'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: dictObjectProperties

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function fn\_CreateObjectDescription(dictObjectProperties)

Set objDesc = Description.Create

Do while(dictObjectProperties.Exists("Property\_" + i <> "" ))

objDesc(dictObjectProperties.Keys("Property\_" + i)).value = dictObjectProperties.Items("Property\_" + i)

i = i + 1

Loop

set fn\_CreateObjectDescription = objDesc

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject

' strParent

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function fn\_FindObjectInParent(strObject, strParent)

Set oParent = strParent

Set objCollection= oParent.ChildObjects(strObject)

objFound = objCollection.Count

If objFound = 1 Then 'unique object found withing the parent

Set fn\_FindObjectInParent = obj\_Collection(0)

ElseIf i\_objFound > 1 Then 'more than one object found in the parent, then use ordinal identifiers

Set fn\_FindObjectInParent = obj\_Collection(arr\_ordinalIdentifier(1))

Else ' Object not Uniquely identified

ExitTest

End If

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject -

' strParent -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function fn\_FetchObjectProperties(strObject, strParent)

'Fetch Object's Properties from OR Excel

Set objKW = new Connections

objKW.fnConnectToXL(ORPath)

strQuery = "Select \* from [$Object Repository] where [Object's Logical Name]= """ & strObject & """ and [Object's Logical Name]= """ & strParent & """"

Set objRs = objKW.fnExecuteQuery(strQuery)

'Create Global Dictionary Object

Set dictProperties = CreateObject("Scripting.Dictionary")

dictProperties.removeAll

'Read all the Key/value pair and store in dictionary

Do Until objRs.EOF

For each oField in objRs.Fields

If NOT dictProperties.Exists(oField.Name) Then

dictProperties.Add oField.Name, oField.Value

End If

Next

objRs.MoveNext

Loop

If not (dictProperties.Count > 0) Then

'The object properties were not find in OR Sheet

ExitTest

Else

fn\_FetchObjectProperties = True

End If

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: TS\_Name

' Function\_Name

' TC\_Step\_Id

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function fn\_TakeScreenshot(TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width)

strTSExecutionReport = GlobalDictionary("ExecutionLogsPath") + "ExecutionReports\TestResult\_" + GlobalDictionary("currentDate") + "\" + TS\_Name

Set oFSO = CreateObject("Scripting.FileSystemObject")

If Not oFSO.FolderExists(strTSExecutionReport) Then

oFSO.CreateFolder strTSExecutionReport

End If

ScreenShotName = TC\_Name & "\_" & Function\_Name & "\_Step\_" & TC\_Step\_Id & ".png"

ssPath = strTSExecutionReport & "\" & ScreenShotName

Desktop.CaptureBitmap ssPath, True

DrawRectangle ssPath, abs\_X, abs\_Y, width, height, "RED"

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: TS\_Name

' Function\_Name

' TC\_Step\_Id

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Function DrawRectangle(ByVal strImagePath,ByVal inX,ByVal inY,ByVal inHeight,ByVal inWidth,ByVal strColor)

Dim oPens,oGraphics,oImage,oBitmap,oRect,oFile

Set oImage=DotNetFactory.CreateInstance("System.Drawing.Image","System.Drawing")

Set oGraphics=DotNetFactory.CreateInstance("System.Drawing.Graphics","System.Drawing")

Set oRect=DotNetFactory.CreateInstance("System.Drawing.Rectangle","System.Drawing",inX,inY,inHeight,inWidth)

Set oPens=DotNetFactory.CreateInstance("System.Drawing.Pens","System.Drawing")

Set oFile=DotNetFactory.CreateInstance("System.IO.File","")

Set oImage=oImage.FromFile(strImagePath)

Set oBitmap=DotNetFactory.CreateInstance("System.Drawing.Bitmap","System.Drawing",oImage)

Set oGraphics = oGraphics.FromImage(oBitmap)

Execute "oGraphics.DrawRectangle oPens." & strColor & ", oRect"

oImage.Dispose

oFile.Delete(strImagePath)

oBitmap.Save(strImagePath)

Set oPens=Nothing

Set oGraphics=Nothing

Set oImage=Nothing

Set oFile=Nothing

Set oBitmap=Nothing

Set oRect=Nothing

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: dictObjectProperties

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function fn\_createObjects(strObject)

Dim obj

Execute("Set obj = " & strObject)

set fn\_createObjects = obj

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: dictObjectProperties

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 6/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Function fn\_randomString(lenOfNo)

Dim str

Const LETTERS = "abcdefghijklmnopqrstuvwxyz0123456789"

For i = 1 to lenOfNo

str = str & Mid( LETTERS, RandomNumber( 1, Len( LETTERS ) ), 1 )

Next

fn\_randomString = UCase(str)

End Function