**Steps to create the QTP Automation**

1. **Create the root folder for containing all the directory folders**
2. **Create the folder for containing the script**

Add the basic script to just open the Rxl Base -

Function OpenLoginForm()

' ===============For opening the Application Path =================

Systemutil.Run"C:\Program Files\Retail Excel\Base\Rxlbase"

'===============For creating the objects of Login Form =============

Dim LoginForm

Set LoginForm = Description.Create()

LoginForm("Class Name").Value = "VbWindow"

LoginForm("text").Value = "Retail Excel"

LoginForm("vbname").Value = "frmLogin"

Dim UserName

Set UserName = Description.Create()

UserName("Class Name").Value = "vbEdit"

UserName("vbname").Value = "txtUser"

Dim Password

Set Password = Description.Create()

Password("Class Name").Value = "vbEdit"

Password("vbname").Value = "txtPassword"

Dim LoginOk

Set LoginOk = Description.Create()

LoginOk("Class Name").Value = "vbButton"

LoginOk("vbname").Value = "cmdOk"

LoginOk("text").Value = "&Ok"

Dim LoginCancel

Set LoginCancel = Description.Create()

LoginCancel("Class Name").Value = "vbButton"

LoginCancel("vbname").Value = "cmdCancel"

LoginCancel("text").Value = "&Cancel"

'====================For setting the values in the Login form==============================

VbWindow(LoginForm).vbEdit(UserName).Set "administrator"

VbWindow(LoginForm).vbEdit(Password).Set "rdt"

VbWindow(LoginForm).vbButton(LoginOk).Click

'===================================================================================

End Function

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Save the script file with the same name as function name, ex. openLoginForm

1. **create the driver folder -> driver file**

Write the Code in QTP and save it in the application root folder-

Dim rowCount

Dim strKeyword

Dim strScriptName

DataTable.AddSheet("ControlFile")

DataTable.ImportSheet "C:\QTP\ControlFile\ControlFile.xls","ControlFile","ControlFile"

rowCount = DataTable.GetSheet ("ControlFile").GetRowCount

For i = 1 to rowCount

DataTable.GetCurrentRow(i)

strKeyword = DataTable.Value("Keyword","ControlFile")

strScriptName = DataTable.Value("ScriptName","ControlFile")

If Ucase(strKeyword = "YES") Then

Execute ScriptName &"()"

End If

Next

Keeping the DriverFile open in QTP – goto step -4

1. **Create the InitailFile Folder-> InitailFile**

Open File->Settings->Resources

1. Add the Script in Scripts folder as the resource here.

2. Click the Apply button.

3. Switch to Properties tab and click the Generate Script button and save the script in InitailFile Folder

1. **Edit the Initial File**

Basic code of initial file -

Dim App 'As Application

Set App = CreateObject("QuickTest.Application")

App.Launch

App.Visible = True

App.open "C:\QTP\DriverFile",false

'Set qtRepositories = App.Test.Actions("DriverFile").ObjectRepositories

'If qtRepositories.find("C:\Automation\ObjectRepository\ObjectRepository.tsr") = -1 Then

'qtRepositories.Add "C:\Automation\ObjectRepository\ObjectRepository.tsr",1

'End If

App.Test.Settings.Launchers("Web").Active = False

App.Test.Settings.Launchers("Web").Browser = "IE"

App.Test.Settings.Launchers("Web").Address = "http://facebook.com "

App.Test.Settings.Launchers("Web").CloseOnExit = True

App.Test.Settings.Launchers("Windows Applications").Active = False

App.Test.Settings.Launchers("Windows Applications").Applications.RemoveAll

App.Test.Settings.Launchers("Windows Applications").RecordOnQTDescendants = True

App.Test.Settings.Launchers("Windows Applications").RecordOnExplorerDescendants = False

App.Test.Settings.Launchers("Windows Applications").RecordOnSpecifiedApplications = True

App.Test.Settings.Run.IterationMode = "rngAll"

App.Test.Settings.Run.StartIteration = 1

App.Test.Settings.Run.EndIteration = 1

App.Test.Settings.Run.ObjectSyncTimeOut = 20000

App.Test.Settings.Run.DisableSmartIdentification = False

App.Test.Settings.Run.OnError = "Dialog"

App.Test.Settings.Resources.DataTablePath = "<Default>"

App.Test.Settings.Resources.Libraries.RemoveAll

App.Test.Settings.Resources.Libraries.Add("C:\QTP\Script\OpenLoginForm.vbs")

App.Test.Settings.Web.BrowserNavigationTimeout = 60000

App.Test.Settings.Web.ActiveScreenAccess.UserName = ""

App.Test.Settings.Web.ActiveScreenAccess.Password = ""

Set qtResultsopt = CreateObject("QuickTest.RunResultsoptions")

qtResultsopt.ResultsLocation = "C:\QTP\Results\Res1"

App.test.Run qtResultsopt

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Here notice the line –

App.Test.Settings.Resources.Libraries.Add("C:\QTP\Script\OpenLoginForm.vbs")

This line is providing the reference to the script to be to be added as resource for executing.