Test Results folder has 3 subfolders:

-Test Results PDFs,

-Test Result Program,

-test Result VS Project,

PDFs contain pdf files that describe how to use the program.

Test Result Program contains the program itself, with the setup.exe and resources. That's where the project should be published.

Test result VS Project contains the source code. It's a Visual Basic Community 2017 Visual Basic .NET Project. In order to modify the program , you have to open the project in Visual Studio(the *.sln file).

When you go deeper into the project, you will find resources and templates folders, along with all the forms (*.vb files). Templates folder holds the templates used in the project, resources hold all images etc.

Test Results code is composed of 2 parts:

-VB.NET code used for opening a form where the User chooses template, settings and result path. It also opens the Template and runs the macro written in VBA.

-VBA macro in Excel that takes data transferred from VB.NET application and uses it to open test results and display them on the sheets.

Adding new Templates to VB.NET application:

-Open the Project in Visual Studio,

-In FormMain.vb add button, description etc,

-Create new Form for that template:

Project>Add New Item>WindowsForm(change name to something like formTemplateName, for example FormShowTime)

-Create buttons for choosing settings new template requires

(some buttons and their code can be copied from other forms, mainly BtnFolder, code for moving the form).

-Based on other forms add a sub that opens chosen template and runs a macro that processes the settings and starts the macro for displaying results (usually STARTNET that runs InputData01).

Base of template opening sub:

```
Private Sub OpenExcelSheet()
        'After pressing Start It checks if all settings are chosen
        If (Some setting is missing) Then
            MsgBox("Incomplete Settings!!")
        ElseIf CalculateResults() = 0 Then  'If there are no results for chosen
settings it gives an error message
            MsgBox("0 Results for chosen settings”)
        Else    'If all settings are chosen and there are results:
            FormMain.Close
             Dim ResourcePath As String = My.Application.Info.DirectoryPath &
             System.IO.Path.DirectorySeparatorChar & "Templates\NewTemplate.xlsm"
            Dim objApp As Object
            Me.Hide()
            objApp = CreateObject("Excel.Application")
            objApp.Workbooks.Open(ResourcePath)
            objApp.visible = True
            objApp.Run("VBAMacro", Path, DPU, otherSetting)
            Me.Close()
        End If
    End Sub
```

This code is more detailed and commented in **Showtime.vb**

-Add template:

Project>TestResults properties>Resources>Add existing item>Browse for template(should be put in Test results Project “Templates” subfolder

Adding new Templates – VBA part:

-In order to work with the VB.NET application, the template needs couple of things:

**A sub for displaying data on the chart(usually InputData01)*

**A sub that gets called by VB.NET application. It receives settings Variables, saves them in VBA variables and calls InputData sub(or whatever you named it). Usually this sub is called STARTNET*

-Prepared charts and reference area for the data to be transferred to by the InputData sub

Test Results program has been created using Visual Studio 2017 Community edition and Excel 2010
Remember to reference Microsoft Excel object library for opening Excel workbook