'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