**CODING MODUL 2**

Sub GenerateQRCode()

On Error GoTo EXCELVBA

Dim xHttp: Set xHttp = CreateObject("Microsoft.XMLHTTP")

Dim bStrm: Set bStrm = CreateObject("Adodb.Stream")

Dim Size: Size = 250

Dim QR, Name, val

Dim Invalid: Invalid = "\/:\*?" & """" & "<>|"

For Each val In Selection

Name = Sheet1.P\_Id.Value

For intChar = 1 To Len(Name)

If InStr(Invalid, LCase(Mid(Name, intChar, 1))) > 0 Then

MsgBox "The file: " & vbCrLf & """" & Name & """" & vbCrLf & vbCrLf & " is invalid!"

Exit Sub

End If

Next

QR = "http://chart.googleapis.com/chart?chs=" & Size & "x" & Size & "&cht=qr&chl=" & Name

xHttp.Open "GET", QR, False

xHttp.Send

With bStrm

.Type = 1

.Open

.write xHttp.responseBody

.savetofile ThisWorkbook.Path & "\QRCODE\" & Application.PathSeparator & Name & ".png", 2

.Close

End With

Next

Exit Sub

EXCELVBA:

Call MsgBox("Dibutuhkan koneksi internet untuk Generate QR Code", vbInformation, "Internet Connection")

End Sub

Sub GetQRCode()

On Error GoTo EXCELVBA

If Sheet1.P\_Id.Value = "" Then

With ActiveSheet.Shapes.Range(Array("QRKODE")).Fill

.Visible = msoTrue

.ForeColor.ObjectThemeColor = msoThemeColorBackground1

.ForeColor.TintAndShade = 0

.ForeColor.Brightness = 0

.Transparency = 0

.Solid

End With

Call MsgBox("Harap isi terlebih dahulu ID Barang", vbInformation, "Id Barang")

Else

Call GenerateQRCode

Sheet1.QRCODELINK.Value = ThisWorkbook.Path & "\QRCODE\" & Sheet1.P\_Id.Value & ".png"

Sheet1.Shapes.Range(Array("QRKODE")).Fill.UserPicture CStr(Sheet1.QRCODELINK.Value)

End If

Exit Sub

EXCELVBA:

Call MsgBox("QR Code tidak dapat dibuat", vbInformation, "Internet Connection")

End Sub

Sub ClearQRCode()

Sheet1.Unprotect

With Sheet1.Shapes.Range(Array("QRKODE")).Fill

.Visible = msoTrue

.ForeColor.ObjectThemeColor = msoThemeColorBackground1

.ForeColor.TintAndShade = 0

.ForeColor.Brightness = 0

.Transparency = 0

.Solid

End With

With Sheet1.Shapes.Range(Array("qrcode2")).Fill

.Visible = msoTrue

.ForeColor.ObjectThemeColor = msoThemeColorBackground1

.ForeColor.TintAndShade = 0

.ForeColor.Brightness = 0

.Transparency = 0

.Solid

End With

Sheet1.Protect

End Sub