offset(5, 0).value = Format(.Offset(5, 0).value, "dd/mm/yyyy") 'Format dinh dang date

If txtBGNT.text <> "" Then .Offset(6, 0).value = NgayVNString(txtBGNT.text) 'Ngay ky bang chu

.Offset(7, 0).value = txtBang8a.text 'Ngay ky bang xac dinh KL cong viec

.Offset(8, 0).value = txtHoaDon.text 'So hoa don

.Offset(9, 0).value = txtKHHoaDon.text 'Ky hieu hoa don

.Offset(10, 0).value = txtHoaDon\_d.text 'Ngay ky hoa don

.Offset(10, 0).value = Format(.Offset(10, 0).value, "dd/mm/yyyy") 'Format dinh dang date

If txtHoaDon\_d.text <> "" Then .Offset(11, 0).value = NgayVNString(txtHoaDon\_d.text) 'Ngay ky bang chu

.Offset(12, 0).value = txtTLHD.text

.Offset(12, 0).value = Format(.Offset(12, 0).value, "dd/mm/yyyy") 'Format dinh dang date

If txtTLHD.text <> "" Then .Offset(13, 0).value = NgayVNString(txtTLHD.text) 'Ngay thanh ly hop dong bang chu

End With

End Sub

Private Sub btnClose\_Click() 'btn Dong lai

SaveCurrentProjectDauThau 'Luu project hien tai

ps\_UnHideSheetDuToan

Unload Me

fDT\_Main.Show

End Sub

'===============| DOC DU LIEU TU EXCEL VAO USER FORM KHI IMPORT PROJECT |=====================

Private Sub TransferExToGUI()

Application.ScreenUpdating = False

cbGoiThau\_p5.Enabled = False 'Disable cbGoiThau\_p5 de tranh loi khi import du lieu

Me.lMsgBottom = "" 'Clear message

Dim wb As Workbook, rng As Range

Set wb = Workbooks("PhanMemDauThau.xlsm")

'Thông tin chung vê nhiem vu, du toan

Set rng = wb.Sheets("InputDauThau").Range("B4") 'Dong dau tien chua du lieu

With rng

cbPhanLoaiDuToan.text = .value 'Phan loai du toan

txtTenDuToan.text = .Offset(1, 0).value 'Ten du toan/de tai/nhiem vu

cbCapChuQuan.text = .Offset(2, 0).value 'Co quan chu quan

cbDonViChuTri.text = .Offset(4, 0).value 'Don vi chu tri

cbCNNV.text = .Offset(5, 0).value 'Chu nhiem nhiem vu

cbNganSach.text = .Offset(10, 0).value 'Ngan sach

txtThoiGianThucHien.text = .Offset(11, 0).value 'Thoi gian thuc hien nhiem vu

txtTongKP.text = .Offset(12, 0).value 'Tong kinh phi du toan/nhiem vu

lTongKP.Caption = .Offset(13, 0).value 'Tong KP bang chu

txtQDKPTen.text = .Offset(14, 0).value 'Noi dung QD phe duyet KP

cbQD\_KP\_ky.text = .Offset(15, 0).value 'Nguoi ky QD phe duyet KP

txtQD\_KP.text = .Offset(16, 0).value 'So QD phe duyet KP

txtQD\_KP\_d.text = .Offset(17, 0).value 'Ngay ky QD phe duyet KP

txtQDPB\_Ten.text = .Offset(18, 0).value 'Noi dung QD phan bo KP

txtQDPhanBo\_ky.text = .Offset(19, 0).value 'Nguoi ky QD phan bo KP

txtQDPhanBo.text = .Offset(20, 0).value 'So QD phan bo KP

txtQDPhanBo\_d.text = .Offset(21, 0).value 'Ngay ky QD phan bo KP

txtMucTieuDauTu.text = .Offset(22, 0).value 'Muc tieu dau tu du an/nhiem vu

cbDonViMuaSam.text = .Offset(23, 0).value 'Don vi mua sam

txtNoiDungDauTu.text = .Offset(26, 0).value 'Noi dung dau tu

txtKP\_DauThau.text = .Offset(27, 0).value 'Kinh phi dau thau

lKPDauThau.Caption = .Offset(28, 0).value 'Kinh phi dauthau bang chu

txt\_KP\_KoDauThau.text = .Offset(29, 0).value 'Kinh phi ko dau thau

lKP\_KoDauThau.Caption = .Offset(30, 0).value 'Kinh phi ko dau thau bang chu

txtSL\_GoiThau.text = .Offset(31, 0).value 'So luong goi thau

End With

'Page 2 - Phan cong viec ko dau thau >> da co command button rieng, Khong can push du lieu

'page 3 - Phan chia goi thau >>'Khong can push du lieu

'page 4 - Van ban phe duyet Ke hoach lua chon nha thau

Set rng = wb.Sheets("InputDauThau").Range("B36") 'Row to trinh KHLCNT

With rng

txtTtr\_KHLCNT.text = .value 'Ngay ky TTr KH

txtBCTD\_KHLCNT.text = .Offset(2, 0).value 'Ngay ky BCTD KHLCNT

txtQD\_KHLCNT.text = .Offset(4, 0).value 'So QD phe duyet KHLCNT

txtQDKHLCNT\_d.text = .Offset(5, 0).value 'Ngay ky

txtGUQ.text = .Offset(7, 0).value 'So cua Giay uy quyen

txtGUQ\_d.text = .Offset(8, 0).value

cbGUQ\_ky.text = .Offset(9, 0).value 'Nguoi ky

txtEKHLCNT.text = .Offset(10, 0).value 'So E-KHLCNT

txtEKHLCNT\_d.text = .Offset(11, 0).value 'Ngay dang E-KHLCNT

txtQDTCG.text = .Offset(12, 0).value 'So QD TCG

txtQDTCG\_d.text = .Offset(13, 0).value 'Ngay ky QD TCG

cbTCG1.text = .Offset(15, 0).value 'Ten To truong TCG

cbTCG2.text = .Offset(16, 0).value 'Ten Thanh vien TCG

cbTCG3.text = .Offset(17, 0).value 'Thu ky TCG

txtQDTTD.text = .Offset(18, 0).value 'So QD TTD

txtQDTTD\_d.text = .Offset(19, 0).value 'Ngay ky QD TTD

cbTTD1.text = .Offset(21, 0).value 'Ten To truong TTD

cbTTD2.text = .Offset(22, 0).value 'Ten thanh vien TTD

cbTTD3.text = .Offset(23, 0).value 'Ten thu ky TTD

cbQD\_KHLCNT\_ky.text = .Offset(24, 0).value

End With

'Page 5 - Phe duyet Ho so moi thau

Set rng = wb.Sheets("InputDauThau").Range("B61")

With rng

'Lay thong tin goi thau can phe duyet

cbGoiThau\_p5.text = .value 'Ten goi thau

lLinhVuc\_p5.Caption = .Offset(1, 0).value 'Linh vuc mua sam

lHTLCNT.Caption = .Offset(2, 0).value 'Hinh thuc LCNT

lPTLCNT.Caption = .Offset(3, 0).value 'Phuong thuc LCNT

lGiaDuToan\_p5.Caption = .Offset(4, 0).value 'Gia du toan

lGiaDuToan\_p5.Caption = Format(lGiaDuToan\_p5.Caption, "###,###")

lGiaDuToan\_c\_p5.Caption = .Offset(5, 0).value 'Gia du toan bang chu

lLCNT\_p5.Caption = .Offset(6, 0).value 'Tong thoi gian LCNT

lLCNT\_bd.Caption = .Offset(7, 0).value 'Thoi gian bat dau LCNT

lHD\_loai.Caption = .Offset(8, 0).value 'Loai hop dong

lHD\_t.Caption = .Offset(9, 0).value 'Thoi gian thuc hien hop dong

lGiamSat.Caption = .Offset(10, 0).value 'Don vi giam sat dau thau

End With

Set rng = wb.Sheets("InputDauThau").Range("B72")

With rng

'Thong tin cac van ban

txtTTrHSMT.text = .value 'Ngay ky to trinh HSMT

'offset(1,0) ko can doc (ngay bang chu)

txtNgayMoThau.text = .Offset(2, 0).value 'Ngay mo thau

txtHieuLucHSDT.text = .Offset(4, 0).value 'Hieu luc E-HSDT

txtBDDuThau.text = .Offset(5, 0).value 'So tien BD du thau

txtHieuLucBDDuThau.text = .Offset(6, 0).value 'Hieu luc BD du thau

txtHDTuongTu.text = .Offset(7, 0).value 'Gia tri hop dong tuong tu

txtTongHDTuongTu.text = .Offset(8, 0).value 'Tong gia tri hop dong tuong tu

txtDoanhThuNam.text = .Offset(9, 0).value 'Yeu cau doanh thu nam

txtThauPhu\_pt.text = .Offset(10, 0).value 'Phan tram nha thau phu

txtKLtang.text = .Offset(11, 0).value 'Phan tram khoi luong tang len

cbNamXaNhat.text = .Offset(12, 0).value 'Nam xa nhat de danh gia

End With

Set rng = wb.Sheets("InputDauThau").Range("B85")

With rng

txtBCTD\_HSMT.text = .value

txtQDHSMT.text = .Offset(2, 0).value

txtQDHSMT\_d.text = .Offset(3, 0).value

txtTBMT\_d.text = .Offset(5, 0).value

txtETBMT.text = .Offset(7, 0).value

txtETBMT\_d.text = .Offset(8, 0).value

txtTinBaoDT.text = .Offset(9, 0).value

txtSoBaoDT.text = .Offset(10, 0).value

txtBaoDT\_d.text = .Offset(11, 0).value

End With

'page 6 - Danh gia HSDT

Set rng = wb.Sheets("InputDauThau").Range("B97")

With rng

txtBCDG.text = .value

txtGioMoThau.text = .Offset(2, 0).value

txtPhutMoThau.text = .Offset(2, 0).value

' cbNhaThau.text = .Offset(3, 0).value

' txtGiaDuThau.text = .Offset(5, 0).value

End With

'page 7 - Phe duyet Ket qua LCNT

Set rng = wb.Sheets("InputDauThau").Range("B100")

With rng

txtTBThuongThao.text = .value 'Ngay moi thuong thao

txtTTHD.text = .Offset(11, 0).value 'So van ban thuong thao

txtTTHD\_d.text = .Offset(12, 0).value 'Ngay thuong thao

cbTTHD\_ky.text = .Offset(14, 0).value 'Ten nguoi ky

txtGiaTrungThau.text = .Offset(16, 0).value 'Gia trung thau

cbNT\_Trung.text = .Offset(2, 0).value 'Ten nha thau trung thau

txtBDHD.text = .Offset(18, 0).value 'So tien bao dam hop dong

' lBDHD.Caption = .Offset(18, 0).value

' txtBDHD\_t.text = .Offset(13, 0).value

End With

Set rng = wb.Sheets("InputDauThau").Range("B121")

With rng

txtTTrKQ\_d.text = .value

txtBCTDKQ\_d.text = .Offset(2, 0).value

txtTietKiem.text = .Offset(4, 0).value

lTietKiem.Caption = .Offset(5, 0).value

txtQDKQ.text = .Offset(6, 0).value

txtQDKQ\_d.text = .Offset(7, 0).value

txtTBTT\_d.text = .Offset(9, 0).value

txtEKQ\_d.text = .Offset(11, 0).value

End With

' Case 7 'page 8 - Ky ket, thuc hien hop dong

Set rng = wb.Sheets("InputDauThau").Range("B133")

With rng

txtHopDong.text = .value 'So hop dong

txtHopDong\_d.text = .Offset(1, 0).value 'Ngay ky hop dong

cbHopDong\_ky.text = .Offset(3, 0).value 'Nguoi ky

txtBGNT.text = .Offset(5, 0).value 'Ngay ky BB BGNT

txtHoaDon.text = .Offset(7, 0).value 'So hoa don

txtKHHoaDon.text = .Offset(8, 0).value 'Ky hieu hoa don

txtHoaDon\_d.text = .Offset(9, 0).value 'Ngay ky hoa don

End With

Set rng = Nothing

cbGoiThau\_p5.Enabled = True 'Enable cbGoiThau\_p5

Me.lMsgBottom = Telex("Thoong baso: DDax nhaajp duwx lieeju thafnh coong!")

'UnHide Exel app and workbook Phan mem

Application.Visible = True

Workbooks("PhanMemDauThau.xlsm").Windows(1).Visible = True

Application.ScreenUpdating = True

End Sub

'=============================

' DUNG HAM TU TAO DE THAY THE CUM TU TU FILE EXCEL SANG FILE WORD

Sub ps\_ThayCumTu(templateFolder As String, SolvedFolder As String, file\_name As String, InputWs As Worksheet, find\_coln As String, firstRow As Byte, lastRow As Byte)

Dim i As Integer, objWrd As Object, objDoc As Object

Dim phrase As String, target As String

Set objWrd = CreateObject("Word.Application")

objWrd.Visible = False

Set objDoc = objWrd.Documents.Open(templateFolder & "\" & file\_name & ".docx") 'Chi mo file .docx

For i = firstRow To lastRow 'loop

phrase = InputWs.Range(find\_coln & i).text

target = InputWs.Range(find\_coln & i).Offset(0, 1).text

With objDoc.Range.Find

.text = phrase

.Replacement.text = target

.Execute Replace:=wdReplaceAll

End With

Next

objDoc.SaveAs (SolvedFolder & "\" & file\_name & ".docx") ' Luu file docx có ten ma san pham

objDoc.Close

objWrd.Visible = True

objWrd.Quit

Set objDoc = Nothing

Set objWrd = Nothing 'Dong file word vua thay the cum tu

End Sub

# Module quản lý kho

# Báo cáo đấu thầu

'==========BAO CAO TONG HOP CAC GOI THAU======================

Sub SearchPhrasesAndSaveToReport()

Dim wb As Workbook

Dim ws As Worksheet

Dim reportSheet As Worksheet

Dim lastRow As Long

Dim searchRange As Range

Dim foundCell As Range

Dim phrase1 As String

Dim phrase2 As String

Dim phrase3 As String

Set wb = ThisWorkbook

CreateSheetIfNotExists ("Report")

Set reportSheet = Sheets("Report")

phrase1 = "[[phrase\_1]]"

phrase2 = "[[phrase\_2]]"

phrase3 = "[[phrase\_3]]"

' Xoa tu dong 2 toi dong cuoi cua cot A, B, C, D

lastRow = reportSheet.Cells(reportSheet.Rows.Count, "A").End(xlUp).row

reportSheet.Range("A2 : D" & lastRow).value = ""

' Loop through all sheets except the report sheet

For Each ws In wb.Sheets

If ws.Name <> "shReport" Then

lastRow = ws.Cells(ws.Rows.Count, "A").End(xlUp).row

Set searchRange = ws.Range("A1:A" & lastRow)

' Search for phrases 1

Set foundCell = searchRange.Find(phrase1, LookIn:=xlValues, LookAt:=xlWhole)

If Not foundCell Is Nothing Then

reportSheet.Range("A" & reportSheet.Rows.Count).End(xlUp).Offset(1).value = ws.Name

reportSheet.Range("B" & reportSheet.Rows.Count).End(xlUp).Offset(1).value = foundCell.Offset(0, 1).value

End If

' Search for phrases 2

Set foundCell = searchRange.Find(phrase2, LookIn:=xlValues, LookAt:=xlWhole)

If Not foundCell Is Nothing Then

reportSheet.Range("C" & reportSheet.Rows.Count).End(xlUp).Offset(1).value = foundCell.Offset(0, 1).value

End If

' Search for phrases 3

Set foundCell = searchRange.Find(phrase3, LookIn:=xlValues, LookAt:=xlWhole)

If Not foundCell Is Nothing Then

reportSheet.Range("D" & reportSheet.Rows.Count).End(xlUp).Offset(1).value = foundCell.Offset(0, 1).value

End If

End If

Next ws

MsgBox "Da hoan thanh bao cao cac goi thau!"

End Sub

'============FUNCTION=================================================

' Kiem tra va tao mot worksheet va dat ten cho sheet

Function CreateSheetIfNotExists(sheetName As String) As Worksheet

Dim ws As Worksheet

Dim sheetExists As Boolean

sheetExists = False

' Loop through all worksheets in the workbook

For Each ws In ThisWorkbook.Worksheets

If ws.Name = sheetName Then

sheetExists = True

Exit For

End If

Next ws

' Check if the sheet already exists

If sheetExists Then

Set CreateSheetIfNotExists = Nothing

' MsgBox "The sheet '" & sheetName & "' already exists."

Else

' Create a new sheet and name it with the provided name

Set ws = ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Sheets(ThisWorkbook.Sheets.Count))

ws.Name = sheetName

Set CreateSheetIfNotExists = ws

' MsgBox "The sheet '" & sheetName & "' has been created."

End If

End Function

# Module quản lý dữ liệu gốc

## Giới thiệu chung

Module quản lý dữ liệu gốc gồm 4 phần:

* Cơ sở dữ liệu về cán bộ
* Cơ sở dữ liệu về nhà thầu
* Cơ sở dữ liệu về hàng hóa
* Cơ sở dữ liệu về định mức dự toán

Các thao tác có thể thực hiện với dữ liệu gốc, bao gồm: Thêm mới, sửa và xóa dữ liệu. Dữ liệu được quản lý theo dòng, khi nhấn vào bảng dữ liệu bên dưới, các thông tin sẽ được hiển thị tại các trường dữ liệu bên trên.



## Thao tác với dữ liệu về cán bộ

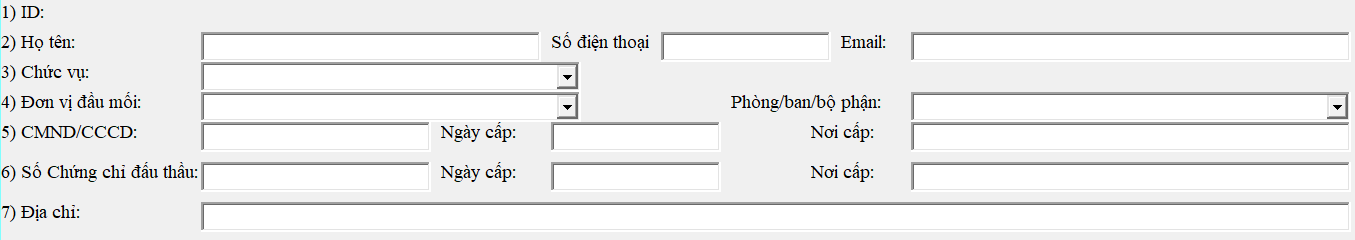
### Thêm dữ liệu

Người dùng có thể thêm mới dữ liệu bằng chế độ “Nhập thủ công” từng hàng dữ liệu hoặc “Nhập từ bảng excel” để import dữ liệu dạng bảng excel.



#### Nhập thủ công

Tích chọn “Nhập thủ công”; điền đầy đủ các trường dữ liệu theo yêu cầu, một số trường dữ liệu ở dạng danh sách, tuy nhiên người dùng vẫn có thể tự nhập.



Nhấn phím “Thêm” để kết thúc quá trình nhập.

Nhấn “CLEAR” để làm mới dữ liệu nhập (nếu cần).

#### Nhập từ bảng excel

Đầu tiên người dùng nhấn “Tải mẫu về”, một bảng excel mẫu sẽ được khởi tạo, người dùng cần điền đầy đủ thông tin các trường dữ liệu theo yêu cầu, lưu tệp excel lại (Tên tệp không chứa dấu tiếng Việt).

Nhấn “Import dữ liệu từ file excel”, một cửa sổ chọn tệp sẽ mở ra, chọn đúng tệp excel vừa tạo, chờ phần mềm kiểm tra xem có trùng dữ liệu đã có không. Nếu có, hàng dữ liệu bị trùng sẽ được tô màu đỏ trong tệp excel. Lúc này người dùng cần xóa các hàng đã trùng, lưu và import lại. Phần mềm sẽ thông báo import dữ liệu thành công.

### Sửa dữ liệu

### Xóa dữ liệu

## Thao tác với dữ liệu về nhà thầu

## Thao tác với dữ liệu về hàng hóa

## Code thành phần userform

Option Explicit

'=============== KHOI CHAY USERFORM =================

Private Sub UserForm\_Initialize()

ps\_DeleteAndReAsignRange shCSDL\_HH, "DLG\_HH", "A", 2, "K" 'tham so Range Name

lbDuLieuGoc.ColumnCount = 11 'de ko xay ra loi 380

lbDuLieuGoc.RowSource = "DLG\_HH"

lSoHangDL.Caption = Telex("Toorng soos hafng duwx lieeju: ") & Range("DLG\_HH").Rows.Count

lbDuLieuGoc.ListIndex = -1

optNhapThuCong.value = True

mltDLG.value = 0 'CSDL Hang hoa page

cbPhanNhom.AddItem Telex("Hosa chaast")

cbPhanNhom.AddItem Telex("Dujng cuj this nghieejm")

cbPhanNhom.AddItem Telex("Vaajt tuw cow khis")

cbPhanNhom.AddItem Telex("Tafi lieeju")

cbPhanNhom.AddItem Telex("Vawn phofng phaarm")

cbPhanNhom.AddItem Telex("Khasc")

cbXuatXu.AddItem "Sigma Aldrich"

cbXuatXu.AddItem "Merck"

cbXuatXu.AddItem "Scharlau"

cbXuatXu.AddItem "Xilong"

cbXuatXu.AddItem Telex("Nhaajt Barn")

cbXuatXu.AddItem Telex("Hafn Quoosc")

cbXuatXu.AddItem Telex("Trung Quoosc")

cbXuatXu.AddItem Telex("AAsn DDooj")

cbXuatXu.AddItem "Pháp"

cbXuatXu.AddItem "Thái Lan"

cbXuatXu.AddItem Telex("Vieejt Nam")

End Sub

'Lua chon nhap du lieu hang hoa thu cong tung mat hang

Private Sub optNhapThuCong\_Click()

btnTaiMauExcel.Visible = False

btnUpMauExcel.Visible = False

End Sub

'Lua chon nhap hang hoa theo danh muc theo mau excel

Private Sub optNhapExcel\_Click()

btnTaiMauExcel.Visible = True

btnUpMauExcel.Visible = True

End Sub

'Lua chon khi thay doi multipage

Private Sub mltDLG\_Change()

Dim itemsArray() As Variant

Select Case mltDLG.value

Case 0 'page Hang hoa

ps\_DeleteAndReAsignRange shCSDL\_HH, "DLG\_HH", "A", 2, "K" 'tham so Range Name

lbDuLieuGoc.ColumnCount = 11 'de ko xay ra loi 380

lbDuLieuGoc.RowSource = "DLG\_HH"

lSoHangDL.Caption = Telex("Toorng soos hafng duwx lieeju: ") & Range("DLG\_HH").Rows.Count

Case 1 'Page Nha thau

ps\_DeleteAndReAsignRange shNhaThau, "DLG\_NhaThau", "A", 2, "M" 'Cot M: Ký hieu hoa don

lbDuLieuGoc.ColumnCount = 14 'de ko xay ra loi 380

lbDuLieuGoc.RowSource = "DLG\_NhaThau"

lSoHangDL.Caption = Telex("Toorng soos hafng duwx lieeju: ") & Range("DLG\_NhaThau").Rows.Count

cbNT\_cv.AddItem Telex("Giasm ddoosc")

cbNT\_cv.AddItem Telex("Cuwra hafng truwowrng")

cbNT\_cv.AddItem Telex("Toorng Giasm ddoosc")

txtDKKD\_NoiCap.text = Telex("Sowr Kees hoajch vaf ddaafu tuw")

Case 2

ps\_DeleteAndReAsignRange shCanBo, "DLG\_CanBo", "A", 2, "Q" 'Cot N: Don vi cong tac

lbDuLieuGoc.ColumnCount = 17 'de ko xay ra loi 380

lbDuLieuGoc.RowSource = "DLG\_CanBo"

'Add chuc vu can bo

itemsArray = Array(Telex("Toorng Giasm ddoosc"), Telex("Phos Toorng giasm ddoosc"), \_

Telex("Giasm ddoosc"), Telex("Phos Giasm ddoosc"), Telex("Vieejn truwowrng"), Telex("Phos Vieejn truwowrng"), \_

Telex("Phaan vieejn truwowrng"), Telex("Phos Phaan vieejn truwowrng"), \_

Telex("Truwowrng phofng"), Telex("Phos Truwowrng phofng"), \_

Telex("Truwowrng ban"), Telex("Phos Truwowrng ban"), Telex("Truwowrng booj phaajn"), \_

Telex("Trowj lys nghieen cuwsu"), Telex("Trowj lys"), Telex("Nhaan vieen"), Telex("Kyx thuaajt vieen"))

ps\_AddItemsToCombobox itemsArray, cbCB\_cv 'call

'Add don vi cong tac

itemsArray = Array(Telex("Phofng Vaajt lieeju"), Telex("Phofng Kyx thuaajt nhieejt ddowsi"), Telex("Phofng Thuwr nghieejm toorng howjp"), \_

Telex("Trajm Nghieen cuwsu thuwr nghieejm vaajt lieeju"), Telex("Xis nghieejp Vaajt lieeju quaan suwj"), \_

Telex("Phofng Sinh thasi - Mooi truwowfng quaan suwj"), Telex("Phofng Sinh thasi cajn"), Telex("Phofng Sinh thasi nuwowsc"), \_

Telex("Phofng Thisch nghi vaf Y hojc quaan suwj"), Telex("Phofng Duwowjc hojc"), \_

Telex("Phofng DDoojc hojc vaf casc beejnh truyeefn nhieexm"), Telex("Trung taam nghieen cuwsu - ddieefu trij kyx thuaajt cao"), \_

Telex("Phofng Phaan tisch") & " Ðiôxin", Telex("Phofng Phaan tisch mooi truwowfng"), \_

Telex("Phofng Vi sinh"), Telex("Phofng Sinh hosa"), \_

Telex("Phofng DDooj beefn nhieejt ddowsi"), Telex("Phofng Sinh thasi cajn"), Telex("Phofng Sinh thasi nuwowsc"), Telex("Phofng Y sinh nhieejt ddowsi"), \_

Telex("Phofng Sinh thasi nhieejt ddowsi"), Telex("Trung taam nghieen cuwsu ddieefu trij OOxi-Cao asp"), \_

Telex("Trajm nghieen cuwsu uwsng dujng vaf thuwr nghieejm Caafn Giowf"), Telex("Trajm nghieen cuwsu thuwr nghieejm bieern - DDaafm Basy"), \_

Telex("Ban Hafnh chisnh - Toorng howjp"), Telex("Ban Chisnh trij"), Telex("Ban Kees hoajch Khoa hojc"), Telex("Ban Haaju caafn - Kyx thuaajt"), Telex("Ban Tafi chisnh"), \_

Telex("Booj phaajn hafnh chisnh"), Telex("Booj phaajn chisnh trij"), Telex("Booj phaajn Haaju caafn - Kyx thuaajt"), Telex("Booj phaajn Tafi chisnh"), Telex("Phofng kyx thuaajt thuwowng maji"), Telex("Xuwowrng sarn xuaast"))

ps\_AddItemsToCombobox itemsArray, Me.cbCB\_DonVi

'Add dau moi

itemsArray = Array(Telex("Vawn phofng"), Telex("Vawn phofng phaan ban Vieejt Nam"), Telex("Phofng Chisnh trij"), Telex("Phofng Kees hoajch Khoa hojc"), \_

Telex("Phofng Haaju caafn - Kyx thuaajt"), Telex("Phofng Tafi chisnh"), Telex("Phofng DDafo tajo"), Telex("Phofng thoong tin khoa hojc quaan suwj"), \_

Telex("Phofng quarn lys chuyeern giao coong ngheej"), \_

Telex("Ban Quarn lys casc khu chees thuwr"), Telex("Ban Coong ngheej thoong tin"), \_

"---------------", Telex("Vieejn DDooj beefn"), Telex("Vieejn Sinh thasi nhieejt ddowsi"), Telex("Vieejn Y sinh nhieejt ddowsi"), \_

Telex("Phaan vieejn Hosa - Mooi truwowfng"), Telex("Phaan vieejn Coong ngheej sinh hojc"), \_

Telex("Chi nhasnh Phisa Nam"), Telex("Chi nhasnh Ven Bieern"), Telex("Trung taam Chuyeern giao Coong ngheej mowsi"))

ps\_AddItemsToCombobox itemsArray, Me.cbCB\_DauMoi

lSoHangDL.Caption = Telex("Toorng soos hafng duwx lieeju: ") & Range("DLG\_CanBo").Rows.Count

Case 3

lbDuLieuGoc.RowSource = ""

lSoHangDL.Caption = ""

End Select

End Sub

'Add item to a combobox, var by Array and combobox name

Private Sub ps\_AddItemsToCombobox(itemsArray() As Variant, ByRef comboBox As MSForms.comboBox)

comboBox.Clear ' Clear existing items in the ComboBox

' Add items to the ComboBox

Dim i As Integer

For i = LBound(itemsArray) To UBound(itemsArray): comboBox.AddItem itemsArray(i): Next i

End Sub

'============COMMAND BUTTON ========================

' Tai mau excel de import du lieu, luu trong folder "Mod\_import", mo san de thao tac

Private Sub btnTaiMauExcel\_Click()

Dim FilePath As String, FileName As String, wb As Workbook

Application.ScreenUpdating = False

FilePath = Workbooks("PhanMemDauThau.xlsm").Path & "\CSDL\CSDL\_can\_bo"

Select Case Me.mltDLG.value

Case 0 'Nhap hang hoa

If optNhapExcel.value = True Then

FileName = "Mau\_nhap\_hang\_hoa\_goc.xlsx"

End If

Case 1 'Nhap nha thau

If optNhapExcel.value = True Then

FileName = "Mau\_nhap\_nha\_thau.xlsx"

End If

Case 2 'Nhap nhan vien

If optNhapExcel.value = True Then

FileName = "Mau\_nhap\_DLG\_can\_bo.xlsx"

End If

Case 3 'Nhap dinh muc du toan

End Select

Set wb = Workbooks.Open(FilePath & "\" & FileName) 'open mau excel

FilePath = ThisWorkbook.Path & "\Mod\_Import" 'Chuyen thanh duong dan moi

wb.SaveAs (FilePath & "\" & FileName)

Set wb = Nothing

Application.ScreenUpdating = True

Debug.Print " + Da tai mau excel: " & FileName

End Sub

'Up Mau excel, su dung subroutine ps\_ImportFileToDLGoc, có dialog chon file can import

Private Sub btnUpMauExcel\_Click()

Dim wsImpName As String, copyRange As Range, srcWsName As String, checkRange As Range

Dim firstColStr As String, lastColStr As String, firstRow As Byte, CheckColDupli As String

Dim firstColSrc As String

Select Case Me.mltDLG.value

Case 0 'Nhap hang hoa

If optNhapExcel.value = True Then

wsImpName = "DL\_HH"

srcWsName = "DL\_HH"

firstColStr = "A"

lastColStr = "K"

firstRow = 2

CheckColDupli = "B" 'Phan biet boi Ma quan ly

' firstColSrc

'Import, da co dialog chon file import roi

ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, srcWsName, CheckColDupli, firstColSrc

End If

Case 1 'Nhap nha thau

If optNhapExcel.value = True Then

wsImpName = "DL\_NhaThau"

srcWsName = "DL\_NhaThau"

firstColStr = "A"

lastColStr = "M"

firstRow = 2

CheckColDupli = "C" 'Phan biet boi Ma so thue/DKKD

' firstColSrc

ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, srcWsName, CheckColDupli, firstColSrc 'Co dialog chon file import roi

End If

Case 2 'Nhap nhan vien, can bo

If optNhapExcel.value = True Then

wsImpName = "DL\_CB"

srcWsName = "DL\_CB"

firstColStr = "A"

lastColStr = "Q"

firstRow = 2

CheckColDupli = "A" 'Phan biet boi ID

firstColSrc = "A"

ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, srcWsName, CheckColDupli, firstColSrc 'Co dialog chon file import roi

ps\_DeleteAndReAsignRange shCanBo, "DLG\_CanBo", "A", 2, "Q" 'Danh sach can bo

lbDuLieuGoc.RowSource = "DLG\_CanBo"

lbDuLieuGoc.ListIndex = -1

End If

Case 3 'Nhap dinh muc du toan

If optNhapExcel.value = True Then

' wsImpName = "DL\_CB"

' srcWsName = "DL\_CB"

' firstColStr = "A"

' lastColStr = "N"

' firstRow = 2

' CheckColDupli = "A" 'Phan biet boi ID

' ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, srcWsName, CheckColDupli 'Co dialog chon file import roi

End If

End Select

End Sub

'------------BUTTON CLEAR ----------------------

Private Sub btnClear\_Click()

Select Case Me.mltDLG.value

Case 0 'Nhap hang hoa

On Error Resume Next

txtMaQL.text = ""

txtTenHang.text = ""

txtTenHangRU.text = ""

cbXuatXu.text = ""

txtMaCode.text = ""

txtDVT.text = ""

txtDonGia.text = ""

cbPhanNhom.text = ""

txtTSKT.text = ""

txtLinkSP.text = ""

Case 1 'Nhap nha thau

txtNT\_Ten.text = ""

txtNT\_DKKD.text = ""

txtDKKD\_NoiCap.text = ""

txtNT\_MST.text = ""

txtNT\_dc.text = ""

txtNT\_dt.text = ""

txtNT\_Fax.text = ""

txtNT\_tk.text = ""

txtNT\_DaiDien.text = ""

cbNT\_cv.text = ""

txtNT\_MaNH.text = ""

txtNT\_KyHieuHD.text = ""

Case 2 'Nhap can bo

lCB\_ID.Caption = ""

cbCB\_DauMoi.text = ""

cbCB\_DonVi.text = ""

txtCB\_Ten.text = ""

cbCB\_cv.text = ""

txtCB\_dc.text = ""

txtCB\_dt.text = ""

txtCB\_CCCD.text = ""

txtCB\_CCCD\_d.text = ""

txtCB\_CCCD\_nc.text = ""

txtCB\_CCDT.text = ""

txtCB\_CCDT\_d.text = ""

txtCB\_CCDT\_nc.text = ""

txtCB\_dc.text = ""

txtCB\_email.text = ""

Case 3 'Nhap dinh muc du toan

End Select

End Sub

'---------- btn Exit ----------------------

Private Sub btnexit\_Click()

Unload Me

End Sub

'============== BUTTON THEM DU LIEU GOC =============================

Private Sub btnThem\_Click()

Application.ScreenUpdating = False

Dim sh As Worksheet, lr As Long

lMsg.Caption = ""

Select Case Me.mltDLG.value

Case 0 'Nhap hang hoa

Set sh = shCSDL\_HH

lr = TimDongCuoiCuaSheet(sh, "B")

'Kiem tra ma trung, >= 1 de chac chan ko bi trung nhieu lan

If Application.WorksheetFunction.CountIf(sh.Range("B2:B" & lr), txtMaQL.text) >= 1 Then

lMsg.Caption = Telex("Duwx lieeju nhaajp bij trufng")

MsgBox "Ma hang hoa bi trung, moi nhap lai", vbCritical

Exit Sub

End If

If txtTenHang.text = "" Or cbXuatXu.text = "" Or txtMaCode.text = "" \_

Or txtDVT.text = "" Or txtDonGia.text = "" Or cbPhanNhom.text = "" Or txtTSKT.text = "" Then

lMsg.Caption = Telex("Chuwa nhaajp ddur duwx lieeju")

MsgBox "Chua nhap du truong du lieu, vui long kiem tra lai", vbCritical

Exit Sub

End If

ps\_ThemHangHoa sh, lr 'call

ps\_DeleteAndReAsignRange sh, "DLG\_HH", "A", 2, "K" 'tham so Range Name

lbDuLieuGoc.RowSource = "DLG\_HH"

lMsg.Caption = Telex("Theem duwx lieeju thafnh coong: ") & txtMaQL.text

Case 1 'Nhap nha thau

Set sh = shNhaThau

lr = TimDongCuoiCuaSheet(sh, "E") 'Cot E: Ma so thue

'Kiem tra trung ma txtNT\_DKKD, >= 1 de chac chan txtNT\_DKKD ko bi trung

If Application.WorksheetFunction.CountIf(sh.Range("C2:C" & lr), txtNT\_DKKD.text) >= 1 Then

lMsg.Caption = Telex("Duwx lieeju nhaajp bij trufng")

MsgBox "Du lieu nhap bi trung, moi nhap lai", vbCritical

Exit Sub

End If

If txtNT\_Ten.text = "" Or txtNT\_DKKD.text = "" Or txtDKKD\_NoiCap.text = "" \_

Or txtNT\_MST.text = "" Or txtNT\_dc.text = "" Or txtNT\_dt.text = "" Or txtNT\_tk.text = "" \_

Or txtNT\_DaiDien.text = "" Or cbNT\_cv.text = "" Then

lMsg.Caption = Telex("Chuwa nhaajp ddur duwx lieeju")

MsgBox "Chua nhap du du lieu, vui long kiem tra lai", vbCritical

Exit Sub

End If

ps\_ThemNhaThau sh, lr 'call

ps\_DeleteAndReAsignRange sh, "DLG\_NhaThau", "A", 2, "M" 'Cot M: Ký hieu hoa don

lbDuLieuGoc.RowSource = "DLG\_NhaThau"

lbDuLieuGoc.ListIndex = lbDuLieuGoc.ListCount - 1

lMsg.Caption = Telex("Theem duwx lieeju thafnh coong: ") & txtNT\_Ten.text

Case 2 'Nhap can bo

Dim IDmax As Long

Set sh = shCanBo

lr = TimDongCuoiCuaSheet(sh, "A") 'Cot A: ID

IDmax = Application.WorksheetFunction.max(Range("A2:A" & lr)) + 1 'Tim max cua ID de ko bi trung

'Kiem tra trung ma CCDT, >= 1 de chac chan CCDT ko bi trung

If Application.WorksheetFunction.CountIf(sh.Range("K2:K" & lr), txtCB\_CCDT.text) >= 1 Then

lMsg.Caption = Telex("Duwx lieeju nhaajp bij trufng")

MsgBox "Du lieu nhap bi trung, moi nhap lai", vbCritical

Exit Sub

End If

'Kiem tra du thong tin nhap vao

If txtCB\_Ten.text = "" Or cbCB\_cv.text = "" Or cbCB\_DauMoi.text = "" \_

Or txtCB\_CCDT.text = "" Or txtCB\_CCDT\_nc.text = "" Then

lMsg.Caption = Telex("Chuwa nhaajp ddur duwx lieeju")

MsgBox "Chua nhap du du lieu, vui long kiem tra lai"

Exit Sub

End If

ps\_ThemCanBo sh, IDmax 'call

ps\_DeleteAndReAsignRange sh, "DLG\_CanBo", "A", 2, "Q" 'Cot N: Don vi cong tac

lbDuLieuGoc.RowSource = "DLG\_CanBo"

lbDuLieuGoc.ListIndex = lbDuLieuGoc.ListCount - 1

lMsg.Caption = Telex("Theem duwx lieeju thafnh coong: ") & txtCB\_Ten.text

Case 3 'Nhap dinh muc du toan

End Select

Set sh = Nothing

Application.ScreenUpdating = True

End Sub

'============ BUTTON SUA HANG HOA ====================

Private Sub btnSua\_Click()

Dim sh As Worksheet, lr As Long, i As Long, rng As Range

Application.ScreenUpdating = False

lMsg.Caption = ""

Select Case mltDLG.value

Case 0

Set sh = shCSDL\_HH

lr = TimDongCuoiCuaSheet(sh, "B") 'last row

i = 0

For i = 2 To lr

If sh.Range("B" & i).value = txtMaQL.text Then

lbDuLieuGoc.ListIndex = -1 'Bat buoc phai them vao de tranh sai sot

sh.Range("C" & i).value = txtTenHang.text 'Ten tieng viet

sh.Range("D" & i).value = txtMaCode.text 'Ma code san pham

sh.Range("E" & i).value = txtTenHangRU.text 'Ten tieng Nga

sh.Range("F" & i).value = cbXuatXu.text 'Xuat xu

sh.Range("G" & i).value = txtTSKT.text 'TSKT

sh.Range("H" & i).value = txtDVT.text 'DVT

sh.Range("I" & i).value = txtDonGia.text 'Don gia

sh.Range("J" & i).value = cbPhanNhom.text 'Phan nhom

sh.Range("K" & i).value = txtLinkSP.text 'link tra cuu san pham

Debug.Print " + Edited row: " & i & ", Ma san pham: " & txtMaQL.text

Exit For

End If

Next i

ps\_DeleteAndReAsignRange sh, "DS\_HangHoaGoc", "A", 2, "K" 'tham so Range Name

lbDuLieuGoc.RowSource = "DS\_HangHoaGoc"

lbDuLieuGoc.ListIndex = i - 1 'Tra lai con tro trong listbox, tru index mac dinh 0 và dòng 1

lMsg.Caption = "Sua thanh cong: " & txtMaQL.text

Case 1

Set sh = shNhaThau

lr = TimDongCuoiCuaSheet(sh, "C") 'Cot C: so DKKD

i = 0

For i = 2 To lr

If sh.Range("B" & i).value = txtNT\_DKKD.text Then

lbDuLieuGoc.ListIndex = -1 'Bat buoc phai them vao de tranh sai sot

Set rng = sh.Range("A" & i)

With rng

.Offset(1, 1).value = txtNT\_DKKD.text 'DKKD

.Offset(1, 2).value = txtNT\_Ten.text 'Ten nha thau

.Offset(1, 3).value = txtDKKD\_NoiCap.text 'Noi cap DKKD

.Offset(1, 4).value = txtNT\_MST.text 'MST

.Offset(1, 5).value = txtNT\_dc.text 'Dia chi

.Offset(1, 6).value = txtNT\_dt.text 'Dien thoai

.Offset(1, 7).value = txtNT\_Fax.text 'Fax

.Offset(1, 8).value = txtNT\_tk.text 'Tai khoan

.Offset(1, 9).value = txtNT\_DaiDien.text 'Dai dien

.Offset(1, 10).value = cbNT\_cv.text 'Chuc vu

.Offset(1, 11).value = txtNT\_MaNH.text 'Ma ngan hang

.Offset(1, 12).value = txtNT\_KyHieuHD.text 'Ky hieu hoa don

End With

Debug.Print " + Edited row: " & i & " : " & txtNT\_Ten.text

Exit For

End If

Next i

ps\_DeleteAndReAsignRange sh, "DLG\_NhaThau", "A", 2, "M" 'tham so Range Name

lbDuLieuGoc.RowSource = "DLG\_NhaThau"

On Error Resume Next

lbDuLieuGoc.ListIndex = i - 1 'Tra lai con tro trong listbox, tru index mac dinh 0 và dòng 1

lMsg.Caption = "Sua thanh cong: " & txtNT\_Ten.text

Case 2

Set sh = shCanBo

lr = TimDongCuoiCuaSheet(sh, "A") 'Cot A: so ID

i = 0

For i = 2 To lr

If sh.Range("A" & i).value = lCB\_ID.Caption Then

lbDuLieuGoc.ListIndex = -1 'Bat buoc phai them vao de tranh sai sot

Set rng = sh.Range("A" & i)

With rng

.Offset(0, 1).value = cbCB\_DauMoi.text 'Don vi

.Offset(0, 2).value = cbCB\_DonVi.text 'Ten can bo

.Offset(0, 3).value = txtCB\_Ten.text 'Ten can bo

.Offset(0, 5).value = cbCB\_cv.text 'Chuc vu

.Offset(0, 6).value = txtCB\_dc.text 'Dia chi

.Offset(0, 7).value = txtCB\_CCCD.text 'CCCD

.Offset(0, 8).value = txtCB\_CCCD\_d.text 'CCCD ngay cap

.Offset(0, 9).value = txtCB\_CCCD\_nc.text 'CCCD noi cap

.Offset(0, 10).value = txtCB\_CCDT.text 'CCDT

.Offset(0, 11).value = txtCB\_CCDT\_nc.text 'Noi cap CCDT

.Offset(0, 12).value = txtCB\_CCDT\_d.text 'Ngay cap CCDT

.Offset(0, 14).value = txtCB\_dt.text 'So DT

.Offset(0, 15).value = txtCB\_email.text 'Email

End With

Debug.Print " + Edited row: " & i & " : " & txtNT\_Ten.text

Exit For

End If

Next i

lMsg.Caption = "Sua thanh cong: " & txtCB\_Ten.text

ps\_DeleteAndReAsignRange sh, "DLG\_CanBo", "A", 2, "Q" 'tham so Range Name

lbDuLieuGoc.RowSource = "DLG\_CanBo"

lbDuLieuGoc.ListIndex = i - 2 'Tra lai con tro trong listbox, tru index mac dinh 0 và dòng 1

End Select

Set rng = Nothing

Set sh = Nothing

Application.ScreenUpdating = True

End Sub

'Sub them hang hoa vao CSDL goc

Private Sub ps\_ThemHangHoa(wsheet As Worksheet, row As Long)

Dim rng As Range

Set rng = wsheet.Range("A" & row)

With Me

With rng

.Offset(1, 0).value = row 'STT

.Offset(1, 1).value = txtMaQL.text 'Ma quan ly

.Offset(1, 2).value = txtTenHang.text 'Ten tieng viet

.Offset(1, 3).value = txtMaCode.text 'Ma code san pham

.Offset(1, 4).value = txtTenHangRU.text 'Ten tieng Nga

.Offset(1, 5).value = cbXuatXu.text 'Xuat xu

.Offset(1, 6).value = txtTSKT.text 'TSKT

.Offset(1, 7).value = txtDVT.text 'DVT

.Offset(1, 8).value = txtDonGia.text 'Don gia

.Offset(1, 9).value = cbPhanNhom.text 'Phan nhom

.Offset(1, 10).value = txtLinkSP.text 'link tra cuu

End With

End With

End Sub

'Sub them nha thau vao CSDL goc

Private Sub ps\_ThemCanBo(wsheet As Worksheet, row As Long)

Dim rng As Range, lr As Long

lr = TimDongCuoiCuaSheet(wsheet, "A")

Set rng = wsheet.Range("A" & lr)

With rng

.Offset(1, 0).value = row 'ID

.Offset(1, 1).value = cbCB\_DauMoi.text 'Don vi

.Offset(1, 2).value = cbCB\_DonVi.text 'Ten can bo

.Offset(1, 3).value = txtCB\_Ten.text 'Ten can bo

.Offset(1, 5).value = cbCB\_cv.text 'Chuc vu

.Offset(1, 6).value = txtCB\_dc.text 'Dia chi

.Offset(1, 7).value = txtCB\_CCCD.text 'CCCD

.Offset(1, 8).value = txtCB\_CCCD\_d.text 'CCCD ngay cap

.Offset(1, 9).value = txtCB\_CCCD\_nc.text 'CCCD noi cap

.Offset(1, 10).value = txtCB\_CCDT.text 'CCDT

.Offset(1, 11).value = txtCB\_CCDT\_nc.text 'Noi cap CCDT

.Offset(1, 12).value = txtCB\_CCDT\_d.text 'Ngay cap CCDT

.Offset(1, 14).value = txtCB\_dt.text 'So DT

.Offset(1, 15).value = txtCB\_email.text 'Email

End With

End Sub

'Them nhan vien vao CSDL goc

Private Sub ps\_ThemNhaThau(wsheet As Worksheet, row As Long)

Dim rng As Range

Set rng = wsheet.Range("A" & row)

With rng

.Offset(1, 0).value = row 'STT

.Offset(1, 1).value = txtNT\_DKKD.text 'DKKD

.Offset(1, 2).value = txtNT\_Ten.text 'Ten nha thau

.Offset(1, 3).value = txtDKKD\_NoiCap.text 'Noi cap DKKD

.Offset(1, 4).value = txtNT\_MST.text 'MST

.Offset(1, 5).value = txtNT\_dc.text 'Dia chi

.Offset(1, 6).value = txtNT\_dt.text 'Dien thoai

.Offset(1, 7).value = txtNT\_Fax.text 'Fax

.Offset(1, 8).value = txtNT\_tk.text 'Tai khoan

.Offset(1, 9).value = txtNT\_DaiDien.text 'Dai dien

.Offset(1, 10).value = cbNT\_cv.text 'Chuc vu

.Offset(1, 11).value = txtNT\_MaNH.text 'Ma ngan hang

.Offset(1, 12).value = txtNT\_KyHieuHD.text 'Ky hieu hoa don

End With

End Sub

'=============BUTTON XOA DU LIEU GOC=======================

Private Sub btnXoa\_Click()

Dim sh As Worksheet, lr As Long, i As Long, j As Long

lMsg.Caption = ""

Application.ScreenUpdating = False

Select Case mltDLG.value

Case 0 'Xoa hang hoa

Set sh = shCSDL\_HH

i = 0

For i = 2 To TimDongCuoiCuaSheet(shTonKho, "B") 'Kiem tra ma hang co trong sheet Ton kho khong

If shTonKho.Cells(i, 3).value = txtMaQL.text Then

MsgBox "Khong the xoa ma hang nay, vi da co trong ton kho!"

Exit Sub

End If

Next i

j = 0

For j = 2 To TimDongCuoiCuaSheet(shCSDL\_HH, "B")

If sh.Cells(j, 2).value = txtMaQL.text Then

sh.Rows(j).Delete Shift:=xlUp

ps\_DeleteAndReAsignRange sh, "DS\_HangHoaGoc", "A", 2, "K" 'tham so Range Name

lbDuLieuGoc.RowSource = "DS\_HangHoaGoc"

lbDuLieuGoc.ListIndex = j - 2

Exit For

End If

Next j

Case 1 'Xoa nha thau

Set sh = shNhaThau

j = 0

For j = 2 To TimDongCuoiCuaSheet(sh, "B") 'Cot B: Ma dang ky kinh doanh

If sh.Range("B" & j).value = txtNT\_DKKD.text Then

sh.Rows(j).Delete Shift:=xlUp

ps\_DeleteAndReAsignRange sh, "DS\_NhaThau", "A", 2, "M" 'tham so Range Name

lbDuLieuGoc.RowSource = "DS\_NhaThau"

lbDuLieuGoc.ListIndex = j - 2

Exit For

End If

Next j

Case 2 'Xoa can bo

Set sh = shCanBo

j = 0

For j = 2 To TimDongCuoiCuaSheet(sh, "A") 'Cot C: Ma chung chi dau thau

If sh.Range("I" & j).value = txtCB\_CCDT.text Then

sh.Rows(j).Delete Shift:=xlUp

ps\_DeleteAndReAsignRange sh, "DLG\_CanBo", "A", 2, "Q" 'tham so Range Name

lbDuLieuGoc.RowSource = "DLG\_CanBo"

lbDuLieuGoc.ListIndex = j - 2

Exit For

End If

Next j

Case 3 'Xoa cai dat dinh muc

End Select

lMsg.Caption = Telex("Xosa duwx lieeju thafnh coong!")

Set sh = Nothing

Application.ScreenUpdating = True

End Sub

'--------Lay du lieu khi click vao bang so lieu ben duoi------

Private Sub lbDuLieuGoc\_Click()

Select Case mltDLG.value

Case 0 'Hang hoa

With Me

.lbDuLieuGoc.RowSource = "DLG\_HH"

.txtMaQL.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 1)

.txtTenHang.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 2)

.txtMaCode.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 3)

.txtTenHangRU.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 4)

.cbXuatXu.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 5)

.txtTSKT.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 6)

.txtDVT.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 7)

.txtDonGia.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 8)

.cbPhanNhom.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 9)

.txtLinkSP.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 10)

End With

Case 1 'Page Nha thau

With Me

.lbDuLieuGoc.RowSource = "DLG\_NhaThau"

.txtNT\_DKKD.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 1)

.txtNT\_Ten.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 2)

.txtDKKD\_NoiCap.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 3)

.txtNT\_MST.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 4)

.txtNT\_dc.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 5)

.txtNT\_dt.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 6)

.txtNT\_Fax.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 7)

.txtNT\_tk.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 8)

.txtNT\_DaiDien.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 9)

.cbNT\_cv.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 10)

.txtNT\_MaNH.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 11)

.txtNT\_KyHieuHD.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 12)

End With

Case 2 'Can bo

With Me

.lbDuLieuGoc.RowSource = "DLG\_CanBo"

' On Error exit Sub

.lCB\_ID.Caption = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 0)

.cbCB\_DauMoi.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 1)

.cbCB\_DonVi.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 2)

.txtCB\_Ten.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 3)

'So 4 de danh

.cbCB\_cv.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 5)

.txtCB\_dc.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 6)

.txtCB\_CCCD.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 7)

.txtCB\_CCCD\_d.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 8)

On Error Resume Next

.txtCB\_CCCD\_d.text = CDate(.txtCB\_CCCD\_d.text)

.txtCB\_CCCD\_nc.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 9)

.txtCB\_CCDT.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 10)

.txtCB\_CCDT\_d.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 12)

On Error Resume Next

.txtCB\_CCDT\_d.text = CDate(.txtCB\_CCDT\_d.text)

.txtCB\_CCDT\_nc.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 11)

.txtCB\_dt.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 14)

.txtCB\_email.text = .lbDuLieuGoc.List(.lbDuLieuGoc.ListIndex, 15)

End With

Case 3

End Select

End Sub

# Module tra cứu

'===== KHOI CHAY GUI=========

Private Sub UserForm\_Initialize()

cbTypeSearch.Clear

Me.cbTypeSearch.AddItem Telex("Nhaf cung caasp")

Me.cbTypeSearch.AddItem Telex("Casn booj")

Me.cbTypeSearch.AddItem Telex("Hafng hosa")

End Sub

'Mo GUI du lieu goc de them data

Private Sub btnThem\_Click()

Select Case cbTypeSearch.text

Case Telex("Hafng hosa")

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 0

Case Telex("Nhaf cung caasp")

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 1

Case Telex("Casn booj")

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 2

End Select

End Sub

Private Sub CommandButton1\_Click()

Unload fDT\_TraCuu

End Sub

'Double click, su dung nhieu

Private Sub lbTraCuu\_DblClick(ByVal Cancel As MSForms.ReturnBoolean)

Dim selectedValue As String

If IsUserFormOpen("fDT\_DauThau") = True Then

Select Case fDT\_DauThau.mltDauThau.value

Case 0

If fDT\_TraCuu.lbTraCuu.ListIndex <> -1 Then

selectedValue = fDT\_TraCuu.lbTraCuu.List(fDT\_TraCuu.lbTraCuu.ListIndex, 3) 'Lay gia tri o cot 4: ten can bo

fDT\_DauThau.cbCNNV.value = selectedValue

End If

Case 5

If fDT\_TraCuu.lbTraCuu.ListIndex <> -1 Then

selectedValue = fDT\_TraCuu.lbTraCuu.List(fDT\_TraCuu.lbTraCuu.ListIndex, 2) 'Lay gia tri o cot 3: ten nha thau

fDT\_DauThau.cbNhaThau.value = selectedValue

End If

End Select

ElseIf IsUserFormOpen("fDT\_DuToan") = True Then

If fDT\_TraCuu.lbTraCuu.ListIndex <> -1 Then

selectedValue = fDT\_TraCuu.lbTraCuu.List(fDT\_TraCuu.lbTraCuu.ListIndex, 3) 'Lay gia tri o cot 4: ten can bo

fDT\_DuToan.cbSetTVien.value = selectedValue

End If

End If

End Sub

'================ PAGE 5: TRA CUU ============

'btn Tim kiem

Private Sub cbTypeSearch\_change()

Select Case cbTypeSearch.text

Case Telex("Hafng hosa")

lbTraCuu.RowSource = "DLG\_HH"

fDT\_DLG.mltDLG.value = 0

Case Telex("Nhaf cung caasp")

lbTraCuu.RowSource = "DLG\_NhaThau"

fDT\_DLG.mltDLG.value = 1

Case Telex("Casn booj")

lbTraCuu.RowSource = "DLG\_CanBo"

fDT\_DLG.mltDLG.value = 2

End Select

End Sub

'Khi type noi dung can tim vao textbox

'Thuc hien sau

Private Sub cbTimKiem\_Change()

Dim rw As Range, lr As Long, ws As Worksheet

Dim strSearch As String

strSearch = LCase(cbTimKiem.text)

Select Case cbTypeSearch.value

Case Telex("Hafng hosa") 'Tra du lieu hang hoa theo ten hang hoa

Set ws = shCSDL\_HH

lr = TimDongCuoiCuaSheet(ws, "C")

For Each rw In ws.Range("C2:C" & lr)

If InStr(LCase(ws.Cells(rw.row, 3)), strSearch) Then

On Error Resume Next

lbTraCuu.ListIndex = rw.row - 2

End If

Next rw

If strSearch = "" Then lbTraCuu.ListIndex = -1 'Giau con tro di

Case Telex("Nhaf cung caasp") 'Tra du lieu nha thau theo Ten nha thau

Set ws = shNhaThau

lr = TimDongCuoiCuaSheet(ws, "C")

For Each rw In ws.Range("C2:C" & lr)

If InStr(LCase(ws.Cells(rw.row, 3)), strSearch) Then

On Error Resume Next

lbTraCuu.ListIndex = rw.row - 2

End If

Next rw

If strSearch = "" Then lbTraCuu.ListIndex = -1 'Giau con tro di

Case Telex("Casn booj") 'Tra du lieu can bo theo Ten can bo

Set ws = shCanBo

lr = TimDongCuoiCuaSheet(ws, "D")

For Each rw In ws.Range("D2:D" & lr)

If InStr(LCase(ws.Cells(rw.row, 4)), strSearch) Then

On Error Resume Next

lbTraCuu.ListIndex = rw.row - 2

End If

Next rw

If strSearch = "" Then lbTraCuu.ListIndex = -1 'Giau con tro di

End Select

Set ws = Nothing

End Sub

'

'Private Sub UserForm\_QueryClose(Cancel As Integer, CloseMode As Integer)

' fDT\_DauThau.Show

'End Sub

'======== Check if userform openned =======

Private Function IsUserFormOpen(UserFormName As String) As Boolean

Dim frm As Object

For Each frm In VBA.UserForms

If TypeName(frm) = UserFormName Then

IsUserFormOpen = True

Exit Function

End If

Next frm

IsUserFormOpen = False

End Function

# Tính năng khác

## Cập nhật

Mã code:

' It requires the "Microsoft XML, v6.0" reference to be added to your VBA project.

'==========| SETTING FOR UPDATE MODULE |=================

Const VersionControlFile As String = "F:\DV\11. Dau\_Thau\15. PhanMemDauThau\Mod\_Update\VersionControl.txt" 'File kiem soat phien ban de update

Const cfgUpdatePath As String = "F:\DV\11. Dau\_Thau\15. PhanMemDauThau\Mod\_Update" 'Duong dan module update

Const cfgSavePath As String = "C:\Users\Lenovo\My Drive\11. Dau\_Thau\15. PhanMemDauThau\Processing\unikey43RC5-200929-win64.zip" '

Const cfgZipFilePath As String = "C:\PhanMemDauThau\CapNhatFile\ZippedFile\testfile.zip" ' Duong dan file zip

Const cfgUnzipFolderPath As String = "C:\PhanMemDauThau\CapNhatFile\UnZippedFile" ' Duong dan unzip

Const cfgUrl As String = "https://www.unikey.org/assets/release/unikey43RC5-200929-win64.zip" ' Url tai file

Const cfgPassword As String = "12345678" ' Set the password for the ZIP file

Const cfgZipExePath As String = "C:\Program Files\7-Zip\7z.exe" 'Set the path to the folder where you want to extract the files

'===========| Cach 1: Tai file update tu url share va giai nen |=============

Sub DownloadUrlAndUnzip()

ps\_DownloadZipFileViaURL 'call private sub below

ps\_UnzipFileWithPassword 'call private sub below

End Sub

'Tai file ve tu mot url dich vu share

Private Sub ps\_DownloadZipFileViaURL() ' Code nay da chay

Dim savePath As String, xmlhttp As Object, oStream As Object

On Error GoTo ErrorHandler

Set xmlhttp = CreateObject("MSXML2.XMLHTTP") ' Create an XMLHTTP object

' Send a request to the specified URL

xmlhttp.Open "GET", cfgUrl, False

xmlhttp.send

' Check if the request was successful

If xmlhttp.Status = 200 Then

Set oStream = CreateObject("ADODB.Stream") ' Create a stream object to write the downloaded data to a file

oStream.Open

oStream.Type = 1 ' Binary

oStream.Write xmlhttp.responseBody ' Write the downloaded data to the stream

' Save the stream to the specified file path

oStream.SaveToFile cfgSavePath, 2 ' Overwrite existing file

oStream.Close ' Clean up

Set oStream = Nothing

MsgBox "Download completed successfully."

Else

MsgBox "Error occurred while downloading the file. Status Code: " & xmlhttp.Status

End If

xmlhttp.abort ' Clean up

Set xmlhttp = Nothing

Exit Sub

ErrorHandler:

MsgBox "Error occurred: " & Err.Description

End Sub

'Giai nen file da tai ve

Private Sub ps\_UnzipFileWithPassword() 'code da chay

' Construct the unzip command

unzipCommand = """" & cfgZipExePath & """ x """ & cfgZipFilePath & """ -o""" & cfgUnzipFolderPath & """ -p" & cfgPassword

Shell unzipCommand, vbHide ' Run the unzip command

MsgBox "File extracted successfully." & vbNewLine & cfgUnzipFolderPath

End Sub

'=============| Cach 2: Cap nhat tu GG drive duoc cai san tren may |=============

' Nguyen lý: Check version >> Doi ten file cu, Copy file moi, Doi ten file moi, Tao shorcut, Doi Icon\_

' Tao file .bat > chay file .bat de restart phan mem

' Note: Phai giu lai du lieu nguoi dung, it nhat la backup du lieu cua ho

' Cho phép nhap lai du lieu da backup va xoa du lieu trung, co the xuat ra file excel de so sanh du lieu nao can xoa, can giu lai

'Chay file .bat de start phan mem

Sub ReStartPMDauThau()

Dim batFilePath As String

batFilePath = cfgUpdatePath & "\" & "AutoStart.bat"

Shell "CMD.EXE /C """ & batFilePath & """", vbNormalFocus

' ThisWorkbook.Close True

End Sub

Private Sub f\_ShellExe(batFilePath As String)

Shell "CMD.EXE /C """ & batFilePath & """", vbNormalFocus

End Sub

Private Sub f\_CreateBatFile(batFilePath As String, TargetExcelFile As String)

Dim iFileNum As Long

iFileNum = FreeFile

Open batFilePath For Output As #iFileNum

Print #iFileNum, "@Echo off"

Print #iFileNum, "timeout 2" 'Delay 0.5s

Print #iFileNum, Replace("START /I ~Exel.exe~ ~" & TargetExcelFile & "~", "~", Chr(34), 1)

Close #iFileNum

End Sub

'Phai cai dat Microsoft Scripting runtime

'Check if there is a update

Sub checkForUpdate()

Dim fo As FileSystemObject, VersionFile As Object, IsUpdatesAvailable As Boolean

Dim lc\_datetime As Date, svr\_datetime As Date, srv\_file As String

Dim VersionRead As String, VersionReadUnwind As Variant

Dim CurrentVersionStr As Single, LastedVersionStr As Single, CurrentVersionPath As String 'Single: So thap phan

Dim response As String, BackupVerName As String

'Doc file txt va trich du lieu ra

Set fo = CreateObject("Scripting.fileSystemObject")

Set VersionFile = fo.opentextfile(VersionControlFile, 1)

lc\_datetime = shConfig.Range("AppBuiltTime") 'Lay thoi gian hien tai

If Not VersionFile.atendofstream Then

VersionRead = VersionFile.readline

VersionReadUnwind = Split(VersionRead, "|")

svr\_datetime = VersionReadUnwind(0) 'Tach phan thoi gian

srv\_file = VersionReadUnwind(1) 'Tach phan ten phien ban full path

CurrentVersionStr = Right(shConfig.Range("B7").value, 3) 'So phien ban PM hien tai

LastedVersionStr = Mid(srv\_file, Len(srv\_file) - 7, 3) 'So phien ban PM gan nhat

If svr\_datetime > lc\_datetime And LastedVersionStr > CurrentVersionStr Then IsUpdatesAvailable = True

End If

VersionFile.Close

Set VersionFile = Nothing

Set fo = Nothing

'If Yes, prompt to update

CurrentVersionPath = ThisWorkbook.Path

If IsUpdatesAvailable = True Then

response = MsgBox("Da co phien ban moi can tai ve." & vbNewLine & \_

"Ban co muon cap nhat ngay khong?", vbQuestion + vbYesNo, "Cap nhat phan mem")

If response = vbYes Then

'create .bat file to start file, 'trigger >> Can doi lai ten file PhanMem co them duoi theo phien ban

If FileExists(srv\_file) Then

'Tao file .bat de tu chay ban cap nhat

f\_CreateBatFile cfgUpdatePath & "\AutoStart.bat", cfgUpdatePath & "\" & FileName(srv\_file)

'Backup phan mem ban cu, luu theo thoi gian thao tac

BackupVerName = "PhanMemDauThau\_" & Format(Now, "yymmdd-hhmmss") & ".xlsm"

Workbooks("PhanMemDauThau.xlsm").SaveAs CurrentVersionPath & "\Backup\_PhanMemDauThau\" & BackupVerName

'Xoa file phan mem cu

If FileExists(CurrentVersionPath & "\PhanMemDauThau.xls") Then Kill CurrentVersionPath & "\PhanMemDauThau.xls"

'Luu de len ten phan mem cu

Application.DisplayAlerts = False

Dim wb As Workbook

Set wb = Workbooks.Open(srv\_file)

Workbooks(FileName(srv\_file)).SaveAs CurrentVersionPath & "\" & "PhanMemDauThau.xlsm"

Application.DisplayAlerts = True

'Chay Autostart.bat bang lenh cmd trong window, de mo phan mem cap nhat

' Shell "CMD.EXE /C """ & cfgUpdatePath & "\" & "AutoStart.bat" & """", vbNormalFocus

'Tao short cut

'Doi icon

'Close backup version

Workbooks(BackupVerName).Close

End If

End If

End If

'Xoa file AutoStart.bat

If FileExists(cfgUpdatePath & "\AutoStart.bat") Then Kill cfgUpdatePath & "\AutoStart.bat"

End Sub

'=============| Cach 3: Lay folder tu PC/ LAN |==================================

'=============| Ham dung chung |============================================

'more VBA @ https://www.youtube.com/vbaa2z

Private Function FileExists(ByVal strFile As String, Optional bFindFolders As Boolean) As Boolean

Dim lngAttributes As Long

lngAttributes = (vbReadOnly Or vbHidden Or vbSystem)

If bFindFolders Then

lngAttributes = (lngAttributes Or vbDirectory)

Else

Do While Right$(strFile, 1) = "\"

strFile = Left$(strFile, Len(strFile) - 1)

Loop

End If

On Error Resume Next

FileExists = (Len(Dir(strFile, lngAttributes)) > 0)

End Function

Private Function FolderExists(sFile As Variant) As Boolean

On Error Resume Next

If Len(sFile) > 0 Then FolderExists = (Len(Dir$(sFile, vbDirectory)) > 0&)

End Function

Private Function FileName(strPath As String) As String

FileName = Mid$(strPath, InStrRev(strPath, "\") + 1)

End Function

Private Function FileNameNoExt(strPath As String)

FileNameNoExt = Split(Mid(strPath, InStrRev(strPath, "\") + 1), ".")(0)

End Function

Private Function FilePath(strPath As String) As String

FilePath = Left(strPath, InStrRev(strPath, "\"))

End Function

Private Function TrailingSlash(varIn As Variant) As String

If Len(varIn) > 0& Then

If Right(varIn, 1&) = "\" Then

TrailingSlash = varIn

Else

TrailingSlash = varIn & "\"

End If

End If

End Function

Private Function WorksheetExists(shtName As String, Optional wb As Workbook) As Boolean

Dim sht As Worksheet

If wb Is Nothing Then Set wb = ThisWorkbook

On Error Resume Next

Set sht = wb.Sheets(shtName)

On Error GoTo 0

WorksheetExists = Not sht Is Nothing

End Function

Private Function ListFiles(strPath As String)

Dim strFile

strFile = Dir(strPath)

Do While strFile <> ""

Debug.Print strPath & strFile

strFile = Dir

Loop

End Function

Private Function IsWbOpen(x As String) As Boolean

'can handler addin too;

Dim w As Workbook

IsWbOpen = False

On Error GoTo ErrHndler

Set w = Workbooks(x)

IsWbOpen = True

Set w = Nothing

Exit Function

ErrHndler:

IsWbOpen = False

End Function

Private Function IsWbOpenByLOOP(wbName As String) As Boolean

Dim i As Long

For i = Workbooks.Count To 1 Step -1

If Workbooks(i).Name = wbName Then Exit For

Next

If i <> 0 Then IsWbOpenByLOOP = True

End Function

Private Function closewb(x As String) As Boolean

Dim w As Workbook

closewb = False

On Error GoTo ErrHndler

Set w = Workbooks(x)

w.Close False

closewb = True

Set w = Nothing

Exit Function

ErrHndler:

closewb = False

End Function

## Backup cơ sở dữ liệu

## Công cụ khác

'BangHangHoaUpGia:

'ChuyenVanBanTuExcel

'DichIVD

'NhanTTBYT

'DieuHuong

'pRangeName

'separatingLOA

'ChuanBiHSDT

'HamDungChung

'TaoDataThamDuThau

'ThuBaoLanh

'WorkingWithFolder

'WorkingWithFile

'workingWithRange

'Ngay\_Tien\_Text

'filterYellowCell

'ChuanBiTaiLieuKyThuat

'ChuanBiHoSoCongBo

'BangHangHoaUpGia

'Module\_Debug

'a\_Menu\_Of\_Modules

'Dung de loc ra nhung dong Boi mau vang va Copy sang sheet shPasted

'Ap dung doi voi file excel Bieu mau moi thau tai tu Mang ÐTQG

Sub LocDuLieuBoiVang()

Debug.Print "- Start Loc du lieu boi vang va copy sang sheet moi:"

' Prompt the user to enter the first row number >> Su dung trong truong hop can dat first row

On Error Resume Next

FirstTableRow = InputBox("Moi nhap dong dau tien chua du lieu cua cot A:", "First Row")

' Validate the input and exit if it's not a valid number

If Not IsNumeric(FirstTableRow) Then

MsgBox "Du lieu nhap khong dung dinh dang, moi nhap lai bang SO:", vbCritical

Exit Sub

End If

'Call subroutine ben duoi

Dim wsName As String, FilteredWsName As String

wsName = ActiveWorkbook.ActiveSheet.Name

FilteredWsName = "HangHoa\_DuThau"

ps\_LocDuLieuBoiVang FilteredWsName, CInt(FirstTableRow) 'Call subroutine

ps\_HideAllSheetsExceptCurrentSheet wsName, FilteredWsName 'Call subroutine

End Sub

'subroutine: loc du lieu boi vang va copy dong da loc sang sheet moi

Private Sub ps\_LocDuLieuBoiVang(sheetName As String, FirstTableRow As Long)

Dim wb As Workbook, shActive As Worksheet, ws As Worksheet

Dim lastRow As Long

Dim sheetExists As Boolean

Set shActive = ActiveSheet

Set wb = shActive.Parent

Debug.Print " + Current workbook: " & wb.Name

lastRow = TimDongCuoiCung("A") 'Find the last row in column A of the active sheet

' Check if the sheet already exists

sheetExists = False

For Each ws In wb.Worksheets

If ws.Name = sheetName Then

sheetExists = True

Exit For

End If

Next ws

' If the sheet exists, then delete it

If sheetExists = True Then

Application.DisplayAlerts = False ' To suppress the confirmation dialog

wb.Worksheets(sheetName).Delete

Application.DisplayAlerts = True

End If

' Add a worksheet named as sheetName

wb.Worksheets.Add(After:=wb.Worksheets(wb.Worksheets.Count)).Name = sheetName

shActive.Select

Application.ScreenUpdating = False

shActive.Rows(FirstTableRow - 1).Copy Destination:=Sheets(sheetName).Rows(FirstTableRow - 1)

' Loop through each row from the specified first row to the last row in column A

Dim i As Long

For i = FirstTableRow To lastRow

' Check if the cell in column A is filled with yellow color

If shActive.Cells(i, "A").Interior.Color = RGB(255, 255, 0) Then

' Copy the row to the sheet and keep the width of the cells

shActive.Rows(i).Copy

Sheets(sheetName).Rows(Sheets(sheetName).Cells(Sheets(sheetName).Rows.Count, "A").End(xlUp).row + 1).PasteSpecial xlPasteColumnWidths

Sheets(sheetName).Rows(Sheets(sheetName).Cells(Sheets(sheetName).Rows.Count, "A").End(xlUp).row + 1).PasteSpecial xlPasteValuesAndNumberFormats

Application.CutCopyMode = False ' Clear the clipboard

End If

Next i

Sheets(sheetName).Tab.Color = 5287936 'green tab

Application.ScreenUpdating = True

Sheets(sheetName).Activate

Debug.Print " + Filtered yellow row filling successfully!"

End Sub

'========================================

'Tim dong cuoi cung trong mot sheet bat ky

Function TimDongCuoiCuaSheet(Lookedsheet As Worksheet, LookedColumn As String) As Long

On Error Resume Next

TimDongCuoiCuaSheet = Lookedsheet.Cells(Lookedsheet.Rows.Count, LookedColumn).End(xlUp).row

End Function

'Di kem voi Sub loc du lieu boi vang

Sub ps\_HideAllSheetsExceptCurrentSheet(currentWsStr As String, FilteredWs)

Dim ws As Worksheet

For Each ws In Worksheets ' Loop through all sheets in the workbook

' Check if the sheet is not named "DanhMuc\_HangHoa"

If ws.Name <> currentWsStr And ws.Name <> FilteredWs Then

' Hide the sheet

ws.Visible = xlSheetHidden

Debug.Print " + Hiden worksheet: " & ws.Name

End If

Next ws

End Sub

'Test da chay ok: Check file da mo chua, co doi so la duong dan file va ten file

Sub ps\_CheckFileExcelOpen(sourceFilePath As String, FileName As String)

Dim excelApp As Object, wb As Object, isExcelOpen As Boolean

' Check if Excel (application) is already open

On Error Resume Next

Set excelApp = GetObject(, "Excel.Application")

On Error GoTo 0

If excelApp Is Nothing Then

Set excelApp = CreateObject("Excel.Application") ' If Excel is not open, create a new instance

Else

isExcelOpen = True ' If Excel is open, set the flag

' Debug.Print "App MS Excel already openned"

End If

' Try to get the Workbook if it's open

On Error Resume Next

Set wb = excelApp.Workbooks(FileName)

' Debug.Print "FileName was assigned: " & fileName

On Error GoTo 0

' If the workbook is not open, open it

If wb Is Nothing Then

On Error GoTo ThongBao

sourceFilePath = sourceFilePath & "\" & FileName ' Define the path to the Excel file

Set wb = excelApp.Workbooks.Open(sourceFilePath)

Debug.Print "Open file successfully: " & FileName

Exit Sub

Else

' Debug.Print "File already openned: " & fileName

Exit Sub

End If

ThongBao:

Debug.Print " + Ten file co the khong ton tai"

MsgBox "Ten file co the khong ton tai, vui long kiem tra lai", vbExclamation

End Sub

'===================== GROUP TEXT, MONEY AND DATE ============================

' Ham VNdong() doc so tien trong cell thanh chu

' Ham SoTienBangChu() doc so tien voi doi so la string thanh chu

' Ham NgayVN() doc ngay trong cell thanh chu

'Ham so VNdong() doc so tien VND thanh chu, doi so la range

' Note: VNdong la ham so cua mot Range, khong phai mot String

Public Function VNdong(FirstArg As Object)

Dim chu, aaa, bbb, so3

chu = Abs(FirstArg.value)

chu = Format(chu, "0.00")

If chu > 10 ^ 99 Then

VNdong = FirstArg.value

Exit Function

End If

aaa = Left(chu, Len(chu) - 3)

bbb = Right(chu, 2)

so3 = dich(CStr(aaa)) & "ñoàng" & IIf(Val(bbb) <> 0, " " & dich(CStr(bbb)) & "xu.", ")")

so3 = Replace(so3, ", tyû", " tyû") '\* Lam cho dep

so3 = Replace(so3, ", ñoàng", " ñoàng")

so3 = Chr(Asc(Left(so3, 1)) - 32) + Mid(so3, 2) ' Viet hoa chu dau tien

so3 = "(B" + ChrW(7857) + "ng ch" + ChrW(7919) + ": " & so3

If FirstArg.value < 0 Then so3 = "(AÂm) " & so3

' Ham convert f\_vni2u trong Module "ConvertText"

VNdong = f\_vni2u(CStr(so3))

End Function

' Ham SoTienBangChu co the doc String

Public Function f\_SoTienBangChu(FirstArg As String)

Dim chu, aaa, bbb, so3

chu = FirstArg

chu = Format(chu, "0.00")

If chu > 10 ^ 99 Then

f\_SoTienBangChu = FirstArg

Exit Function

End If

aaa = Left(chu, Len(chu) - 3)

bbb = Right(chu, 2)

so3 = dich(CStr(aaa)) & "ñoàng" & IIf(Val(bbb) <> 0, " " & dich(CStr(bbb)) & "xu.", ")")

so3 = Replace(so3, ", tyû", " tyû") '\* Lam cho dep

so3 = Replace(so3, ", ñoàng", " ñoàng")

so3 = Chr(Asc(Left(so3, 1)) - 32) + Mid(so3, 2) ' Viet hoa chu dau tien

so3 = "(B" + ChrW(7857) + "ng ch" + ChrW(7919) + ": " & so3

If FirstArg < 0 Then so3 = "(AÂm) " & so3

' Ham convert f\_vni2u trong Module "ConvertText"

f\_SoTienBangChu = f\_vni2u(CStr(so3))

End Function

Private Function dich(yy As String)

Dim MM, docso, kkdai

kkdai = Len(yy)

If Len(yy) < 10 Then

docso = ""

For MM = 1 To Len(yy)

docso = docso & Mid(yy, MM, 1) & Chr(65 + Len(yy) - MM)

Next

Else

docso = dich(Left(yy, kkdai - 9)) & "t" & ChrW(7927) & ", " & dich(Right(yy, 9))

dich = docso

Exit Function

End If

docso = Replace(docso, "A", "donvi")

docso = Replace(docso, "B", "möôi ")

docso = Replace(docso, "C", "traêm ")

docso = Replace(docso, "D", "ngaøn, ")

docso = Replace(docso, "E", "möôi ")

docso = Replace(docso, "F", "traêm ")

docso = Replace(docso, "G", "trieäu, ")

docso = Replace(docso, "H", "möôi ")

docso = Replace(docso, "I", "traêm ")

docso = Replace(docso, "0", "khoâng ")

docso = Replace(docso, "1", "moät ")

docso = Replace(docso, "2", "hai ")

docso = Replace(docso, "3", "ba ")

docso = Replace(docso, "4", "boán ")

docso = Replace(docso, "5", "naêm ")

docso = Replace(docso, "6", "saùu ")

docso = Replace(docso, "7", "baûy ")

docso = Replace(docso, "8", "taùm ")

docso = Replace(docso, "9", "chín ")

docso = Replace(docso, "khoâng möôi", "leû") '\* Buoc hoan chinh

docso = Replace(docso, "möôi khoâng", "möôi")

docso = Replace(docso, "khoâng traêm leû khoâng ", "khoâng ")

docso = Replace(docso, "traêm leû khoâng", "traêm")

docso = Replace(docso, "möôi naêm", "möôi laêm")

docso = Replace(docso, "moät möôi", "möôøi")

docso = Replace(docso, "möôi moät", "möôi moát")

docso = Replace(docso, " khoâng donvi", " donvi")

docso = Replace(docso, "khoâng ngaøn, donvi", "donvi")

docso = Replace(docso, "khoâng trieäu, donvi", "donvi")

docso = Replace(docso, "donvi", "")

dich = docso

End Function

'Ham so NgayVN() doi ngay dang so thanh chu tieng Viet

'Doi so la Range

Public Function NgayVN(DateCell As Range) As String

Dim Ngay As String, Thang As String, Nam As String

Ngay = Day(DateCell)

Thang = Month(DateCell)

Nam = Year(DateCell)

If Ngay < 10 Then Ngay = "0" & Ngay

If Thang < 3 Then Thang = "0" & Thang

NgayVN = "ngày " & Ngay & Telex(" thasng ") & Thang & Telex(" nawm ") & Nam

End Function

Public Function NgayVNString(DateCell As String) As String

Dim Ngay As String, Thang As String, Nam As String

On Error Resume Next

Ngay = Day(CDate(DateCell))

Thang = Month(CDate(DateCell))

Nam = Year(CDate(DateCell))

If Len(Ngay) = 1 Then Ngay = "0" & Ngay

If Len(Thang) = 1 Then Thang = "0" & Thang

NgayVNString = "ngày " & Ngay & Telex(" thasng ") & Thang & Telex(" nawm ") & Nam

End Function

'---------Menu------------

' Ham Telex() chuyen sang chu tieng viet

' Ham f\_TiengVietKhongDau chuyen tieng viet co dau thanh ko dau

Public Function Telex(text As String) As String

'--------------Cach su dung-----------------------------

' Ham chuyen chu danh kieu Telex thanh tieng Viet co dau >> da test ok

'-------------------------------------------------------

Dim CharCode, Temp, i As Long

Telex = text

Temp = Array("aws", "awf", "awr", "awx", "awj", "aas", "aaf", "aar", "aax", "aaj", "ees", \_

"eef", "eer", "eex", "eej", "oos", "oof", "oor", "oox", "ooj", "ows", "owf", "owr", "owx", \_

"owj", "uws", "uwf", "uwr", "uwx", "uwj", "as", "af", "ar", "ax", "aj", "aw", "aa", "dd", \_

"es", "ef", "er", "ex", "ej", "ee", "is", "if", "ir", "ix", "ij", "os", "of", "or", "ox", \_

"oj", "oo", "ow", "us", "uf", "ur", "ux", "uj", "uw", "ys", "yf", "yr", "yx", "yj") ' kieu go Telex

CharCode = Array(ChrW(7855), ChrW(7857), ChrW(7859), ChrW(7861), ChrW(7863), ChrW(7845), ChrW(7847), \_

ChrW(7849), ChrW(7851), ChrW(7853), ChrW(7871), ChrW(7873), ChrW(7875), ChrW(7877), ChrW(7879), \_

ChrW(7889), ChrW(7891), ChrW(7893), ChrW(7895), ChrW(7897), ChrW(7899), ChrW(7901), ChrW(7903), \_

ChrW(7905), ChrW(7907), ChrW(7913), ChrW(7915), ChrW(7917), ChrW(7919), ChrW(7921), ChrW(225), \_

ChrW(224), ChrW(7843), ChrW(227), ChrW(7841), ChrW(259), ChrW(226), ChrW(273), ChrW(233), ChrW(232), \_

ChrW(7867), ChrW(7869), ChrW(7865), ChrW(234), ChrW(237), ChrW(236), ChrW(7881), ChrW(297), ChrW(7883), \_

ChrW(243), ChrW(242), ChrW(7887), ChrW(245), ChrW(7885), ChrW(244), ChrW(417), ChrW(250), ChrW(249), \_

ChrW(7911), ChrW(361), ChrW(7909), ChrW(432), ChrW(253), ChrW(7923), ChrW(7927), ChrW(7929), ChrW(7925))

For i = 0 To UBound(CharCode)

Telex = Replace(Telex, Temp(i), CharCode(i))

Telex = Replace(Telex, UCase(Temp(i)), UCase(CharCode(i)))

Next i

End Function

'Chuyen tieng Viet ko dau >> da chay ok

Function f\_TiengVietKhongDau(ByVal str As String) As String

Dim i As Integer

Dim char As String

Dim result As String

result = ""

For i = 1 To Len(str)

char = Mid(str, i, 1)

Select Case char

Case Telex("dd")

result = result & "d"

Case "à", "á", Telex("aj"), Telex("ax"), Telex("ar"), Telex("aw"), Telex("aws"), Telex("awf"), Telex("awx"), Telex("awj"), Telex("awr"), Telex("aa"), Telex("aaf"), Telex("aas"), Telex("aar"), Telex("aaj"), Telex("aax")

result = result & "a"

Case "è", "é", Telex("ej"), Telex("ex"), Telex("er"), Telex("ee"), Telex("eef"), Telex("ees"), Telex("eer"), Telex("eej"), Telex("eex")

result = result & "e"

Case "ì", "í", Telex("ir"), Telex("ix"), Telex("ij")

result = result & "i"

Case "ò", "ó", Telex("oj"), "õ", Telex("or"), "ô", Telex("oof"), Telex("oos"), Telex("oor"), Telex("ooj"), Telex("oox"), Telex("ow"), Telex("owf"), Telex("ows"), Telex("owr"), Telex("owj"), Telex("owx")

result = result & "o"

Case "ù", "ú", Telex("ur"), Telex("uj"), Telex("ux"), Telex("uw"), Telex("uws"), Telex("uwf"), Telex("uwx"), Telex("uwj"), Telex("uwr")

result = result & "u"

Case Telex("yf"), "ý", Telex("yr"), Telex("yx"), Telex("yj")

result = result & "y"

Case "À", "Á", Telex("AR"), Telex("AX"), Telex("AJ"), Telex("AW"), Telex("AWF"), Telex("AWS"), Telex("AWR"), Telex("AWX"), Telex("AWJ"), Telex("AA"), Telex("AAF"), Telex("AAS"), Telex("AAR"), Telex("AAX"), Telex("AAJ")

result = result & "A"

Case "È", "É", Telex("ER"), Telex("EX"), Telex("EJ"), Telex("EE"), Telex("EEF"), Telex("EES"), Telex("EER"), Telex("EEX"), Telex("EEJ")

result = result & "E"

Case "Ì", "Í", Telex("IR"), Telex("IX"), Telex("IJ")

result = result & "I"

Case "Ò", "Ó", Telex("Or"), "Õ", Telex("Oj"), "Ô", Telex("OOf"), Telex("OOs"), Telex("OOx"), Telex("OOj"), Telex("OOr")

result = result & "O"

Case "Ù", "Ú", Telex("UR"), Telex("UX"), Telex("UJ"), Telex("UW"), Telex("UWF"), Telex("UWS"), Telex("UWR"), Telex("UWX"), Telex("UWJ")

result = result & "U"

Case Telex("YF"), Telex("YS"), Telex("YR"), Telex("YJ"), Telex("YX")

result = result & "Y"

Case Telex("DD")

result = result & "D"

Case Else

result = result & char

End Select

Next i

f\_TiengVietKhongDau = result

End Function

'Ham chuyen doi go tieng Viet co dau sang ma Unicode

Function f\_vni2u(vanbanVNI As String)

f\_vni2u = vanbanVNI '\* Luu y khong duoc thay doi thu tu cac dong duoi day

f\_vni2u = Replace(f\_vni2u, "aù", ChrW(225))

f\_vni2u = Replace(f\_vni2u, "aø", ChrW(224))

f\_vni2u = Replace(f\_vni2u, "aû", ChrW(7843))

f\_vni2u = Replace(f\_vni2u, "aõ", ChrW(227))

f\_vni2u = Replace(f\_vni2u, "aï", ChrW(7841))

f\_vni2u = Replace(f\_vni2u, "aé", ChrW(7855))

f\_vni2u = Replace(f\_vni2u, "aè", ChrW(7857))

f\_vni2u = Replace(f\_vni2u, "aú", ChrW(7859))

f\_vni2u = Replace(f\_vni2u, "aü", ChrW(7861))

f\_vni2u = Replace(f\_vni2u, "aë", ChrW(7863))

f\_vni2u = Replace(f\_vni2u, "aá", ChrW(7845))

f\_vni2u = Replace(f\_vni2u, "aà", ChrW(7847))

f\_vni2u = Replace(f\_vni2u, "aå", ChrW(7849))

f\_vni2u = Replace(f\_vni2u, "aã", ChrW(7851))

f\_vni2u = Replace(f\_vni2u, "aä", ChrW(7853))

f\_vni2u = Replace(f\_vni2u, "où", ChrW(243))

f\_vni2u = Replace(f\_vni2u, "oø", ChrW(242))

f\_vni2u = Replace(f\_vni2u, "oû", ChrW(7887))

f\_vni2u = Replace(f\_vni2u, "oõ", ChrW(245))

f\_vni2u = Replace(f\_vni2u, "oï", ChrW(7885))

f\_vni2u = Replace(f\_vni2u, "oá", ChrW(7889))

f\_vni2u = Replace(f\_vni2u, "oà", ChrW(7891))

f\_vni2u = Replace(f\_vni2u, "oå", ChrW(7893))

f\_vni2u = Replace(f\_vni2u, "oã", ChrW(7895))

f\_vni2u = Replace(f\_vni2u, "oä", ChrW(7897))

f\_vni2u = Replace(f\_vni2u, "ôù", ChrW(7899))

f\_vni2u = Replace(f\_vni2u, "ôø", ChrW(7901))

f\_vni2u = Replace(f\_vni2u, "ôû", ChrW(7903))

f\_vni2u = Replace(f\_vni2u, "ôõ", ChrW(7905))

f\_vni2u = Replace(f\_vni2u, "ôï", ChrW(7907))

f\_vni2u = Replace(f\_vni2u, "uù", ChrW(250))

f\_vni2u = Replace(f\_vni2u, "uø", ChrW(249))

f\_vni2u = Replace(f\_vni2u, "uû", ChrW(7911))

f\_vni2u = Replace(f\_vni2u, "uõ", ChrW(361))

f\_vni2u = Replace(f\_vni2u, "uï", ChrW(7909))

f\_vni2u = Replace(f\_vni2u, "öù", ChrW(7913))

f\_vni2u = Replace(f\_vni2u, "öø", ChrW(7915))

f\_vni2u = Replace(f\_vni2u, "öû", ChrW(7917))

f\_vni2u = Replace(f\_vni2u, "öõ", ChrW(7919))

f\_vni2u = Replace(f\_vni2u, "öï", ChrW(7921))

f\_vni2u = Replace(f\_vni2u, "eù", ChrW(233))

f\_vni2u = Replace(f\_vni2u, "eø", ChrW(232))

f\_vni2u = Replace(f\_vni2u, "eû", ChrW(7867))

f\_vni2u = Replace(f\_vni2u, "eõ", ChrW(7869))

f\_vni2u = Replace(f\_vni2u, "eï", ChrW(7865))

f\_vni2u = Replace(f\_vni2u, "eá", ChrW(7871))

f\_vni2u = Replace(f\_vni2u, "eà", ChrW(7873))

f\_vni2u = Replace(f\_vni2u, "eå", ChrW(7875))

f\_vni2u = Replace(f\_vni2u, "eã", ChrW(7877))

f\_vni2u = Replace(f\_vni2u, "eä", ChrW(7879))

f\_vni2u = Replace(f\_vni2u, "yù", ChrW(253))

f\_vni2u = Replace(f\_vni2u, "yø", ChrW(7923))

f\_vni2u = Replace(f\_vni2u, "yœ", ChrW(7927))

f\_vni2u = Replace(f\_vni2u, "yõ", ChrW(7929))

f\_vni2u = Replace(f\_vni2u, "î", ChrW(7925))

f\_vni2u = Replace(f\_vni2u, "AÙ", ChrW(193))

f\_vni2u = Replace(f\_vni2u, "AØ", ChrW(192))

f\_vni2u = Replace(f\_vni2u, "AÛ", ChrW(7842))

f\_vni2u = Replace(f\_vni2u, "AÕ", ChrW(195))

f\_vni2u = Replace(f\_vni2u, "AÏ", ChrW(7840))

f\_vni2u = Replace(f\_vni2u, "AÉ", ChrW(7854))

f\_vni2u = Replace(f\_vni2u, "AÈ", ChrW(7856))

f\_vni2u = Replace(f\_vni2u, "AÚ", ChrW(7858))

f\_vni2u = Replace(f\_vni2u, "AÜ", ChrW(7860))

f\_vni2u = Replace(f\_vni2u, "AË", ChrW(7862))

f\_vni2u = Replace(f\_vni2u, "AÁ", ChrW(7844))

f\_vni2u = Replace(f\_vni2u, "AÀ", ChrW(7846))

f\_vni2u = Replace(f\_vni2u, "AÅ", ChrW(7848))

f\_vni2u = Replace(f\_vni2u, "AÃ", ChrW(7850))

f\_vni2u = Replace(f\_vni2u, "AÄ", ChrW(7852))

f\_vni2u = Replace(f\_vni2u, "EÙ", ChrW(201))

f\_vni2u = Replace(f\_vni2u, "EØ", ChrW(200))

f\_vni2u = Replace(f\_vni2u, "EÛ", ChrW(7866))

f\_vni2u = Replace(f\_vni2u, "EÕ", ChrW(7868))

f\_vni2u = Replace(f\_vni2u, "EÏ", ChrW(7864))

f\_vni2u = Replace(f\_vni2u, "EÁ", ChrW(7870))

f\_vni2u = Replace(f\_vni2u, "EÀ", ChrW(7872))

f\_vni2u = Replace(f\_vni2u, "EÅ", ChrW(7874))

f\_vni2u = Replace(f\_vni2u, "EÃ", ChrW(7876))

f\_vni2u = Replace(f\_vni2u, "EÄ", ChrW(7878))

f\_vni2u = Replace(f\_vni2u, "OÙ", ChrW(211))

f\_vni2u = Replace(f\_vni2u, "OØ", ChrW(210))

f\_vni2u = Replace(f\_vni2u, "OÛ", ChrW(7886))

f\_vni2u = Replace(f\_vni2u, "OÕ", ChrW(213))

f\_vni2u = Replace(f\_vni2u, "OÏ", ChrW(7884))

f\_vni2u = Replace(f\_vni2u, "OÁ", ChrW(7888))

f\_vni2u = Replace(f\_vni2u, "OÀ", ChrW(7890))

f\_vni2u = Replace(f\_vni2u, "OÅ", ChrW(7892))

f\_vni2u = Replace(f\_vni2u, "OÃ", ChrW(7894))

f\_vni2u = Replace(f\_vni2u, "OÄ", ChrW(7896))

f\_vni2u = Replace(f\_vni2u, "ÔÙ", ChrW(7898))

f\_vni2u = Replace(f\_vni2u, "ÔØ", ChrW(7900))

f\_vni2u = Replace(f\_vni2u, "ÔÛ", ChrW(7902))

f\_vni2u = Replace(f\_vni2u, "ÔÕ", ChrW(7904))

f\_vni2u = Replace(f\_vni2u, "ÔÏ", ChrW(7906))

f\_vni2u = Replace(f\_vni2u, "UÙ", ChrW(218))

f\_vni2u = Replace(f\_vni2u, "UØ", ChrW(217))

f\_vni2u = Replace(f\_vni2u, "UÛ", ChrW(7910))

f\_vni2u = Replace(f\_vni2u, "UÕ", ChrW(360))

f\_vni2u = Replace(f\_vni2u, "UÏ", ChrW(7908))

f\_vni2u = Replace(f\_vni2u, "ÖÙ", ChrW(7912))

f\_vni2u = Replace(f\_vni2u, "ÖØ", ChrW(7914))

f\_vni2u = Replace(f\_vni2u, "ÖÛ", ChrW(7916))

f\_vni2u = Replace(f\_vni2u, "ÖÕ", ChrW(7918))

f\_vni2u = Replace(f\_vni2u, "ÖÏ", ChrW(7920))

f\_vni2u = Replace(f\_vni2u, "YÙ", ChrW(221))

f\_vni2u = Replace(f\_vni2u, "YØ", ChrW(7922))

f\_vni2u = Replace(f\_vni2u, "YÛ", ChrW(7926))

f\_vni2u = Replace(f\_vni2u, "YÕ", ChrW(7928))

f\_vni2u = Replace(f\_vni2u, "Î", ChrW(7924))

f\_vni2u = Replace(f\_vni2u, "ñ", ChrW(273))

f\_vni2u = Replace(f\_vni2u, "Ñ", ChrW(208))

f\_vni2u = Replace(f\_vni2u, "aê", ChrW(259))

f\_vni2u = Replace(f\_vni2u, "AÊ", ChrW(258))

f\_vni2u = Replace(f\_vni2u, "aâ", ChrW(226))

f\_vni2u = Replace(f\_vni2u, "AÂ", ChrW(194))

f\_vni2u = Replace(f\_vni2u, "eâ", ChrW(234))

f\_vni2u = Replace(f\_vni2u, "EÂ", ChrW(202))

f\_vni2u = Replace(f\_vni2u, "ô", ChrW(417))

f\_vni2u = Replace(f\_vni2u, "Ô", ChrW(416))

f\_vni2u = Replace(f\_vni2u, "oâ", ChrW(244))

f\_vni2u = Replace(f\_vni2u, "OÂ", ChrW(212))

f\_vni2u = Replace(f\_vni2u, "ö", ChrW(432))

f\_vni2u = Replace(f\_vni2u, "Ö", ChrW(431))

f\_vni2u = Replace(f\_vni2u, "Í", ChrW(205))

f\_vni2u = Replace(f\_vni2u, "Ì", ChrW(204))

f\_vni2u = Replace(f\_vni2u, "Æ", ChrW(7880))

f\_vni2u = Replace(f\_vni2u, "Ó", ChrW(296))

f\_vni2u = Replace(f\_vni2u, "Ò", ChrW(7882))

f\_vni2u = Replace(f\_vni2u, "í", ChrW(237))

f\_vni2u = Replace(f\_vni2u, "ì", ChrW(236))

f\_vni2u = Replace(f\_vni2u, "æ", ChrW(7881))

f\_vni2u = Replace(f\_vni2u, "ó", ChrW(297))

f\_vni2u = Replace(f\_vni2u, "ò", ChrW(7883))

End Function

'=======COPY TU PHANMEMIVD.XLSM========

'Thay the gia tri o mot cot bang cot ben phai

'Quy uoc thay tu hang 7

Function ThayTheTu(wdoc As Variant, sheetMaHoa As Worksheet, ColumnMaHoa As String)

'wdoc co the thay bang khai bao khac duocj ko?

' Ham nay co the dung public duoc

Dim lastRow As Integer, i As Integer

Dim origText As String, targetText As String, msg As String

lastRow = sheetMaHoa.Cells(sheetMaHoa.Rows.Count, ColumnMaHoa).End(xlUp).row

For i = 7 To lastRow

origText = sheetMaHoa.Cells(i, 2).text

targetText = sheetMaHoa.Cells(i, 3).text

With wdoc.Range.Find

.text = origText

.Replacement.text = targetText

.Execute Replace:=wdReplaceAll

End With

Debug.Print ".";

Next

End Function

'========Dieu huong ========

'Tim dong cuoi cung, co nhap cot can tim

Function TimDongCuoiCung(wantedColumn As String) As Long

On Error Resume Next

TimDongCuoiCung = ActiveSheet.Cells(ActiveSheet.Rows.Count, wantedColumn).End(xlUp).row

End Function

'==========NGAY VÀ TIEN ====================

'Ham so VNdong() doc so thanh chu, ap dung cho doc so tien VND

'Da sua dong (Bang chu .....)

' Note: VNdong la ham so cua mot Range, khong phai mot String

' Ham SoTienBangChu co the doc String

Public Function SoTienBangChu(FirstArg As String)

Dim chu, aaa, bbb, so3

chu = FirstArg

chu = Format(chu, "0.00")

If chu > 10 ^ 99 Then

SoTienBangChu = FirstArg

Exit Function

End If

aaa = Left(chu, Len(chu) - 3)

bbb = Right(chu, 2)

so3 = dich(CStr(aaa)) & "ñoàng" & IIf(Val(bbb) <> 0, " " & dich(CStr(bbb)) & "xu.", ")")

so3 = Replace(so3, ", tyû", " tyû") '\* Lam cho dep

so3 = Replace(so3, ", ñoàng", " ñoàng")

so3 = Chr(Asc(Left(so3, 1)) - 32) + Mid(so3, 2) ' Viet hoa chu dau tien

so3 = "(B" + ChrW(7857) + "ng ch" + ChrW(7919) + ": " & so3

If FirstArg < 0 Then so3 = "(AÂm) " & so3

SoTienBangChu = vni2u(CStr(so3))

End Function

Private Function vni2u(vanbanVNI As String)

vni2u = vanbanVNI '\* Luu y khong duoc thay doi thu tu cac dong duoi day

vni2u = Replace(vni2u, "aù", ChrW(225))

vni2u = Replace(vni2u, "aø", ChrW(224))

vni2u = Replace(vni2u, "aû", ChrW(7843))

vni2u = Replace(vni2u, "aõ", ChrW(227))

vni2u = Replace(vni2u, "aï", ChrW(7841))

vni2u = Replace(vni2u, "aé", ChrW(7855))

vni2u = Replace(vni2u, "aè", ChrW(7857))

vni2u = Replace(vni2u, "aú", ChrW(7859))

vni2u = Replace(vni2u, "aü", ChrW(7861))

vni2u = Replace(vni2u, "aë", ChrW(7863))

vni2u = Replace(vni2u, "aá", ChrW(7845))

vni2u = Replace(vni2u, "aà", ChrW(7847))

vni2u = Replace(vni2u, "aå", ChrW(7849))

vni2u = Replace(vni2u, "aã", ChrW(7851))

vni2u = Replace(vni2u, "aä", ChrW(7853))

vni2u = Replace(vni2u, "où", ChrW(243))

vni2u = Replace(vni2u, "oø", ChrW(242))

vni2u = Replace(vni2u, "oû", ChrW(7887))

vni2u = Replace(vni2u, "oõ", ChrW(245))

vni2u = Replace(vni2u, "oï", ChrW(7885))

vni2u = Replace(vni2u, "oá", ChrW(7889))

vni2u = Replace(vni2u, "oà", ChrW(7891))

vni2u = Replace(vni2u, "oå", ChrW(7893))

vni2u = Replace(vni2u, "oã", ChrW(7895))

vni2u = Replace(vni2u, "oä", ChrW(7897))

vni2u = Replace(vni2u, "ôù", ChrW(7899))

vni2u = Replace(vni2u, "ôø", ChrW(7901))

vni2u = Replace(vni2u, "ôû", ChrW(7903))

vni2u = Replace(vni2u, "ôõ", ChrW(7905))

vni2u = Replace(vni2u, "ôï", ChrW(7907))

vni2u = Replace(vni2u, "uù", ChrW(250))

vni2u = Replace(vni2u, "uø", ChrW(249))

vni2u = Replace(vni2u, "uû", ChrW(7911))

vni2u = Replace(vni2u, "uõ", ChrW(361))

vni2u = Replace(vni2u, "uï", ChrW(7909))

vni2u = Replace(vni2u, "öù", ChrW(7913))

vni2u = Replace(vni2u, "öø", ChrW(7915))

vni2u = Replace(vni2u, "öû", ChrW(7917))

vni2u = Replace(vni2u, "öõ", ChrW(7919))

vni2u = Replace(vni2u, "öï", ChrW(7921))

vni2u = Replace(vni2u, "eù", ChrW(233))

vni2u = Replace(vni2u, "eø", ChrW(232))

vni2u = Replace(vni2u, "eû", ChrW(7867))

vni2u = Replace(vni2u, "eõ", ChrW(7869))

vni2u = Replace(vni2u, "eï", ChrW(7865))

vni2u = Replace(vni2u, "eá", ChrW(7871))

vni2u = Replace(vni2u, "eà", ChrW(7873))

vni2u = Replace(vni2u, "eå", ChrW(7875))

vni2u = Replace(vni2u, "eã", ChrW(7877))

vni2u = Replace(vni2u, "eä", ChrW(7879))

vni2u = Replace(vni2u, "yù", ChrW(253))

vni2u = Replace(vni2u, "yø", ChrW(7923))

vni2u = Replace(vni2u, "yœ", ChrW(7927))

vni2u = Replace(vni2u, "yõ", ChrW(7929))

vni2u = Replace(vni2u, "î", ChrW(7925))

vni2u = Replace(vni2u, "AÙ", ChrW(193))

vni2u = Replace(vni2u, "AØ", ChrW(192))

vni2u = Replace(vni2u, "AÛ", ChrW(7842))

vni2u = Replace(vni2u, "AÕ", ChrW(195))

vni2u = Replace(vni2u, "AÏ", ChrW(7840))

vni2u = Replace(vni2u, "AÉ", ChrW(7854))

vni2u = Replace(vni2u, "AÈ", ChrW(7856))

vni2u = Replace(vni2u, "AÚ", ChrW(7858))

vni2u = Replace(vni2u, "AÜ", ChrW(7860))

vni2u = Replace(vni2u, "AË", ChrW(7862))

vni2u = Replace(vni2u, "AÁ", ChrW(7844))

vni2u = Replace(vni2u, "AÀ", ChrW(7846))

vni2u = Replace(vni2u, "AÅ", ChrW(7848))

vni2u = Replace(vni2u, "AÃ", ChrW(7850))

vni2u = Replace(vni2u, "AÄ", ChrW(7852))

vni2u = Replace(vni2u, "EÙ", ChrW(201))

vni2u = Replace(vni2u, "EØ", ChrW(200))

vni2u = Replace(vni2u, "EÛ", ChrW(7866))

vni2u = Replace(vni2u, "EÕ", ChrW(7868))

vni2u = Replace(vni2u, "EÏ", ChrW(7864))

vni2u = Replace(vni2u, "EÁ", ChrW(7870))

vni2u = Replace(vni2u, "EÀ", ChrW(7872))

vni2u = Replace(vni2u, "EÅ", ChrW(7874))

vni2u = Replace(vni2u, "EÃ", ChrW(7876))

vni2u = Replace(vni2u, "EÄ", ChrW(7878))

vni2u = Replace(vni2u, "OÙ", ChrW(211))

vni2u = Replace(vni2u, "OØ", ChrW(210))

vni2u = Replace(vni2u, "OÛ", ChrW(7886))

vni2u = Replace(vni2u, "OÕ", ChrW(213))

vni2u = Replace(vni2u, "OÏ", ChrW(7884))

vni2u = Replace(vni2u, "OÁ", ChrW(7888))

vni2u = Replace(vni2u, "OÀ", ChrW(7890))

vni2u = Replace(vni2u, "OÅ", ChrW(7892))

vni2u = Replace(vni2u, "OÃ", ChrW(7894))

vni2u = Replace(vni2u, "OÄ", ChrW(7896))

vni2u = Replace(vni2u, "ÔÙ", ChrW(7898))

vni2u = Replace(vni2u, "ÔØ", ChrW(7900))

vni2u = Replace(vni2u, "ÔÛ", ChrW(7902))

vni2u = Replace(vni2u, "ÔÕ", ChrW(7904))

vni2u = Replace(vni2u, "ÔÏ", ChrW(7906))

vni2u = Replace(vni2u, "UÙ", ChrW(218))

vni2u = Replace(vni2u, "UØ", ChrW(217))

vni2u = Replace(vni2u, "UÛ", ChrW(7910))

vni2u = Replace(vni2u, "UÕ", ChrW(360))

vni2u = Replace(vni2u, "UÏ", ChrW(7908))

vni2u = Replace(vni2u, "ÖÙ", ChrW(7912))

vni2u = Replace(vni2u, "ÖØ", ChrW(7914))

vni2u = Replace(vni2u, "ÖÛ", ChrW(7916))

vni2u = Replace(vni2u, "ÖÕ", ChrW(7918))

vni2u = Replace(vni2u, "ÖÏ", ChrW(7920))

vni2u = Replace(vni2u, "YÙ", ChrW(221))

vni2u = Replace(vni2u, "YØ", ChrW(7922))

vni2u = Replace(vni2u, "YÛ", ChrW(7926))

vni2u = Replace(vni2u, "YÕ", ChrW(7928))

vni2u = Replace(vni2u, "Î", ChrW(7924))

vni2u = Replace(vni2u, "ñ", ChrW(273))

vni2u = Replace(vni2u, "Ñ", ChrW(208))

vni2u = Replace(vni2u, "aê", ChrW(259))

vni2u = Replace(vni2u, "AÊ", ChrW(258))

vni2u = Replace(vni2u, "aâ", ChrW(226))

vni2u = Replace(vni2u, "AÂ", ChrW(194))

vni2u = Replace(vni2u, "eâ", ChrW(234))

vni2u = Replace(vni2u, "EÂ", ChrW(202))

vni2u = Replace(vni2u, "ô", ChrW(417))

vni2u = Replace(vni2u, "Ô", ChrW(416))

vni2u = Replace(vni2u, "oâ", ChrW(244))

vni2u = Replace(vni2u, "OÂ", ChrW(212))

vni2u = Replace(vni2u, "ö", ChrW(432))

vni2u = Replace(vni2u, "Ö", ChrW(431))

vni2u = Replace(vni2u, "Í", ChrW(205))

vni2u = Replace(vni2u, "Ì", ChrW(204))

vni2u = Replace(vni2u, "Æ", ChrW(7880))

vni2u = Replace(vni2u, "Ó", ChrW(296))

vni2u = Replace(vni2u, "Ò", ChrW(7882))

vni2u = Replace(vni2u, "í", ChrW(237))

vni2u = Replace(vni2u, "ì", ChrW(236))

vni2u = Replace(vni2u, "æ", ChrW(7881))

vni2u = Replace(vni2u, "ó", ChrW(297))

vni2u = Replace(vni2u, "ò", ChrW(7883))

End Function

Function UniConvert(text As String) As String

'--------------Cach su dung-----------------------------

' Ham chuyen chu danh kieu Telex thanh tieng Viet co dau

'-------------------------------------------------------

Dim CharCode, Temp, i As Long

UniConvert = text

Temp = Array("aws", "awf", "awr", "awx", "awj", "aas", "aaf", "aar", "aax", "aaj", "ees", \_

"eef", "eer", "eex", "eej", "oos", "oof", "oor", "oox", "ooj", "ows", "owf", "owr", "owx", \_

"owj", "uws", "uwf", "uwr", "uwx", "uwj", "as", "af", "ar", "ax", "aj", "aw", "aa", "dd", \_

"es", "ef", "er", "ex", "ej", "ee", "is", "if", "ir", "ix", "ij", "os", "of", "or", "ox", \_

"oj", "oo", "ow", "us", "uf", "ur", "ux", "uj", "uw", "ys", "yf", "yr", "yx", "yj") ' kieu go TELEX

CharCode = Array(ChrW(7855), ChrW(7857), ChrW(7859), ChrW(7861), ChrW(7863), ChrW(7845), ChrW(7847), \_

ChrW(7849), ChrW(7851), ChrW(7853), ChrW(7871), ChrW(7873), ChrW(7875), ChrW(7877), ChrW(7879), \_

ChrW(7889), ChrW(7891), ChrW(7893), ChrW(7895), ChrW(7897), ChrW(7899), ChrW(7901), ChrW(7903), \_

ChrW(7905), ChrW(7907), ChrW(7913), ChrW(7915), ChrW(7917), ChrW(7919), ChrW(7921), ChrW(225), \_

ChrW(224), ChrW(7843), ChrW(227), ChrW(7841), ChrW(259), ChrW(226), ChrW(273), ChrW(233), ChrW(232), \_

ChrW(7867), ChrW(7869), ChrW(7865), ChrW(234), ChrW(237), ChrW(236), ChrW(7881), ChrW(297), ChrW(7883), \_

ChrW(243), ChrW(242), ChrW(7887), ChrW(245), ChrW(7885), ChrW(244), ChrW(417), ChrW(250), ChrW(249), \_

ChrW(7911), ChrW(361), ChrW(7909), ChrW(432), ChrW(253), ChrW(7923), ChrW(7927), ChrW(7929), ChrW(7925))

For i = 0 To UBound(CharCode)

UniConvert = Replace(UniConvert, Temp(i), CharCode(i))

UniConvert = Replace(UniConvert, UCase(Temp(i)), UCase(CharCode(i)))

Next i

End Function

'Ham so NgayVN() doi ngay dang so thang chu tieng Viet

'Doan Van

'Public Function NgayVN(DateCell As Range) As String '>>Dang trung voi mot ham khac

' Dim Ngay As String, Thang As String, Nam As String

' Ngay = Day(DateCell)

' Thang = Month(DateCell)

' Nam = Year(DateCell)

'

' If Ngay < 10 Then Ngay = "0" & Ngay

' If Thang < 3 Then Thang = "0" & Thang

'

' NgayVN = "ngày " & Ngay & UniConvert(" thasng ") & Thang & UniConvert(" nawm ") & Nam

'

'End Function

'Ham so VNdong() doc so thanh chu, ap dung cho doc so tien VND

'Da sua dong (Bang chu .....)

' Hàm doi so dang string thanh chu

Public Function SoThanhChu(FirstArg As String)

Dim chu, aaa, bbb, so3

chu = FirstArg

chu = Format(chu, "0.00")

If chu > 10 ^ 99 Then

SoThanhChu = FirstArg

Exit Function

End If

aaa = Left(chu, Len(chu) - 3)

bbb = Right(chu, 2)

so3 = dich(CStr(aaa)) & "ñoàng" & IIf(Val(bbb) <> 0, " " & dich(CStr(bbb)) & "xu.", ")")

so3 = Replace(so3, ", tyû", " tyû") '\* Lam cho dep

so3 = Replace(so3, ", ñoàng", " ñoàng")

so3 = Chr(Asc(Left(so3, 1)) - 32) + Mid(so3, 2) ' Viet hoa chu dau tien

so3 = "(B" + ChrW(7857) + "ng ch" + ChrW(7919) + ": " & so3

If FirstArg < 0 Then so3 = "(AÂm) " & so3

SoThanhChu = vni2u(CStr(so3))

End Function

'======= chuyen tu mod ham phu =======

'Ham vlookup tim String trong range

Public Function f\_Vlookup(lookupRange As Range, LookupVal As String, LookColNumber As Byte) As String

Dim excelApp As Object, wb As Object, vlookupResult As Variant

On Error Resume Next

Set excelApp = GetObject(, "Excel.Application")

On Error GoTo 0

' Perform the VLOOKUP

On Error Resume Next

vlookupResult = excelApp.WorksheetFunction.VLookup(LookupVal, lookupRange, LookColNumber, 0)

On Error GoTo 0

' Display the result in the textbox

If Not IsEmpty(vlookupResult) Then

f\_Vlookup = vlookupResult

On Error GoTo ExitCheckLoop

Exit Function

Else

Debug.Print "Not Found " & LookupVal

Exit Function

End If

f\_Vlookup = vlookupResult

Debug.Print "Done"

ExitCheckLoop:

Debug.Print "Loi"

Exit Function

'Vi du su dung

' Dim LookupWsName As String, LookupRange As Range, LookupVal As String, LookColNumber As Byte

' LookupVal = Telex("DDoafn Thanh Vaan")

' LookupWsName = "Input\_DuToan"

' Set LookupRange = ThisWorkbook.Sheets(LookupWsName).Range("DS\_ThanhVien")

' LookColNumber = 4

'' .txtDVT.value = f\_Vlookup(WbName, LookupWsName, LookupRange, LookupVal, LookColNumber)

' MsgBox f\_Vlookup(LookupRange, LookupVal, LookColNumber)

' Set LookupRange = Nothing

End Function

' ------------------------------------------------------

' Cac dung function ReplaceWordPhrase(Hang dau tien, Hang cuoi cung, Cot chua cum tu can thay the), vd ReplaceWordPhrase 4, 58, 1

Function ReplaceWordPhrase(file\_name As String, firstRow As Integer, lastRow As Integer, find\_coln As Integer)

Application.ScreenUpdating = False

Dim i As Integer

Dim target As String, phrase As String, DonePath As String, TemplatePath As String

Dim objWrd

Dim objDoc

Set objWrd = CreateObject("Word.Application")

objWrd.Visible = False

DonePath = shNhapDuLieu.Range("B2").value

TemplatePath = shNhapDuLieu.Range("B3").value 'Duong dan file docx mau

Set objDoc = objWrd.Documents.Open(TemplatePath & "\" & file\_name & ".docx") ' Chi doc file .docx

For i = firstRow To lastRow

phrase = shInputData.Cells(i, find\_coln).text

target = shInputData.Cells(i, find\_coln + 1).text

With objDoc.Range.Find

.text = phrase

.Replacement.text = target

.Execute Replace:=wdReplaceAll

End With

Next

objDoc.SaveAs (DonePath & "\" & file\_name & ".docx") ' Luu file docx

objWrd.Quit 'Khong dong file word

Application.ScreenUpdating = True

objWrd.Visible = True

End Function

'==============================================================

'Function TableReplace()

' 'thay the mot phrase bang mot bang excel

' target = "^c"

' With objDoc.Range.Find

' .Text = phrase

' .Replacement.Text = target

' .Execute Replace:=wdReplaceAll

' End With

'End Function

'======== Luu project =============

Sub SaveWorkbookWithDialog()

Dim FileName As String, currentDate As String, currentTime As String, savePath As String

' Get current date and time

currentDate = Format(Date, "yymmdd")

currentTime = Format(Time, "hhmm")

' Create file name with date and time

FileName = "DauThau\_" & currentDate & "\_" & currentTime & ".xlsx"

' Open Save As dialog box

With Application.fileDialog(msoFileDialogSaveAs)

.InitialFileName = FileName ' Set initial file name

' Show the dialog box

If .Show = -1 Then

savePath = .SelectedItems(1) ' Get the selected file path

ThisWorkbook.SaveAs savePath ' Save workbook at the selected location

MsgBox "Workbook saved at: " & savePath ' Optional: Display a message with the saved file path

End If

End With

End Sub

Sub CopySheetsFromExternalWorkbookWithDialog()

Dim externalWB As Workbook, sourceWB As Workbook

Dim sourceSheet As Worksheet, destinationSheet As Worksheet

Dim fileDialog As fileDialog, selectedFile As Variant

' Create a FileDialog object as a File Picker dialog

Set fileDialog = Application.fileDialog(msoFileDialogFilePicker)

fileDialog.AllowMultiSelect = False ' Allow the user to select only one file

' Display the dialog box and capture the selected file

If fileDialog.Show = -1 Then

selectedFile = fileDialog.SelectedItems(1) ' Get the selected file name and open the workbook

Set externalWB = Workbooks.Open(selectedFile) ' Open the external workbook

Set sourceSheet = shInputData ' Set the source sheet in the external workbook

Set destinationSheet = shInputData ' Set the destination sheet in the active workbook

sourceSheet.Range("A5:B104").Copy ' Copy the specified range from the source sheet

destinationSheet.Range("A5").PasteSpecial Paste:=xlPasteValues ' Paste the range to the destination sheet

externalWB.Close False ' Close the external workbook without saving changes

Application.CutCopyMode = False ' Clear the clipboard

End If

Set fileDialog = Nothing

End Sub

'Ham chon/bo chon toan bo checkbox trong mot frame

'Dung de chon cac van ban can xuat

Sub TickCheckBox(ByVal tenFrame As String, ByVal chon As Boolean)

Dim multipage As Object, page As Object, frame As Object, cb As Object

' Tìm và xác d?nh Multipage trên UserForm

On Error Resume Next

Set multipage = fDT\_DauThau.Controls("mltDauThau")

On Error GoTo 0

If Not multipage Is Nothing Then

Set page = multipage.Pages(multipage.value) ' Xác d?nh Page hi?n t?i c?a Multipage

On Error Resume Next

Set frame = page.Controls(tenFrame) ' Tìm và xác d?nh Frame trong Page

On Error GoTo 0

If Not frame Is Nothing Then

' L?p qua t?t c? các checkbox trong frame và thay d?i tr?ng thái ch?n/b? ch?n

For Each cb In frame.Controls

If TypeName(cb) = "CheckBox" Then

cb.value = chon

End If

Next cb

Else

MsgBox "Không tìm th?y " & tenFrame & " trong " & multipage.Name, vbExclamation

End If

Else

MsgBox "Không tìm th?y " & multipage.Name, vbExclamation

End If

End Sub

## Ribbon

Option Explicit

'se cut paste vao config

'Callback for BackupPhanMem onAction

Sub BackupPhanMem(control As IRibbonControl)

PMDauThau\_Backup 'call from fDT\_Config

End Sub

'Callback for TaoMoiProject onAction

Sub TaoMoiProject(control As IRibbonControl)

TaoProjectDauThauMoi 'call from fDT\_Config

End Sub

'Callback for TiepTucProject onAction

Sub TiepTucProject(control As IRibbonControl)

TiepTucProjectDauThau 'call from fDT\_Config

End Sub

'Callback for ThietLap onAction

Sub ThietLap\_DuToan(control As IRibbonControl)

End Sub

'Callback for DuToan onAction

Sub DuToan(control As IRibbonControl)

fDT\_DuToan.Show 'call from fDT\_Config

End Sub

'Callback for ThietLap\_DauThau onAction

Sub ThietLap\_DauThau(control As IRibbonControl)

End Sub

'Callback for DauThau onAction

Sub DauThau(control As IRibbonControl)

fDT\_DauThau.Show

End Sub

'=========| Group cham cong |===========

'Callback for ThietLap\_ChamCong onAction

'Luu duong dan folder o B9 sheet Config

Sub ThietLap\_ChamCong(control As IRibbonControl)

SetFolderChamCong 'Call from fDT\_ChamCong

End Sub

'Callback for TaoFolderCongPhong onAction

Sub TaoFolderCongPhong(control As IRibbonControl)

TaoFolderChamCongMoi 'Call from fDT\_ChamCong

End Sub

'Callback for TaoMoiBangCong onAction

Sub TaoMoiBangCong(control As IRibbonControl)

TaoBangCongDeTai 'Call from fDT\_ChamCong

End Sub

'Callback for MoBangCongDeTai onAction

Sub MoBangCongDeTai(control As IRibbonControl)

Dim DefaultPath As String

DefaultPath = ThisWorkbook.Sheets("Config").Range("B9").value

'Mo dialog de chon file Bang cham cong de tai

If Not DefaultPath = "" Then

Debug.Print "- Opened Bang cham cong: " & f\_OpenXLSMFileDialog(DefaultPath)

End If

End Sub

'Dung cho sub OpenBangChamCongTungDeTai

Private Function f\_OpenXLSMFileDialog(parentPath As String) As String

Dim selectedFile As String, wb As Workbook

' Create a FileDialog object as a FilePicker dialog box

With Application.fileDialog(msoFileDialogFilePicker)

.Title = "Select an Excel File"

.Filters.Clear

.Filters.Add "Excel Files", "\*.xlsm", 1 ' Allow only Excel files

.InitialFileName = parentPath

' Show the dialog box

If .Show = -1 Then

selectedFile = .SelectedItems(1) ' Get the selected file path

Workbooks.Open (selectedFile) ' Open the selected file

Else

' User canceled the dialog

MsgBox "Nguoi dung da huy tuy chon."

End If

End With

End Function

'Callback for showBCBangCongTong onAction

Sub XemBangCongTong(control As IRibbonControl)

OpenBangCongTongView 'Call from fDT\_ChamCong

End Sub

'Callback for ViewBangCongTong onAction

Sub ViewBangCongTong(control As IRibbonControl)

Dim wb As Workbook

On Error GoTo Note

Set wb = Workbooks.Open(ThisWorkbook.Sheets("Config").Range("B9").value & "\BangCongTong\_View.xlsm", False)

wb.Sheets("T1").Activate

Set wb = Nothing

Exit Sub

Note:

MsgBox "Khong thay View bang cong tong, hay kiem tra lai xem file co ton tai?", vbExclamation, "Thông báo"

End Sub

'===========| Quan ly on Ribbon |=========

'Callback for ThietLap\_Kho onAction

Sub ThietLap\_Kho(control As IRibbonControl)

End Sub

'Callback for NhapKho onAction

Sub NhapKho(control As IRibbonControl)

fDT\_Nhapkho.Show

End Sub

'Callback for XuatKho onAction

Sub XuatKho(control As IRibbonControl)

fDT\_XuatKho.Show

End Sub

'Callback for TheTaiSan onAction

Sub TheTaiSan(control As IRibbonControl)

fDT\_DauThau.mltDauThau.value = 8 'Page the tai san cua multipage DauThau

End Sub

'Callback for TheoDoiVatTu onAction

Sub TheoDoiVatTu(control As IRibbonControl)

End Sub

'Callback for BieuMau onAction

Sub BieuMau(control As IRibbonControl)

End Sub

'========== QUAN LY CSDL GOC ==========

'Callback for HangHoa onAction

Sub HangHoa(control As IRibbonControl)

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 0

End Sub

'Callback for NhanVien onAction

Sub NhanVien(control As IRibbonControl)

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 2

End Sub

'Callback for VanBanPhapLy onAction

Sub VanBanPhapLy(control As IRibbonControl)

End Sub

'Callback for NhaCungCap onAction

Sub NhaCungCap(control As IRibbonControl)

fDT\_DLG.Show

fDT\_DLG.mltDLG.value = 1

End Sub

'============| PHIEN BAN |===============

'Callback for NhaCungCap onAction

Sub PhienBan(control As IRibbonControl)

MsgBox shConfig.Range("B7").value, Title:=cfgMsgTitle

checkForUpdate

End Sub

## Thuê khoán chuyên môn

Option Explicit

Sub XuatVanBan\_ThueKhoanChuyeMon()

Debug.Print "- Xuat van ban Hop dong thue khoan chuyen mon"

'Thong tin lay tu sheet Dich\_IVD

Dim FolderName As String, file\_name As String, msg As String

Dim templateFolder As String, SolvedFolder As String

templateFolder = "C:\Users\Laptop\My Drive (doanvan.ttndvn@gmail.com)\11. Dau\_Thau\15. PhanMemDauThau\BieuMau\_CNPN\TKCM" 'Duong dan folder mau"

SolvedFolder = "00. Van\23 PhanMemTT\TKCM"

SolvedFolder = "C:\Users\Laptop\My Drive (doanvan.ttndvn@gmail.com)\11. Dau\_Thau\01. Job\" & SolvedFolder 'Duong dan folder chua van ban da xu ly

' SolvedFolder = SolvedFolder & " - " & Format(Now(), "YYMMDD-hhmm") 'Ten folder co chua ten san pham va ngay, gio xu ly van ban

'-----------COPY & XU LY VAN BAN--------------------------------------------------

'-----------Khai bao va tao Collection-------

Dim IVD\_coll As Collection 'khai bao

Set IVD\_coll = New Collection ' khoi tao

IVD\_coll.Add "01. HopDong\_TKCM"

IVD\_coll.Add "02. GiayDeNghiTamUng\_1"

IVD\_coll.Add "03. BangChamCong"

IVD\_coll.Add "04. CongVan\_DeNghiNghiemThuSanPham"

IVD\_coll.Add "05. QD\_ThanhLapToChuyenGiaThamDinh"

IVD\_coll.Add "06. NhanXet\_DanhGia"

IVD\_coll.Add "07. BangKe\_KinhPhiHoiDong"

IVD\_coll.Add "08. BienBan\_HopHoiDong"

IVD\_coll.Add "09. GiayBienNhanTien"

IVD\_coll.Add "10. BienBan\_BanGiao"

IVD\_coll.Add "11. BangXacDinhKhoiLuongCongViec"

IVD\_coll.Add "12. BienBan\_ThanhLy"

For i = 1 To IVD\_coll.Count

file\_name = IVD\_coll(i)

ps\_ThayCumTu templateFolder, SolvedFolder, file\_name, shInputData, 1, 4, 187 '! Ham thay the cum tu

msg = msg + file\_name & ".docx" & vbNewLine

Debug.Print " + " & file\_name

Next i

Set IVD\_coll = Nothing

'--------------------------------------------

Debug.Print " + procced: " & vbNewLine & msg

End Sub

## Bảo trì

Option Explicit

Sub Recovery()

Application.Visible = True

Workbooks("PhanMemDauThau.xlsm").Windows(1).Visible = True

End Sub

### Liệt kê control trong userform

'========== BAO DUONG CODE =========================

'Liet ke control trong mot GUI và hien thi trong wb, du lieu chung 1 cot

Sub ListControlsOfAUserformToWorkbook()

Dim wb As Workbook, ws As Worksheet

Dim frm As Object, controlDictionary As Object

Dim ctrl As control

Dim ctrlType As Variant

Dim i As Long

Set frm = fDT\_DauThau ' Change "fDT\_DauThau" to the name of your UserForm

' Initialize control dictionary

Set controlDictionary = CreateObject("Scripting.Dictionary")

controlDictionary.Add "CommandButton", ""

controlDictionary.Add "Label", ""

controlDictionary.Add "TextBox", ""

controlDictionary.Add "ComboBox", ""

controlDictionary.Add "ListBox", ""

controlDictionary.Add "OptionButton", ""

controlDictionary.Add "CheckBox", ""

controlDictionary.Add "ToggleButton", ""

controlDictionary.Add "Frame", ""

' Create a new workbook

Set wb = Workbooks.Add

Set ws = wb.Sheets(1)

' Loop through controls and populate dictionary

For Each ctrl In frm.Controls

Select Case TypeName(ctrl)

Case "CommandButton"

ctrlType = "CommandButton"

Case "Label"

ctrlType = "Label"

Case "TextBox"

ctrlType = "TextBox"

Case "ComboBox"

ctrlType = "ComboBox"

Case "ListBox"

ctrlType = "ListBox"

Case "OptionButton"

ctrlType = "OptionButton"

Case "CheckBox"

ctrlType = "CheckBox"

Case "ToggleButton"

ctrlType = "ToggleButton"

Case "Frame"

ctrlType = "Frame"

Case Else

ctrlType = "Unknown"

End Select

' Append control name to the appropriate collection

controlDictionary(ctrlType) = controlDictionary(ctrlType) & ctrl.Name & ","

Next ctrl

' Populate worksheet with control names by type

ws.Cells(1, 1).value = "Type of Control"

ws.Cells(1, 2).value = "Name of Control"

Dim row As Long

row = 2

For Each ctrlType In controlDictionary.keys

Dim ctrlNames As Variant

ctrlNames = Split(controlDictionary(ctrlType), ",") ' Split control names into an array

For i = LBound(ctrlNames) To UBound(ctrlNames)

If ctrlNames(i) <> "" Then

ws.Cells(row, 1).value = ctrlType

ws.Cells(row, 2).value = ctrlNames(i)

row = row + 1

End If

Next i

Next ctrlType

ws.Columns("A:B").AutoFit ' Autofit columns for better visibility

Set wb = Nothing

Set ws = Nothing

Set controlDictionary = Nothing

Set frm = Nothing

MsgBox "Controls exported to the workbook successfully!", vbInformation

End Sub

### Liệt kê control của userform có multipage

'Liet ke control theo cac page cua GUI có multipage

Sub ListControlsByPageToWorkbook()

Dim wb As Workbook, ws As Worksheet

Dim frm As Object, controlDictionary As Object

Dim mltPage As multipage, ctrl As control

Dim ctrlType As Variant, i As Long, j As Long

Set controlDictionary = CreateObject("Scripting.Dictionary")

Set frm = fDT\_DauThau ' Change "fDT\_DauThau" to the name of your UserForm

Set mltPage = frm.mltDauThau ' Change "mltDauThau" to the name of your MultiPage control

Set wb = Workbooks.Add ' Create a new workbook

Set ws = wb.Sheets(1)

' Loop through each page of the MultiPage control

For i = 0 To mltPage.Pages.Count - 1

controlDictionary.RemoveAll ' Initialize control dictionary for each page

' Initialize control dictionary

controlDictionary.Add "CommandButton", ""

controlDictionary.Add "Label", ""

controlDictionary.Add "TextBox", ""

controlDictionary.Add "ComboBox", ""

controlDictionary.Add "ListBox", ""

controlDictionary.Add "OptionButton", ""

controlDictionary.Add "CheckBox", ""

controlDictionary.Add "ToggleButton", ""

controlDictionary.Add "Frame", ""

' Loop through controls on the current page

For Each ctrl In mltPage.Pages(i).Controls

Select Case TypeName(ctrl)

Case "CommandButton"

ctrlType = "CommandButton"

Case "Label"

ctrlType = "Label"

Case "TextBox"

ctrlType = "TextBox"

Case "ComboBox"

ctrlType = "ComboBox"

Case "ListBox"

ctrlType = "ListBox"

Case "OptionButton"

ctrlType = "OptionButton"

Case "CheckBox"

ctrlType = "CheckBox"

Case "ToggleButton"

ctrlType = "ToggleButton"

Case "Frame"

ctrlType = "Frame"

Case Else

ctrlType = "Unknown"

End Select

' Append control name to the appropriate collection

controlDictionary(ctrlType) = controlDictionary(ctrlType) & ctrl.Name & ","

Next ctrl

' Populate worksheet with control names by type for the current page

ws.Cells(1, i \* 3 + 1).value = "Page " & i + 1

ws.Cells(1, i \* 3 + 2).value = "Type of Control"

ws.Cells(1, i \* 3 + 3).value = "Name of Control"

Dim row As Long

row = 2

For Each ctrlType In controlDictionary.keys

Dim ctrlNames As Variant

ctrlNames = Split(controlDictionary(ctrlType), ",") ' Split control names into an array

For j = LBound(ctrlNames) To UBound(ctrlNames)

If ctrlNames(j) <> "" Then

ws.Cells(row, i \* 3 + 2).value = ctrlType

ws.Cells(row, i \* 3 + 3).value = ctrlNames(j)

row = row + 1

End If

Next j

Next ctrlType

Next i

ws.Columns("A:ZZ").AutoFit ' Autofit columns for better visibility

Set ws = Nothing

Set wb = Nothing

Set mltPage = Nothing

Set frm = Nothing

Set controlDictionary = Nothing

' Notify the user

MsgBox "Controls exported to the workbook successfully!", vbInformation

End Sub

### Liệt kê pivot table của các worksheet

'Liet ke pivot table cua cac ws

Sub ListPivotTables()

Dim ws As Worksheet

Dim pt As pivotTable

Dim ptCount As Integer

Dim wsName As String, msg As String

ptCount = 1

Debug.Print "- List of pivot table in the workbook " & ThisWorkbook.Name

' Loop through each worksheet in the workbook

msg = ""

For Each ws In ThisWorkbook.Worksheets

' Check if the worksheet has any PivotTables

If ws.PivotTables.Count > 0 Then

' Loop through each PivotTable in the worksheet

For Each pt In ws.PivotTables

wsName = ws.Name

Debug.Print " + PivotTable " & ptCount & ": " & pt.Name & " - worksheet: " & wsName

msg = msg & " + PivotTable " & ptCount & ": " & pt.Name & " - worksheet: " & wsName & vbNewLine

ptCount = ptCount + 1

Next pt

End If

Next ws

MsgBox msg

End Sub

### Tạo danh sách worksheet có chèn hyperlink

'------------------------

Sub TaoIndexWorksheet() 'Da chay

Dim ws As Worksheet, wsLink As Worksheet, linkRow As Long

Set wsLink = shMenu ' Set the worksheet where you want to create the links

linkRow = 2 ' Set the initial row for creating links

wsLink.Range("S2:S50").ClearContents ' Clear existing links (optional)

For Each ws In ThisWorkbook.Sheets ' Loop through all worksheets in the workbook

' Skip the worksheet where you are creating the links

If ws.Name <> wsLink.Name Then

' Create a hyperlink to the worksheet

wsLink.Hyperlinks.Add Anchor:=wsLink.Cells(linkRow, 19), Address:="", SubAddress:="'" & ws.Name & "'!A1", TextToDisplay:=ws.Name

linkRow = linkRow + 1

End If

Next ws

wsLink.Columns("S").AutoFit ' Adjust column width to fit the hyperlinks (optional)

Debug.Print "- Created index of worksheets in this workbook."

Set wsLink = Nothing

End Sub

### Hiển thị các thành phần của VBA project

' Hien thi cac thanh phan trong VBA project nhu Module, sheet, userform v.v.

Private Sub DisplayComponentVBAProject() 'Da chay

Dim VBComp As Object, VBProj As Object, moduleList As Object

Dim menuSheet As Worksheet

Dim compType As String

Dim moduleName As Variant

Dim startCell As Range, clearRange As Range

' Define the worksheet and starting cell

Set menuSheet = shMenu

Set startCell = menuSheet.Range("U1")

Set clearRange = menuSheet.Range(startCell, menuSheet.Cells(menuSheet.Rows.Count, startCell.Column).End(xlUp))

clearRange.Clear ' Clear the previous content

Set VBProj = ThisWorkbook.VBProject

Set moduleList = CreateObject("Scripting.Dictionary")

For Each VBComp In VBProj.VBComponents

Select Case VBComp.Type

Case 1

compType = "Standard Module"

Case 2

compType = "Class Module"

Case 3

compType = "UserForm"

Case 100

compType = "Document Module"

Case Else

compType = "Unknown Type"

End Select

If Not moduleList.Exists(compType) Then Set moduleList(compType) = New Collection

moduleList(compType).Add VBComp.Name

Next VBComp

' Output the grouped modules to the "Menu" worksheet

Dim key As Variant

For Each key In moduleList.keys

startCell.Interior.Color = vbCyan 'Boi mau

startCell.Font.Bold = True

startCell.value = key & " Modules:"

Dim moduleArray() As Variant

ReDim moduleArray(1 To moduleList(key).Count, 1 To 1)

Dim i As Integer

For i = 1 To moduleList(key).Count

moduleArray(i, 1) = moduleList(key)(i)

Next i

startCell.Offset(1, 0).Resize(moduleList(key).Count, 1).value = moduleArray

Set startCell = startCell.Offset(moduleList(key).Count + 1, 0)

Next key

Set menuSheet = Nothing

Set startCell = Nothing

Set clearRange = Nothing

Set VBProj = Nothing

Set moduleList = Nothing

Debug.Print "- Listed component of VBProject in current workbook."

shMenu.Activate

End Sub

### Liệt kê các hàm đã dung trong VBA project

' Select Microsoft Visual Basic for Applications Extensibility

Sub ListFunctionsInModules() 'Chua chay

Dim VBComp As Object, VBProj As Object ' Use Object type to handle errors gracefully

Dim CodeMod As Object ' Use Object type to handle errors gracefully

Dim LineNum As Long

Dim ProcName As String

' Set reference to the active workbook

Set VBProj = ThisWorkbook.VBProject

On Error Resume Next ' Skip over any errors

' Loop through each VBComponent in the worksheet

For Each VBComp In VBProj.VBComponents

Debug.Print VBComp.Name

On Error GoTo 0 ' Turn off error handling

' Check if the component is a module

If VBComp.Type = 1 Or VBComp.Type = 2 Then ' 1 for Standard Module, 2 for Class Module

Set CodeMod = VBComp.CodeModule

' Loop through each line of code in the module

For LineNum = 1 To CodeMod.CountOfLines

ProcName = CodeMod.ProcOfLine(LineNum, vbext\_pk\_Proc)

' Check if the line is a function definition

If Left(ProcName, 8) = "Function" Then

' Extract function name

ProcName = Trim(Mid(ProcName, 10, InStr(10, ProcName, "(") - 10))

' Print function name

Debug.Print "Module: " & VBComp.Name & ", Function: " & ProcName

End If

Next LineNum

End If

Next VBComp

End Sub

Private Sub testCopyRange()

Dim wsImpName As String, copyRange As Range, srcWsName As String, checkRange As Range

Dim firstColStr As String, lastColStr As String, firstRow As Byte, CheckColDupli As String, firstColSrc As String

wsImpName = "DL\_HH"

srcWsName = "DL\_HH"

firstColStr = "A"

lastColStr = "K"

firstRow = 2

CheckColDupli = "B"

firstColSrc = "A"

ps\_ImportFileToDLGoc wsImpName, firstColStr, lastColStr, firstRow, srcWsName, CheckColDupli, firstColSrc

End Sub

'

## Làm việc với dữ liệu

Option Explicit

'Lien quan toi du lieu goc và du lieu input: Import, export

### Import dữ liệu từ bảng excel

'Import du lieu nhap vao CSDL hang hoa goc

'Du lieu cu duoc backup up, du lieu moi them vao duoc kiem tra xem co trung lap khong

Sub ps\_ImportFileToDLGoc(wsImpName As String, firstColStr As String, lastColStr As String, \_

firstRow As Byte, srcWsName As String, CheckColDupli As String, firstColSrc As String)

Application.ScreenUpdating = False

Dim newWb As Workbook, srcWb As Workbook, importWb As Workbook, srcWs As Worksheet, importWs As Worksheet

Dim cell As Range, foundCell As Range, copyRange As Range, checkRange As Range

Dim fileImpPath As String, msg As String, lastImpRow As Long, lastRscRow As Long

' Backup du lieu hang hoa goc truoc khi copy du lieu moi vao

Set srcWb = ThisWorkbook ' Set source and create new workbook

Set srcWs = srcWb.Sheets(srcWsName) ' Set destination worksheet

Set newWb = Workbooks.Add ' backup wb

srcWs.Copy After:=newWb.Sheets(1)

newWb.SaveAs srcWb.Path & "\Backup\_PhanMemDauThau" & srcWsName & "-" & Format(Now, "yymmdd-hhmm") & ".xlsx"

newWb.Close True

Set newWb = Nothing

Application.CutCopyMode = False ' Clear clipboard

' Open import workbook using file dialog

With Application.fileDialog(msoFileDialogFilePicker)

.InitialFileName = srcWb.Path & "\Mod\_Import"

.Filters.Clear

.Filters.Add "Excel Files", "\*.xlsx"

.AllowMultiSelect = False

If .Show = -1 Then ' If user selects a file

'File excel import

fileImpPath = .SelectedItems(1)

Set importWb = Workbooks.Open(fileImpPath) 'Set import wb

Set importWs = importWb.Sheets(wsImpName) 'Set import ws

lastImpRow = importWs.Range(firstColStr & importWs.Rows.Count).End(xlUp).row 'Dong cuoi cung

Set copyRange = importWs.Range(Range(firstColStr & firstRow), Range(lastColStr & lastImpRow)) 'Copy tu file import

'file inputdata| duoc import

lastRscRow = srcWs.Range(firstColSrc & srcWs.Rows.Count).End(xlUp).row 'Dong cuoi cung

Set checkRange = srcWs.Range(CheckColDupli & 3, CheckColDupli & lastRscRow) 'Check ma trung trong file DLG

'Loop through each cell in copyRange of srcWs

msg = ""

For Each cell In copyRange.Columns(CheckColDupli).Cells ' Check column B: ma quan ly noi bo

Set foundCell = checkRange.Find(cell.value, LookIn:=xlValues, LookAt:=xlWhole)

If Not foundCell Is Nothing Then ' Find the value in checkRange

cell.Interior.Color = RGB(255, 0, 0) ' highlight the cell

msg = msg & "Hàng du lieu bi trùng: " & cell.Rows & vbNewLine

End If

Next cell

' Copy data if no duplicate is found (msg="")

If msg = "" Then

srcWs.Range(firstColSrc & lastRscRow + 1).Resize(copyRange.Rows.Count, copyRange.Columns.Count).value = copyRange.value 'Ham resize hay

MsgBox "Import thanh cong du lieu tu file excel: " & fileImpPath

importWb.Close False

Else

MsgBox msg

Exit Sub

End If

End If

End With

Set foundCell = Nothing

Set checkRange = Nothing

Set copyRange = Nothing

Set srcWs = Nothing

Set srcWb = Nothing

Set importWs = Nothing

Set importWb = Nothing

Application.ScreenUpdating = True

End Sub

## Cài đặt Config

Option Explicit

'Loai du lieu: lien quan toi ca phan mem nhu Open, Backup, set duong dan, dieu huong, mo file, an/hien sheet

'=================SETTING=========================

### Cài đặt đường dẫn, tên file

Public Const cfgMsgTitle As String = "Phan mem ho tro dau thau" 'Title cho msgbox

'Duong dan phan mem

Public Function cfgWbPathPhanMem() As String

cfgWbPathPhanMem = ThisWorkbook.Path

End Function

'Ten phan mem

Public Function cfgWbNamePhanMem() As String

cfgWbNamePhanMem = ThisWorkbook.Name

End Function

### Mở phần mềm và các module chức năng

'====== OPEN PHAN MEM DAU THAU ===============

Sub PMDauThau\_Open()

Dim FilePath As String

Debug.Print "- Open phan mem dau thau"

FilePath = cfgWbPathPhanMem & "\" & cfgWbNamePhanMem 'call tu module mDT\_config

ps\_OpenExcelWithoutSecurity FilePath 'call subroutine

End Sub

'Mo file excel ma khong bi hoi ve bao mat

Sub ps\_OpenExcelWithoutSecurity(FilePath As String)

Application.AutomationSecurity = msoAutomationSecurityLow ' Set the Automation Security to enable macros

Workbooks.Open FileName:=FilePath ' Open the .xlsm file

Application.AutomationSecurity = msoAutomationSecurityByUI ' Reset the Automation Security to the original level

Debug.Print "- Opened file: " & FilePath

End Sub

Sub showFormMain() 'Mo giao dien chinh

fDT\_Main.Show

End Sub

Sub showFormNhapKho() 'Mo form nhap kho

fDT\_Nhapkho.Show

End Sub

Sub showFormXuatKho() 'Mo form xuat kho

fDT\_XuatKho.Show

End Sub

Sub showFormDuToan() 'Mo form Du toan

fDT\_DuToan.Show

End Sub

Sub showFormDauThau() 'Mo form Dau thau

fDT\_DauThau.Show

End Sub

Sub showFormTraCuu() 'Mo form Tra cuu

fDT\_TraCuu.Show

End Sub

### Xem báo cáo sử dụng ngày công

'====== DIEU HUONG CAC USERFORM ========

'Xem báo cáo su dung ngay cong

Sub showBCBangCongTong()

Dim folderPath As String, FileName As String, wb As Workbook

folderPath = shConfig.Range("B5") & "\5. ChamCong"

FileName = "BangCongTong\_View.xlsm"

' Check if the workbook exists in the folder

If Dir(folderPath & "\" & FileName) <> "" Then

Set wb = Workbooks.Open(folderPath & "\" & FileName)

Else

MsgBox "Workbook not found in the specified folder."

End If

End Sub

### Xem bảng công tổng

'Xem bang cong tong binary

Sub showBangCongTongBinary()

Dim folderPath As String, FileName As String, wb As Workbook

folderPath = shConfig.Range("B5") & "\5. ChamCong"

FileName = "BangCongTong.xlsb"

' Check if the workbook exists in the folder

If Dir(folderPath & "\" & FileName) <> "" Then

Set wb = Workbooks.Open(folderPath & "\" & FileName)

Else

MsgBox "Workbook not found in the specified folder."

End If

End Sub

'=========== backup file PhanMemDauThau.xlsm====================

### Backup phần mềm

' dung voi subroutine ps\_SaveCopyAFile va ps\_CheckAndCreateFolder

Sub PMDauThau\_Backup()

Dim sourceFilePath As String, destinationFolderPath As String

'Check if destinationFolderPath exist

destinationFolderPath = ThisWorkbook.Path & "\Backup\_PhanMemDauThau" ' Specify the folder where you want to save the copy

ps\_CheckAndCreateFolder destinationFolderPath

' Save a copy of the .xlsm file with the new name

sourceFilePath = ThisWorkbook.Path & "\" & ThisWorkbook.Name ' Get the path of the current .xlsm file

' Generate the destination file name using the current date

ps\_SaveCopyAFileAsTime sourceFilePath, destinationFolderPath, cfgWbNamePhanMem

MsgBox "Da sao luu Phan mem dau thau tai vi tri: " & destinationFolderPath

End Sub

'Check if destination folder exists, if not create one

'Dung cho sub TaoFolderChamCongMoi

Sub ps\_CheckAndCreateFolder(destinationFolderPath As String)

If Dir(destinationFolderPath, vbDirectory) = "" Then

MkDir destinationFolderPath

Debug.Print " + Created folder: " & destinationFolderPath

End If

End Sub

'Dung kem voi sub backup file

'Luu dang copy voi ten file duoc them phan ghi ngay, gio

Sub ps\_SaveCopyAFileAsTime(sourceFilePath As String, destinationFolderPath As String, FileName As String)

Dim destinationFileName As String

' Generate the destination file name using the current date

destinationFileName = Left(FileName, Len(FileName) - 5) & "\_" & Format(Date, "yymmdd") & "-" & Format(Now, "hhmmss") & ".xlsm"

' Save a copy of the .xlsm file with the new name (full destination path)

ThisWorkbook.SaveCopyAs destinationFolderPath & "\" & destinationFileName

Debug.Print " + Backup file: " & destinationFolderPath & "\" & destinationFileName

End Sub

Function f\_CheckFolderExist(folderPath As String) As Boolean

If Dir(folderPath, vbDirectory) = "" Then

f\_CheckFolderExist = False

MsgBox "Duong dan sau khong ton tai: " & folderPath

Else

f\_CheckFolderExist = True

End If

End Function

'=================| PROJECT |==========================

## Quản lý name range

'Cap nhat name range

Sub ps\_DeleteAndReAsignRange(ws As Worksheet, RngName As String, firstColStr As String, firstRowNum As Byte, lastColStr As String)

Dim oldNamedRange As Variant, lr As Long

lr = TimDongCuoiCuaSheet(ws, firstColStr)

On Error Resume Next

oldNamedRange = ThisWorkbook.Names(RngName).RefersToRange ' Check if the old named range exists

' Debug.Print "Old range " & Range(RngName).Rows.Count

On Error GoTo 0

If Not IsEmpty(oldNamedRange) Then

ThisWorkbook.Names(RngName).Delete ' Delete it

' Debug.Print "Delete"

End If

' Create new name range

ThisWorkbook.Names.Add Name:=RngName, RefersTo:=ws.Range(firstColStr & firstRowNum, lastColStr & lr)

' Debug.Print " + Updated name range " & RngName & " last row: " & Range(RngName).Rows.Count

End Sub

'Sub testRng()

' ps\_DeleteAndReAsignRange shChiTietKP, "ChiTietKP\_DuToan", "A", 3, "R"

'End Sub

'===================| Active 3 thu vien Excel, Word va Scripting Runtime |===================

Sub Active4Library()

ActivateWordLibrary

ActivateScriptingRuntime

ActivateExcelLibrary

' ActivateXMLLibrary

Debug.Print "Da active 4 thu vien Word, Excel, XMLL va Scripting Runtime"

End Sub

## Active các thư viện cần thiết

' Lib Word

Private Sub ActivateWordLibrary()

' Add reference to Microsoft Word library if not already added

If Not IsReferenceExist("Word") Then ThisWorkbook.VBProject.References.AddFromGuid \_

GUID:="{00020905-0000-0000-C000-000000000046}", Major:=6, Minor:=0

ActivateReferenceByName "Word" ' Activate the Microsoft Word library

End Sub

' Lib ScriptingRuntime

Private Sub ActivateScriptingRuntime()

If Not IsReferenceExist("Scripting") Then ThisWorkbook.VBProject.References.AddFromGuid \_

GUID:="{420B2830-E718-11CF-893D-00A0C9054228}", Major:=1, Minor:=0

ActivateReferenceByName "Scripting" ' Activate the Microsoft Scripting Runtime library

End Sub

'Lib MS Excel

Private Sub ActivateExcelLibrary()

If Not IsReferenceExist("Excel") Then ThisWorkbook.VBProject.References.AddFromGuid \_

GUID:="{00020813-0000-0000-C000-000000000046}", Major:=1, Minor:=0

ActivateReferenceByName "Excel" ' Activate the Microsoft Excel library

End Sub

'Active lib Microsoft XML library

Sub ActivateXMLLibrary()

If Not IsReferenceExist("MSXML6") Then ThisWorkbook.VBProject.References.AddFromGuid \_

GUID:="{F5078F18-C551-11D3-89B9-0000F81FE221}", Major:=6, Minor:=0

ActivateReferenceByName "MSXML6" ' Activate the Microsoft XML library

End Sub

'\*\*\*\*\*\*\* subroutine

'Kiem tra neu thu vien ton tai

Private Function IsReferenceExist(ByVal refName As String) As Boolean

Dim ref As Object

For Each ref In ThisWorkbook.VBProject.References

If ref.Name = refName Then

IsReferenceExist = True

Exit Function

End If

Next ref

IsReferenceExist = False

End Function

'Subroutine active thu vien

Private Sub ActivateReferenceByName(ByVal refName As String)

Dim ref As Object

For Each ref In ThisWorkbook.VBProject.References

If ref.Name = refName Then

Exit Sub ' No need to set IsBroken property, if reference is found, it's considered not broken

End If

Next ref

MsgBox "Reference (library) '" & refName & "' not found!", vbExclamation

End Sub