'Load data from stored roster (excel) into roster editor window's combo-boxes

Private Sub loadRoster

    If fileName excel file exists

        Open Excel Application

        Open fileName Workbook

        Open primary Worksheet

        for each day of the week

            for each staff box in form 'six staff boxes

                load data into combination boxes

            End For

        End For

        close files

    Else

        Display "no roster to load" message

    End If

End Sub

'store data from roster editor combo-boxes into excel file for sending/suggesting

Private Sub saveRoster

    initialise Excel object

    If excel is installed

        Create Workbook

        Open primary Worksheet

        for each day of the week

            for each staff box in roster 'MAXSTAFF

                transfer data between combination boxes and file

            End For

        End For

        set font size = 14

        if this file is to be sent and archived

            'add header

            insert two new rows at the top

            add header to first row

            add days of the week to second rows

            find all names in cells and colour the text to match

            save file to archive folder in home directory

            if roster within same week exists then

                delete old copy

            end If

            export a PDF copy to home directory

        Else

            save excel file to home directory

        end if

        close files

    Else

        Display "excel not installed" message

    End If

End Sub

'close excel files--release sheets/books/apps

'Author: Net-informations.com

'Source: http://vb.net-informations.com/excel-2007/vb.net\_excel\_2007\_create\_file.htm

'Modifications: None.

Public Sub releaseObject

release object

set object to Nothing

Call built-in garbage collection routine

End Sub

'change colour of combobox to employee colour code when an employee is selected

Private Sub when an employee is selected in combobox

comboBox text colour = stored employee colour

End Sub

'Close the entire application after checking user wants to quit without sending

Private Sub when Close All button is pressed

if rosterSent = false then

ask user if they want to quit without sending

if they do then

Close SHIFTDATA file

protect EMPLOYEEDATA workbook using MASTERKEY

close EMPLOYEEDATA file

close entire application

end if

else

close entire application

end if

End Sub

'Change PIN (if can verify old PIN) and save new PIN to memory and file

Private Sub when edit PIN button is pressed

    pinTry = inputBox 'verify existing password

    pinReal = user PIN in spreadsheet

    If pinTry = pinReal Then

        pinNew = inputBox 'get new password

        pinRedo = inputBox 're-enter new password

        While pinNew <> pinRedo 'passwords dont match

            pinNew = inputBox 'get new password

            pinRedo = inputBox 're-enter new password

        End While

        If pinNew = pinRedo

            set new password (write it to sheet)

            show success message

        Else

            show failed message

        End If

    Else

        show incorrect message

    End If

End Sub

'Load employee and shift data and enable/disable functions and UI elements depending on what user is logged-on

Private Sub when main form loads

    sendAbility = true

rosterSent = false

    'show/hide neccessary elements

    if userGroup = 2

        hide function buttons that shouldnt be accessed by this user

        if roster not archived within this week then

            hide send roster button

            sendAbility = false

        end if

    else

        if ROSTERSUGGESTED exists then

            enable ability to load suggested roster

        end if

    end if

    add combo-boxes to 2D collection of objects

    if EMPLOYEEDATA exists then

        Open Excel Application

        Open EMPLOYEEDATA Workbook

        Open primary Worksheet

        Unprotect workbook using MASTERKEY

        'load in data from database

        for each record in file

            add data to internal record structure

        end for

        'leave file open for use in data-editing forms

        close files

    else

        Create Workbook

        Open primary Worksheet

    end if

    if SHIFTDATA exists then

        Open Excel Application

        Open SHIFTDATA Workbook

        Open primary Worksheet

        'load in data from database

        for each record in file

            add to shifts record structure

        end for

        'leave file open for use in Shift form

    end if

End Sub

'load previous roster data into comboboxes for editing

Private Sub when Load Last Roster button is clicked

load last weeks roster using loadRoster subroutine

End Sub

'load suggested roster data into comboboxes for editing

Private Sub when load suggested roster button is clicked

load ROSTERSUGGESTED using rosterLoad subroutine

End Sub

'if allowed, send roster to all employees via email, present summary of this process and offer to close entire app

Private Sub when send roster button is clicked

if sendAbility = true then

save roster to archive and save as PDF

for each employee in database

'send email to each

'Author: M.V.Rajasekhar

'Source: http://www.freevbcode.com/ShowCode.asp?ID=5486

'Modifications: Removed some parameters and modified attachment line.

With email

set sent from = OWNEREMAIL

set subject and message contents

set send to = employee email

attach PDF roster file to email

End With

If smtpServer exists Then

send email via smtp

end if

call send email built-in function

end for

rosterSent = true

Delete file ROSTERSUGGESTED

display summary message box (with option to close program)

if chosen to close then

Close SHIFTDATA file

protect EMPLOYEEDATA workbook using MASTERKEY

close EMPLOYEEDATA file

close entire application

end if

else

show error message

end if

end sub

'save suggested roster to file for recall by owner user

Private Sub when suggest roster button is clicked

save suggested roster to file using saveRoster subroutine

End Sub