Public Class Form1

Private StrengthWords() As String = {"Invalid", "Very Weak", "Weak", "Better", "Medium", "Strong", "Perfect"}

Private Sub TextBox1\_TextChanged(sender As Object, e As EventArgs) Handles txtpwd.TextChanged

End Sub

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

End Sub

Sub CalculateMeter()

Dim score As Integer

Dim password As String = txtpwd.Text

If (password.Length > 6) Then score += 1 'Length more than 6

If System.Text.RegularExpressions.Regex.IsMatch(password, "[a-z]") And

System.Text.RegularExpressions.Regex.IsMatch(password, "[A-Z]") Then

score += 1 'upper and lower case

End If

If System.Text.RegularExpressions.Regex.IsMatch(password, "\d+") Then

score += 1 'number

End If

If System.Text.RegularExpressions.Regex.IsMatch(password, "[,!,@,#,$,%,^,&,\*,?,\_,~,-,/,"",]") Then

score += 1 'special character

End If

If (password.Length >= 10) Then score += 1 'length more than 9

If (password.Length > 15) Then score += 1 'length more than 15

PbStrength.Value = score / 6 \* 100 'finding percentage to increase

lblProgressbar.Width = 50 \* score 'label width is not auto so setting it to show color amount

lblProgressbar.Text = StrengthWords(score) 'Getting strength word from string array declared above

lblProgressbar.TextAlign = ContentAlignment.MiddleCenter 'aligning to center can be done one time in design

lblProgressbar.BackColor = GetColor(score) 'Getting color and setting

PbStrength.ForeColor = GetColor(score) 'does not work unless you disable Visual Styles from application properties

End Sub

Private Function GetColor(ByVal score As Integer) As Color

Select Case score

Case 0

Return Color.Red

Case 1

Return Color.Red

Case 2

Return Color.Purple

Case 3

Return Color.LightGreen

Case 4

Return Color.MediumSeaGreen

Case 5

Return Color.Green

Case 6

Return Color.DarkGreen

End Select

End Function

Private Sub txtPwd\_KeyUp(ByVal sender As System.Object, ByVal e As System.Windows.Forms.KeyEventArgs) Handles txtpwd.KeyUp

CalculateMeter()

End Sub

End Class