**SOURCE CODE LISTING**

1. **LOGIN MODULE**

//Form1 source code that is connected to mysql database.

Imports MySql.Data.MySqlClient

Public Class Form1

Dim conn As New MySqlConnection

Dim sql As MySqlCommand

Public Sub connect()

Dim dbname As String = "netsec2"

Dim server As String = "localhost"

Dim username As String = "root"

Dim password As String = ""

If Not conn Is Nothing Then conn.Close()

conn.ConnectionString = String.Format("server={0}; user id={1}; password={2}; database={3}; pooling=False", server, username, password, dbname)

Dim dbreader As MySqlDataReader

Try

conn.Open()

Dim Query As String

Query = "select \* from admin where AdminNum ='" & TextBox1.Text & "' "

sql = New MySqlCommand(Query, conn)

dbreader = sql.ExecuteReader

Dim count As Integer

count = 0

While dbreader.Read

count = count + 1

End While

If count = 1 Then

Form2.Show()

Me.Hide()

Else

MsgBox("Not registered. Please contact system administrator.")

End If

conn.Close()

Catch ex As MySqlException

MsgBox(ex.Message)

End Try

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

connect()

End Sub

Private Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

Me.Close()

End Sub

Private Sub Label2\_Click(sender As Object, e As EventArgs) Handles Label2.Click

End Sub

End Class

1. **MAIN MENU MODULE**

//Form2 source code that shows the main menu.

Public Class Form2

Private Sub DataAnalysisToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DataAnalysisToolStripMenuItem.Click

Form3.Show()

Me.Close()

End Sub

Private Sub AttackAdviserToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AttackAdviserToolStripMenuItem.Click

Form4.Show()

Me.Close()

End Sub

Private Sub RulesToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RulesToolStripMenuItem.Click

Form5.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub OpenConfigurationFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles OpenConfigurationFileToolStripMenuItem.Click

Form7.Show()

Me.Close()

End Sub

Private Sub NmapCheatSheetToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapCheatSheetToolStripMenuItem.Click

Form8.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\sniff\dist\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub Form2\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

End Sub

End Class

1. **DATA ANALYSIS MODULE**

//Form3 source code shows the data analysis.

Imports MySql.Data.MySqlClient

Public Class Form3

Dim conn As MySqlConnection

Dim myCommand As New MySqlCommand

Dim myAdapter As New MySqlDataAdapter

Dim myData As New DataTable

Dim SQL As String

Private Sub HomeButton\_Click(sender As Object, e As EventArgs) Handles HomeButton.Click

Form2.Show()

Me.Close()

End Sub

Private Sub AttackAdviserToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AttackAdviserToolStripMenuItem.Click

Form4.Show()

Me.Close()

End Sub

Private Sub RulesToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RulesToolStripMenuItem.Click

Form5.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub OpenConfigurationFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles OpenConfigurationFileToolStripMenuItem.Click

Form7.Show()

Me.Close()

End Sub

Private Sub NmapCheatSheetToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapCheatSheetToolStripMenuItem.Click

Form8.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\sniff\dist\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub DataGridView1\_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles DataGridView1.CellContentClick

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs)

End Sub

Private Sub Button2\_Click(sender As Object, e As EventArgs)

End Sub

Private Sub Button1\_Click\_1(sender As Object, e As EventArgs) Handles Button1.Click

conn = New MySqlConnection()

SQL = "SELECT pid, src, dst, ttl, chksum FROM sniff"

'Connection String

conn.ConnectionString = "server=localhost;" \_

& "user id=root;" \_

& "password=;" \_

& "database=netsec"

Try

conn.Open()

myCommand.Connection = conn

myCommand.CommandText = SQL

myAdapter.SelectCommand = myCommand

myAdapter.Fill(myData)

DataGridView1.DataSource = myData

Catch ex As MySqlException

MessageBox.Show("Cannot connect to db" & ex.Message)

Finally

conn.Close()

conn.Dispose()

End Try

End Sub

End Class

1. **ATTACK ADVISER MODULE**

//Form4 source code shows the attack adviser.

Public Class Form4

Private Sub HomeButton\_Click(sender As Object, e As EventArgs) Handles HomeButton.Click

Form2.Show()

Me.Close()

End Sub

Private Sub DataAnalysisToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DataAnalysisToolStripMenuItem.Click

Form3.Show()

Me.Close()

End Sub

Private Sub RulesToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RulesToolStripMenuItem.Click

Form5.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub ListBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ListBox1.SelectedIndexChanged

Select Case ListBox1.SelectedIndex

Case 0

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Attacks (printscreen)\SQL Injection.PNG")

Case 1

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Attacks (printscreen)\Cross-Site Scripting.PNG")

Case 2

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Attacks (printscreen)\Denial-of-Service.PNG")

Case 3

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Attacks (printscreen)\Buffer overflow.PNG")

Case 4

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Attacks (printscreen)\Session hijacking.PNG")

End Select

End Sub

Private Sub OpenConfigurationFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles OpenConfigurationFileToolStripMenuItem.Click

Form7.Show()

Me.Close()

End Sub

Private Sub NmapCheatSheetToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapCheatSheetToolStripMenuItem.Click

Form8.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\sniff\dist\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub PictureBox1\_Click(sender As Object, e As EventArgs) Handles PictureBox1.Click

PictureBox1.SizeMode = PictureBoxSizeMode.StretchImage

End Sub

End Class

1. **RULES MODULE**

//Form5 source code shows the rules –snor.conf.

Public Class Form5

Private Sub HomeButton\_Click(sender As Object, e As EventArgs) Handles HomeButton.Click

Form2.Show()

Me.Close()

End Sub

Private Sub DataAnalysisToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DataAnalysisToolStripMenuItem.Click

Form3.Show()

Me.Close()

End Sub

Private Sub AttackAdviserToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AttackAdviserToolStripMenuItem.Click

Form4.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub ListBox1\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ListBox1.SelectedIndexChanged

Select Case ListBox1.SelectedIndex

Case 0

RichTextBox1.LoadFile("C:\Snort\rules\app-detect.rules", RichTextBoxStreamType.PlainText)

Case 1

RichTextBox1.LoadFile("C:\Snort\rules\attack-responses.rules", RichTextBoxStreamType.PlainText)

Case 2

RichTextBox1.LoadFile("C:\Snort\rules\backdoor.rules", RichTextBoxStreamType.PlainText)

Case 3

RichTextBox1.LoadFile("C:\Snort\rules\bad-traffic.rules", RichTextBoxStreamType.PlainText)

Case 4

RichTextBox1.LoadFile("C:\Snort\rules\blacklist.rules", RichTextBoxStreamType.PlainText)

Case 5

RichTextBox1.LoadFile("C:\Snort\rules\botnet-cnc.rules", RichTextBoxStreamType.PlainText)

Case 6

RichTextBox1.LoadFile("C:\Snort\rules\browser-chrome.rules", RichTextBoxStreamType.PlainText)

Case 7

RichTextBox1.LoadFile("C:\Snort\rules\browser-firefox.rules", RichTextBoxStreamType.PlainText)

Case 8

RichTextBox1.LoadFile("C:\Snort\rules\browser-ie.rules", RichTextBoxStreamType.PlainText)

Case 9

RichTextBox1.LoadFile("C:\Snort\rules\browser-other.rules", RichTextBoxStreamType.PlainText)

Case 10

RichTextBox1.LoadFile("C:\Snort\rules\browser-plugins.rules", RichTextBoxStreamType.PlainText)

Case 11

RichTextBox1.LoadFile("C:\Snort\rules\browser-webkit.rules", RichTextBoxStreamType.PlainText)

Case 12

RichTextBox1.LoadFile("C:\Snort\rules\chat.rules", RichTextBoxStreamType.PlainText)

Case 13

RichTextBox1.LoadFile("C:\Snort\rules\content-replace.rules", RichTextBoxStreamType.PlainText)

Case 14

RichTextBox1.LoadFile("C:\Snort\rules\ddos.rules", RichTextBoxStreamType.PlainText)

Case 15

RichTextBox1.LoadFile("C:\Snort\rules\deleted.rules", RichTextBoxStreamType.PlainText)

Case 16

RichTextBox1.LoadFile("C:\Snort\rules\dns.rules", RichTextBoxStreamType.PlainText)

Case 17

RichTextBox1.LoadFile("C:\Snort\rules\dos.rules", RichTextBoxStreamType.PlainText)

Case 18

RichTextBox1.LoadFile("C:\Snort\rules\experimental.rules", RichTextBoxStreamType.PlainText)

Case 19

RichTextBox1.LoadFile("C:\Snort\rules\exploit.rules", RichTextBoxStreamType.PlainText)

Case 20

RichTextBox1.LoadFile("C:\Snort\rules\exploit-kit.rules", RichTextBoxStreamType.PlainText)

Case 21

RichTextBox1.LoadFile("C:\Snort\rules\file-executable.rules", RichTextBoxStreamType.PlainText)

Case 22

RichTextBox1.LoadFile("C:\Snort\rules\file-flash.rules", RichTextBoxStreamType.PlainText)

Case 23

RichTextBox1.LoadFile("C:\Snort\rules\file-identify.rules", RichTextBoxStreamType.PlainText)

Case 24

RichTextBox1.LoadFile("C:\Snort\rules\file-image.rules", RichTextBoxStreamType.PlainText)

Case 25

RichTextBox1.LoadFile("C:\Snort\rules\file-java.rules", RichTextBoxStreamType.PlainText)

Case 26

RichTextBox1.LoadFile("C:\Snort\rules\file-multimedia.rules", RichTextBoxStreamType.PlainText)

Case 27

RichTextBox1.LoadFile("C:\Snort\rules\file-office.rules", RichTextBoxStreamType.PlainText)

Case 28

RichTextBox1.LoadFile("C:\Snort\rules\file-other.rules", RichTextBoxStreamType.PlainText)

Case 29

RichTextBox1.LoadFile("C:\Snort\rules\file-pdf.rules", RichTextBoxStreamType.PlainText)

Case 30

RichTextBox1.LoadFile("C:\Snort\rules\finger.rules", RichTextBoxStreamType.PlainText)

Case 31

RichTextBox1.LoadFile("C:\Snort\rules\fpt.rules", RichTextBoxStreamType.PlainText)

Case 32

RichTextBox1.LoadFile("C:\Snort\rules\icmp.rules", RichTextBoxStreamType.PlainText)

Case 33

RichTextBox1.LoadFile("C:\Snort\rules\icmp-info.rules", RichTextBoxStreamType.PlainText)

Case 34

RichTextBox1.LoadFile("C:\Snort\rules\imap.rules", RichTextBoxStreamType.PlainText)

Case 35

RichTextBox1.LoadFile("C:\Snort\rules\indicator-compromise.rules", RichTextBoxStreamType.PlainText)

Case 36

RichTextBox1.LoadFile("C:\Snort\rules\indicator-obfuscation.rules", RichTextBoxStreamType.PlainText)

Case 37

RichTextBox1.LoadFile("C:\Snort\rules\indicator-scan.rules", RichTextBoxStreamType.PlainText)

Case 38

RichTextBox1.LoadFile("C:\Snort\rules\indicator-shellcode.rules", RichTextBoxStreamType.PlainText)

Case 39

RichTextBox1.LoadFile("C:\Snort\rules\info.rules", RichTextBoxStreamType.PlainText)

Case 40

RichTextBox1.LoadFile("C:\Snort\rules\local.rules", RichTextBoxStreamType.PlainText)

Case 41

RichTextBox1.LoadFile("C:\Snort\rules\malware-backdoor.rules", RichTextBoxStreamType.PlainText)

Case 42

RichTextBox1.LoadFile("C:\Snort\rules\malware-cnc.rules", RichTextBoxStreamType.PlainText)

Case 43

RichTextBox1.LoadFile("C:\Snort\rules\malware-other.rules", RichTextBoxStreamType.PlainText)

Case 44

RichTextBox1.LoadFile("C:\Snort\rules\malware-tools.rules", RichTextBoxStreamType.PlainText)

Case 45

RichTextBox1.LoadFile("C:\Snort\rules\misc.rules", RichTextBoxStreamType.PlainText)

Case 46

RichTextBox1.LoadFile("C:\Snort\rules\multimedia.rules", RichTextBoxStreamType.PlainText)

Case 47

RichTextBox1.LoadFile("C:\Snort\rules\mysql.rules", RichTextBoxStreamType.PlainText)

Case 48

RichTextBox1.LoadFile("C:\Snort\rules\netbios.rules", RichTextBoxStreamType.PlainText)

Case 49

RichTextBox1.LoadFile("C:\Snort\rules\nntp.rules", RichTextBoxStreamType.PlainText)

Case 50

RichTextBox1.LoadFile("C:\Snort\rules\oracle.rules", RichTextBoxStreamType.PlainText)

Case 51

RichTextBox1.LoadFile("C:\Snort\rules\os-linux.rules", RichTextBoxStreamType.PlainText)

Case 52

RichTextBox1.LoadFile("C:\Snort\rules\os-mobile.rules", RichTextBoxStreamType.PlainText)

Case 53

RichTextBox1.LoadFile("C:\Snort\rules\os-other.rules", RichTextBoxStreamType.PlainText)

Case 54

RichTextBox1.LoadFile("C:\Snort\rules\os-solaris.rules", RichTextBoxStreamType.PlainText)

Case 55

RichTextBox1.LoadFile("C:\Snort\rules\os-windows.rules", RichTextBoxStreamType.PlainText)

Case 56

RichTextBox1.LoadFile("C:\Snort\rules\other-ids.rules", RichTextBoxStreamType.PlainText)

Case 57

RichTextBox1.LoadFile("C:\Snort\rules\p2p.rules", RichTextBoxStreamType.PlainText)

Case 58

RichTextBox1.LoadFile("C:\Snort\rules\phishing-spam.rules", RichTextBoxStreamType.PlainText)

Case 59

RichTextBox1.LoadFile("C:\Snort\rules\policy.rules", RichTextBoxStreamType.PlainText)

Case 60

RichTextBox1.LoadFile("C:\Snort\rules\policy-multimedia.rules", RichTextBoxStreamType.PlainText)

Case 61

RichTextBox1.LoadFile("C:\Snort\rules\policy-other.rules", RichTextBoxStreamType.PlainText)

Case 62

RichTextBox1.LoadFile("C:\Snort\rules\policy-social.rules", RichTextBoxStreamType.PlainText)

Case 63

RichTextBox1.LoadFile("C:\Snort\rules\policy-spam.rules", RichTextBoxStreamType.PlainText)

Case 64

RichTextBox1.LoadFile("C:\Snort\rules\pop2.rules", RichTextBoxStreamType.PlainText)

Case 65

RichTextBox1.LoadFile("C:\Snort\rules\pop3.rules", RichTextBoxStreamType.PlainText)

Case 66

RichTextBox1.LoadFile("C:\Snort\rules\protocol-dns.rules", RichTextBoxStreamType.PlainText)

Case 67

RichTextBox1.LoadFile("C:\Snort\rules\protocol-finger.rules", RichTextBoxStreamType.PlainText)

Case 68

RichTextBox1.LoadFile("C:\Snort\rules\protocol-ftp.rules", RichTextBoxStreamType.PlainText)

Case 69

RichTextBox1.LoadFile("C:\Snort\rules\protocol-icmp.rules", RichTextBoxStreamType.PlainText)

Case 70

RichTextBox1.LoadFile("C:\Snort\rules\protocol-imap.rules", RichTextBoxStreamType.PlainText)

Case 71

RichTextBox1.LoadFile("C:\Snort\rules\protocol-nntp.rules", RichTextBoxStreamType.PlainText)

Case 72

RichTextBox1.LoadFile("C:\Snort\rules\protocol-other.rules", RichTextBoxStreamType.PlainText)

Case 73

RichTextBox1.LoadFile("C:\Snort\rules\protocol-pop.rules", RichTextBoxStreamType.PlainText)

Case 74

RichTextBox1.LoadFile("C:\Snort\rules\protocol-rpc.rules", RichTextBoxStreamType.PlainText)

Case 75

RichTextBox1.LoadFile("C:\Snort\rules\protocol-scada.rules", RichTextBoxStreamType.PlainText)

Case 76

RichTextBox1.LoadFile("C:\Snort\rules\protocol-services.rules", RichTextBoxStreamType.PlainText)

Case 77

RichTextBox1.LoadFile("C:\Snort\rules\protocol-snmp.rules", RichTextBoxStreamType.PlainText)

Case 78

RichTextBox1.LoadFile("C:\Snort\rules\protocol-telnet.rules", RichTextBoxStreamType.PlainText)

Case 79

RichTextBox1.LoadFile("C:\Snort\rules\protocol-tftp.rules", RichTextBoxStreamType.PlainText)

Case 80

RichTextBox1.LoadFile("C:\Snort\rules\protocol-voip.rules", RichTextBoxStreamType.PlainText)

Case 81

RichTextBox1.LoadFile("C:\Snort\rules\pua-adware.rules", RichTextBoxStreamType.PlainText)

Case 82

RichTextBox1.LoadFile("C:\Snort\rules\pua-other.rules", RichTextBoxStreamType.PlainText)

Case 83

RichTextBox1.LoadFile("C:\Snort\rules\pua-p2p.rules", RichTextBoxStreamType.PlainText)

Case 84

RichTextBox1.LoadFile("C:\Snort\rules\pua-toolbars.rules", RichTextBoxStreamType.PlainText)

Case 85

RichTextBox1.LoadFile("C:\Snort\rules\rpc.rules", RichTextBoxStreamType.PlainText)

Case 86

RichTextBox1.LoadFile("C:\Snort\rules\rservices.rules", RichTextBoxStreamType.PlainText)

Case 87

RichTextBox1.LoadFile("C:\Snort\rules\scada.rules", RichTextBoxStreamType.PlainText)

Case 88

RichTextBox1.LoadFile("C:\Snort\rules\scan.rules", RichTextBoxStreamType.PlainText)

Case 89

RichTextBox1.LoadFile("C:\Snort\rules\server-apache.rules", RichTextBoxStreamType.PlainText)

Case 90

RichTextBox1.LoadFile("C:\Snort\rules\server-iis.rules", RichTextBoxStreamType.PlainText)

Case 91

RichTextBox1.LoadFile("C:\Snort\rules\server-mail.rules", RichTextBoxStreamType.PlainText)

Case 92

RichTextBox1.LoadFile("C:\Snort\rules\server-mssql.rules", RichTextBoxStreamType.PlainText)

Case 93

RichTextBox1.LoadFile("C:\Snort\rules\server-mysql.rules", RichTextBoxStreamType.PlainText)

Case 94

RichTextBox1.LoadFile("C:\Snort\rules\server-oracle.rules", RichTextBoxStreamType.PlainText)

Case 95

RichTextBox1.LoadFile("C:\Snort\rules\server-other.rules", RichTextBoxStreamType.PlainText)

Case 96

RichTextBox1.LoadFile("C:\Snort\rules\server-samba.rules", RichTextBoxStreamType.PlainText)

Case 97

RichTextBox1.LoadFile("C:\Snort\rules\server-webapp.rules", RichTextBoxStreamType.PlainText)

Case 98

RichTextBox1.LoadFile("C:\Snort\rules\shellcode.rules", RichTextBoxStreamType.PlainText)

Case 99

RichTextBox1.LoadFile("C:\Snort\rules\smtp.rules", RichTextBoxStreamType.PlainText)

Case 100

RichTextBox1.LoadFile("C:\Snort\rules\snmp.rules", RichTextBoxStreamType.PlainText)

Case 101

RichTextBox1.LoadFile("C:\Snort\rules\specific-threats.rules", RichTextBoxStreamType.PlainText)

Case 102

RichTextBox1.LoadFile("C:\Snort\rules\spyware-put.rules", RichTextBoxStreamType.PlainText)

Case 103

RichTextBox1.LoadFile("C:\Snort\rules\sql.rules", RichTextBoxStreamType.PlainText)

Case 104

RichTextBox1.LoadFile("C:\Snort\rules\telnet.rules", RichTextBoxStreamType.PlainText)

Case 105

RichTextBox1.LoadFile("C:\Snort\rules\tftp.rules", RichTextBoxStreamType.PlainText)

Case 106

RichTextBox1.LoadFile("C:\Snort\rules\virus.rules", RichTextBoxStreamType.PlainText)

Case 107

RichTextBox1.LoadFile("C:\Snort\rules\voip.rules", RichTextBoxStreamType.PlainText)

Case 108

RichTextBox1.LoadFile("C:\Snort\rules\web-activex.rules", RichTextBoxStreamType.PlainText)

Case 109

RichTextBox1.LoadFile("C:\Snort\rules\web-attacks.rules", RichTextBoxStreamType.PlainText)

Case 110

RichTextBox1.LoadFile("C:\Snort\rules\web-cgi.rules", RichTextBoxStreamType.PlainText)

Case 111

RichTextBox1.LoadFile("C:\Snort\rules\web-client.rules", RichTextBoxStreamType.PlainText)

Case 112

RichTextBox1.LoadFile("C:\Snort\rules\web-coldfusion.rules", RichTextBoxStreamType.PlainText)

Case 113

RichTextBox1.LoadFile("C:\Snort\rules\web-frontpage.rules", RichTextBoxStreamType.PlainText)

Case 114

RichTextBox1.LoadFile("C:\Snort\rules\web-iis.rules", RichTextBoxStreamType.PlainText)

Case 115

RichTextBox1.LoadFile("C:\Snort\rules\web-misc.rules", RichTextBoxStreamType.PlainText)

Case 116

RichTextBox1.LoadFile("C:\Snort\rules\web-php.rules", RichTextBoxStreamType.PlainText)

Case 117

RichTextBox1.LoadFile("C:\Snort\rules\x11.rules", RichTextBoxStreamType.PlainText)

End Select

End Sub

Private Sub SaveButton\_Click(sender As Object, e As EventArgs) Handles SaveButton.Click

Select Case ListBox1.SelectedIndex

Case 0

RichTextBox1.SaveFile("C:\Snort\rules\app-detect.rules", RichTextBoxStreamType.PlainText)

Case 1

RichTextBox1.SaveFile("C:\Snort\rules\attack-responses.rules", RichTextBoxStreamType.PlainText)

Case 2

RichTextBox1.SaveFile("C:\Snort\rules\backdoor.rules", RichTextBoxStreamType.PlainText)

Case 3

RichTextBox1.SaveFile("C:\Snort\rules\bad-traffic.rules", RichTextBoxStreamType.PlainText)

Case 4

RichTextBox1.SaveFile("C:\Snort\rules\blacklist.rules", RichTextBoxStreamType.PlainText)

Case 5

RichTextBox1.SaveFile("C:\Snort\rules\botnet-cnc.rules", RichTextBoxStreamType.PlainText)

Case 6

RichTextBox1.SaveFile("C:\Snort\rules\browser-chrome.rules", RichTextBoxStreamType.PlainText)

Case 7

RichTextBox1.SaveFile("C:\Snort\rules\browser-firefox.rules", RichTextBoxStreamType.PlainText)

Case 8

RichTextBox1.SaveFile("C:\Snort\rules\browser-ie.rules", RichTextBoxStreamType.PlainText)

Case 9

RichTextBox1.SaveFile("C:\Snort\rules\browser-other.rules", RichTextBoxStreamType.PlainText)

Case 10

RichTextBox1.SaveFile("C:\Snort\rules\browser-plugins.rules", RichTextBoxStreamType.PlainText)

Case 11

RichTextBox1.SaveFile("C:\Snort\rules\browser-webkit.rules", RichTextBoxStreamType.PlainText)

Case 12

RichTextBox1.SaveFile("C:\Snort\rules\chat.rules", RichTextBoxStreamType.PlainText)

Case 13

RichTextBox1.SaveFile("C:\Snort\rules\content-replace.rules", RichTextBoxStreamType.PlainText)

Case 14

RichTextBox1.SaveFile("C:\Snort\rules\ddos.rules", RichTextBoxStreamType.PlainText)

Case 15

RichTextBox1.SaveFile("C:\Snort\rules\deleted.rules", RichTextBoxStreamType.PlainText)

Case 16

RichTextBox1.SaveFile("C:\Snort\rules\dns.rules", RichTextBoxStreamType.PlainText)

Case 17

RichTextBox1.SaveFile("C:\Snort\rules\dos.rules", RichTextBoxStreamType.PlainText)

Case 18

RichTextBox1.SaveFile("C:\Snort\rules\experimental.rules", RichTextBoxStreamType.PlainText)

Case 19

RichTextBox1.SaveFile("C:\Snort\rules\exploit.rules", RichTextBoxStreamType.PlainText)

Case 20

RichTextBox1.SaveFile("C:\Snort\rules\exploit-kit.rules", RichTextBoxStreamType.PlainText)

Case 21

RichTextBox1.SaveFile("C:\Snort\rules\file-executable.rules", RichTextBoxStreamType.PlainText)

Case 22

RichTextBox1.SaveFile("C:\Snort\rules\file-flash.rules", RichTextBoxStreamType.PlainText)

Case 23

RichTextBox1.SaveFile("C:\Snort\rules\file-identify.rules", RichTextBoxStreamType.PlainText)

Case 24

RichTextBox1.SaveFile("C:\Snort\rules\file-image.rules", RichTextBoxStreamType.PlainText)

Case 25

RichTextBox1.SaveFile("C:\Snort\rules\file-java.rules", RichTextBoxStreamType.PlainText)

Case 26

RichTextBox1.SaveFile("C:\Snort\rules\file-multimedia.rules", RichTextBoxStreamType.PlainText)

Case 27

RichTextBox1.SaveFile("C:\Snort\rules\file-office.rules", RichTextBoxStreamType.PlainText)

Case 28

RichTextBox1.SaveFile("C:\Snort\rules\file-other.rules", RichTextBoxStreamType.PlainText)

Case 29

RichTextBox1.SaveFile("C:\Snort\rules\file-pdf.rules", RichTextBoxStreamType.PlainText)

Case 30

RichTextBox1.SaveFile("C:\Snort\rules\finger.rules", RichTextBoxStreamType.PlainText)

Case 31

RichTextBox1.SaveFile("C:\Snort\rules\fpt.rules", RichTextBoxStreamType.PlainText)

Case 32

RichTextBox1.SaveFile("C:\Snort\rules\icmp.rules", RichTextBoxStreamType.PlainText)

Case 33

RichTextBox1.SaveFile("C:\Snort\rules\icmp-info.rules", RichTextBoxStreamType.PlainText)

Case 34

RichTextBox1.SaveFile("C:\Snort\rules\imap.rules", RichTextBoxStreamType.PlainText)

Case 35

RichTextBox1.SaveFile("C:\Snort\rules\indicator-compromise.rules", RichTextBoxStreamType.PlainText)

Case 36

RichTextBox1.SaveFile("C:\Snort\rules\indicator-obfuscation.rules", RichTextBoxStreamType.PlainText)

Case 37

RichTextBox1.SaveFile("C:\Snort\rules\indicator-scan.rules", RichTextBoxStreamType.PlainText)

Case 38

RichTextBox1.SaveFile("C:\Snort\rules\indicator-shellcode.rules", RichTextBoxStreamType.PlainText)

Case 39

RichTextBox1.SaveFile("C:\Snort\rules\info.rules", RichTextBoxStreamType.PlainText)

Case 40

RichTextBox1.SaveFile("C:\Snort\rules\local.rules", RichTextBoxStreamType.PlainText)

Case 41

RichTextBox1.SaveFile("C:\Snort\rules\malware-backdoor.rules", RichTextBoxStreamType.PlainText)

Case 42

RichTextBox1.SaveFile("C:\Snort\rules\malware-cnc.rules", RichTextBoxStreamType.PlainText)

Case 43

RichTextBox1.SaveFile("C:\Snort\rules\malware-other.rules", RichTextBoxStreamType.PlainText)

Case 44

RichTextBox1.SaveFile("C:\Snort\rules\malware-tools.rules", RichTextBoxStreamType.PlainText)

Case 45

RichTextBox1.SaveFile("C:\Snort\rules\misc.rules", RichTextBoxStreamType.PlainText)

Case 46

RichTextBox1.SaveFile("C:\Snort\rules\multimedia.rules", RichTextBoxStreamType.PlainText)

Case 47

RichTextBox1.SaveFile("C:\Snort\rules\mysql.rules", RichTextBoxStreamType.PlainText)

Case 48

RichTextBox1.SaveFile("C:\Snort\rules\netbios.rules", RichTextBoxStreamType.PlainText)

Case 49

RichTextBox1.SaveFile("C:\Snort\rules\nntp.rules", RichTextBoxStreamType.PlainText)

Case 50

RichTextBox1.SaveFile("C:\Snort\rules\oracle.rules", RichTextBoxStreamType.PlainText)

Case 51

RichTextBox1.SaveFile("C:\Snort\rules\os-linux.rules", RichTextBoxStreamType.PlainText)

Case 52

RichTextBox1.SaveFile("C:\Snort\rules\os-mobile.rules", RichTextBoxStreamType.PlainText)

Case 53

RichTextBox1.SaveFile("C:\Snort\rules\os-other.rules", RichTextBoxStreamType.PlainText)

Case 54

RichTextBox1.SaveFile("C:\Snort\rules\os-solaris.rules", RichTextBoxStreamType.PlainText)

Case 55

RichTextBox1.SaveFile("C:\Snort\rules\os-windows.rules", RichTextBoxStreamType.PlainText)

Case 56

RichTextBox1.SaveFile("C:\Snort\rules\other-ids.rules", RichTextBoxStreamType.PlainText)

Case 57

RichTextBox1.SaveFile("C:\Snort\rules\p2p.rules", RichTextBoxStreamType.PlainText)

Case 58

RichTextBox1.SaveFile("C:\Snort\rules\phishing-spam.rules", RichTextBoxStreamType.PlainText)

Case 59

RichTextBox1.SaveFile("C:\Snort\rules\policy.rules", RichTextBoxStreamType.PlainText)

Case 60

RichTextBox1.SaveFile("C:\Snort\rules\policy-multimedia.rules", RichTextBoxStreamType.PlainText)

Case 61

RichTextBox1.SaveFile("C:\Snort\rules\policy-other.rules", RichTextBoxStreamType.PlainText)

Case 62

RichTextBox1.SaveFile("C:\Snort\rules\policy-social.rules", RichTextBoxStreamType.PlainText)

Case 63

RichTextBox1.SaveFile("C:\Snort\rules\policy-spam.rules", RichTextBoxStreamType.PlainText)

Case 64

RichTextBox1.SaveFile("C:\Snort\rules\pop2.rules", RichTextBoxStreamType.PlainText)

Case 65

RichTextBox1.SaveFile("C:\Snort\rules\pop3.rules", RichTextBoxStreamType.PlainText)

Case 66

RichTextBox1.SaveFile("C:\Snort\rules\protocol-dns.rules", RichTextBoxStreamType.PlainText)

Case 67

RichTextBox1.SaveFile("C:\Snort\rules\protocol-finger.rules", RichTextBoxStreamType.PlainText)

Case 68

RichTextBox1.SaveFile("C:\Snort\rules\protocol-ftp.rules", RichTextBoxStreamType.PlainText)

Case 69

RichTextBox1.SaveFile("C:\Snort\rules\protocol-icmp.rules", RichTextBoxStreamType.PlainText)

Case 70

RichTextBox1.SaveFile("C:\Snort\rules\protocol-imap.rules", RichTextBoxStreamType.PlainText)

Case 71

RichTextBox1.SaveFile("C:\Snort\rules\protocol-nntp.rules", RichTextBoxStreamType.PlainText)

Case 72

RichTextBox1.SaveFile("C:\Snort\rules\protocol-other.rules", RichTextBoxStreamType.PlainText)

Case 73

RichTextBox1.SaveFile("C:\Snort\rules\protocol-pop.rules", RichTextBoxStreamType.PlainText)

Case 74

RichTextBox1.SaveFile("C:\Snort\rules\protocol-rpc.rules", RichTextBoxStreamType.PlainText)

Case 75

RichTextBox1.SaveFile("C:\Snort\rules\protocol-scada.rules", RichTextBoxStreamType.PlainText)

Case 76

RichTextBox1.SaveFile("C:\Snort\rules\protocol-services.rules", RichTextBoxStreamType.PlainText)

Case 77

RichTextBox1.SaveFile("C:\Snort\rules\protocol-snmp.rules", RichTextBoxStreamType.PlainText)

Case 78

RichTextBox1.SaveFile("C:\Snort\rules\protocol-telnet.rules", RichTextBoxStreamType.PlainText)

Case 79

RichTextBox1.SaveFile("C:\Snort\rules\protocol-tftp.rules", RichTextBoxStreamType.PlainText)

Case 80

RichTextBox1.SaveFile("C:\Snort\rules\protocol-voip.rules", RichTextBoxStreamType.PlainText)

Case 81

RichTextBox1.SaveFile("C:\Snort\rules\pua-adware.rules", RichTextBoxStreamType.PlainText)

Case 82

RichTextBox1.SaveFile("C:\Snort\rules\pua-other.rules", RichTextBoxStreamType.PlainText)

Case 83

RichTextBox1.SaveFile("C:\Snort\rules\pua-p2p.rules", RichTextBoxStreamType.PlainText)

Case 84

RichTextBox1.SaveFile("C:\Snort\rules\pua-toolbars.rules", RichTextBoxStreamType.PlainText)

Case 85

RichTextBox1.SaveFile("C:\Snort\rules\rpc.rules", RichTextBoxStreamType.PlainText)

Case 86

RichTextBox1.SaveFile("C:\Snort\rules\rservices.rules", RichTextBoxStreamType.PlainText)

Case 87

RichTextBox1.SaveFile("C:\Snort\rules\scada.rules", RichTextBoxStreamType.PlainText)

Case 88

RichTextBox1.SaveFile("C:\Snort\rules\scan.rules", RichTextBoxStreamType.PlainText)

Case 89

RichTextBox1.SaveFile("C:\Snort\rules\server-apache.rules", RichTextBoxStreamType.PlainText)

Case 90

RichTextBox1.SaveFile("C:\Snort\rules\server-iis.rules", RichTextBoxStreamType.PlainText)

Case 91

RichTextBox1.SaveFile("C:\Snort\rules\server-mail.rules", RichTextBoxStreamType.PlainText)

Case 92

RichTextBox1.SaveFile("C:\Snort\rules\server-mssql.rules", RichTextBoxStreamType.PlainText)

Case 93

RichTextBox1.SaveFile("C:\Snort\rules\server-mysql.rules", RichTextBoxStreamType.PlainText)

Case 94

RichTextBox1.SaveFile("C:\Snort\rules\server-oracle.rules", RichTextBoxStreamType.PlainText)

Case 95

RichTextBox1.SaveFile("C:\Snort\rules\server-other.rules", RichTextBoxStreamType.PlainText)

Case 96

RichTextBox1.SaveFile("C:\Snort\rules\server-samba.rules", RichTextBoxStreamType.PlainText)

Case 97

RichTextBox1.SaveFile("C:\Snort\rules\server-webapp.rules", RichTextBoxStreamType.PlainText)

Case 98

RichTextBox1.SaveFile("C:\Snort\rules\shellcode.rules", RichTextBoxStreamType.PlainText)

Case 99

RichTextBox1.SaveFile("C:\Snort\rules\smtp.rules", RichTextBoxStreamType.PlainText)

Case 100

RichTextBox1.SaveFile("C:\Snort\rules\snmp.rules", RichTextBoxStreamType.PlainText)

Case 101

RichTextBox1.SaveFile("C:\Snort\rules\specific-threats.rules", RichTextBoxStreamType.PlainText)

Case 102

RichTextBox1.SaveFile("C:\Snort\rules\spyware-put.rules", RichTextBoxStreamType.PlainText)

Case 103

RichTextBox1.SaveFile("C:\Snort\rules\sql.rules", RichTextBoxStreamType.PlainText)

Case 104

RichTextBox1.SaveFile("C:\Snort\rules\telnet.rules", RichTextBoxStreamType.PlainText)

Case 105

RichTextBox1.SaveFile("C:\Snort\rules\tftp.rules", RichTextBoxStreamType.PlainText)

Case 106

RichTextBox1.SaveFile("C:\Snort\rules\virus.rules", RichTextBoxStreamType.PlainText)

Case 107

RichTextBox1.SaveFile("C:\Snort\rules\voip.rules", RichTextBoxStreamType.PlainText)

Case 108

RichTextBox1.SaveFile("C:\Snort\rules\web-activex.rules", RichTextBoxStreamType.PlainText)

Case 109

RichTextBox1.SaveFile("C:\Snort\rules\web-attacks.rules", RichTextBoxStreamType.PlainText)

Case 110

RichTextBox1.SaveFile("C:\Snort\rules\web-cgi.rules", RichTextBoxStreamType.PlainText)

Case 111

RichTextBox1.SaveFile("C:\Snort\rules\web-client.rules", RichTextBoxStreamType.PlainText)

Case 112

RichTextBox1.SaveFile("C:\Snort\rules\web-coldfusion.rules", RichTextBoxStreamType.PlainText)

Case 113

RichTextBox1.SaveFile("C:\Snort\rules\web-frontpage.rules", RichTextBoxStreamType.PlainText)

Case 114

RichTextBox1.SaveFile("C:\Snort\rules\web-iis.rules", RichTextBoxStreamType.PlainText)

Case 115

RichTextBox1.SaveFile("C:\Snort\rules\web-misc.rules", RichTextBoxStreamType.PlainText)

Case 116

RichTextBox1.SaveFile("C:\Snort\rules\web-php.rules", RichTextBoxStreamType.PlainText)

Case 117

RichTextBox1.SaveFile("C:\Snort\rules\x11.rules", RichTextBoxStreamType.PlainText)

End Select

End Sub

Private Sub OpenConfigurationFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles OpenConfigurationFileToolStripMenuItem.Click

Form7.Show()

Me.Close()

End Sub

Private Sub NmapCheatSheetToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapCheatSheetToolStripMenuItem.Click

Form8.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\sniff\dist\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

End Class

1. **SYSTEM INFORMATION MODULE**

//Form6 source code that shows the system and server requirements.

Public Class Form6

Private Sub PictureBox1\_Click(sender As Object, e As EventArgs) Handles PictureBox1.Click

End Sub

Private Sub TabPage1\_Click(sender As Object, e As EventArgs) Handles TabPage1.Click

End Sub

Private Sub TabPage2\_Click(sender As Object, e As EventArgs) Handles TabPage2.Click

End Sub

Private Sub Label1\_Click(sender As Object, e As EventArgs) Handles Label1.Click

End Sub

Private Sub Label2\_Click(sender As Object, e As EventArgs) Handles Label2.Click

End Sub

Private Sub Label3\_Click(sender As Object, e As EventArgs) Handles Label3.Click

End Sub

Private Sub Label4\_Click(sender As Object, e As EventArgs) Handles Label4.Click

End Sub

Private Sub Label5\_Click(sender As Object, e As EventArgs) Handles Label5.Click

End Sub

Private Sub Label6\_Click(sender As Object, e As EventArgs) Handles Label6.Click

End Sub

Private Sub Label7\_Click(sender As Object, e As EventArgs) Handles Label7.Click

End Sub

Private Sub Label8\_Click(sender As Object, e As EventArgs) Handles Label8.Click

End Sub

Private Sub Label9\_Click(sender As Object, e As EventArgs)

End Sub

Private Sub Label10\_Click(sender As Object, e As EventArgs)

End Sub

Private Sub Label11\_Click(sender As Object, e As EventArgs) Handles Label11.Click

End Sub

Private Sub Label12\_Click(sender As Object, e As EventArgs) Handles Label12.Click

End Sub

Private Sub Label13\_Click(sender As Object, e As EventArgs) Handles Label13.Click

End Sub

Private Sub Label14\_Click(sender As Object, e As EventArgs) Handles Label14.Click

End Sub

Private Sub Label15\_Click(sender As Object, e As EventArgs) Handles Label15.Click

End Sub

Private Sub Label16\_Click(sender As Object, e As EventArgs) Handles Label16.Click

End Sub

Private Sub Label17\_Click(sender As Object, e As EventArgs) Handles Label17.Click

End Sub

Private Sub Label18\_Click(sender As Object, e As EventArgs) Handles Label18.Click

End Sub

Private Sub Label19\_Click(sender As Object, e As EventArgs) Handles Label19.Click

End Sub

Private Sub Label20\_Click(sender As Object, e As EventArgs) Handles Label20.Click

End Sub

Private Sub Label21\_Click(sender As Object, e As EventArgs) Handles Label21.Click

End Sub

Private Sub Label22\_Click(sender As Object, e As EventArgs) Handles Label22.Click

End Sub

Private Sub Label23\_Click(sender As Object, e As EventArgs) Handles Label23.Click

End Sub

Private Sub Label24\_Click(sender As Object, e As EventArgs) Handles Label24.Click

End Sub

Private Sub Label26\_Click(sender As Object, e As EventArgs) Handles Label26.Click

End Sub

Private Sub Label27\_Click(sender As Object, e As EventArgs) Handles Label27.Click

End Sub

Private Sub Label28\_Click(sender As Object, e As EventArgs) Handles Label28.Click

End Sub

Private Sub Label29\_Click(sender As Object, e As EventArgs) Handles Label29.Click

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Me.Close()

End Sub

End Class

1. **OPEN CONFIGURATION FILE MODULE**

//Form7 source code that shows open configuration file from snort.conf.

Public Class Form7

Private Sub HomeButton\_Click(sender As Object, e As EventArgs) Handles HomeButton.Click

Form2.Show()

Me.Close()

End Sub

Private Sub DataAnalysisToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DataAnalysisToolStripMenuItem.Click

Form3.Show()

Me.Close()

End Sub

Private Sub AttackAdviserToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AttackAdviserToolStripMenuItem.Click

Form4.Show()

Me.Close()

End Sub

Private Sub RulesToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RulesToolStripMenuItem.Click

Form5.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub NmapCheatSheetToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapCheatSheetToolStripMenuItem.Click

Form8.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub RichTextBox1\_Click(sender As Object, e As EventArgs) Handles RichTextBox1.Click

RichTextBox1.LoadFile("C:\Snort\etc\snort.conf", RichTextBoxStreamType.PlainText)

End Sub

Private Sub SaveButton\_Click(sender As Object, e As EventArgs) Handles SaveButton.Click

RichTextBox1.SaveFile("C:\Snort\etc\snort.conf", RichTextBoxStreamType.PlainText)

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\sniff\dist\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

End Class

1. **CHEAT SHEET MODULE**

//Form8 source code that shows cheat sheet document.

Public Class Form8

Private Sub HomeButton\_Click(sender As Object, e As EventArgs) Handles HomeButton.Click

Form2.Show()

Me.Close()

End Sub

Private Sub DataAnalysisToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DataAnalysisToolStripMenuItem.Click

Form3.Show()

Me.Close()

End Sub

Private Sub AttackAdviserToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AttackAdviserToolStripMenuItem.Click

Form4.Show()

Me.Close()

End Sub

Private Sub RulesToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RulesToolStripMenuItem.Click

Form5.Show()

Me.Close()

End Sub

Private Sub SystemInformationToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SystemInformationToolStripMenuItem.Click

Form6.Show()

End Sub

Private Sub OpenConfigurationFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles OpenConfigurationFileToolStripMenuItem.Click

Form7.Show()

Me.Close()

End Sub

Private Sub LogOutToolStripMenuitem\_Click(sender As Object, e As EventArgs) Handles LogOutToolStripMenuItem.Click

MsgBox("Thank you for using NetSec Manager", MsgBoxStyle.Information, "NetSec Manager: Log Out")

Form1.Show()

Me.Close()

End Sub

Private Sub ListBox1\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ListBox1.SelectedIndexChanged

Select Case ListBox1.SelectedIndex

Case 0

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Nmap Cheat Sheet.PNG")

Case 1

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Aggregate Time Options.PNG")

Case 2

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Base Syntax.PNG")

Case 3

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Fine-Grained Timing Options.PNG")

Case 4

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Misc Options.PNG")

Case 5

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Notable Scripts.PNG")

Case 6

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Output Formats.PNG")

Case 7

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Probing Options.PNG")

Case 8

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Scan Types.PNG")

Case 9

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Script Categories.PNG")

Case 10

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Scripting Engine.PNG")

Case 11

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Target Ports.PNG")

Case 12

PictureBox1.Image = Image.FromFile("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Images\Nmap Cheat Sheet\Target Specification.PNG")

End Select

End Sub

Private Sub NmapToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NmapToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\nmap.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub StartScanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles StartScanToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\cmd.bat")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub SnifferToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles SnifferToolStripMenuItem.Click

Dim config As New ProcessStartInfo("C:\Users\Yan Wisdom\Documents\Visual Studio 2015\Projects\NetsecManagerv3\NetsecManagerv3\Processes\scan.exe")

config.RedirectStandardError = True

config.RedirectStandardOutput = True

config.CreateNoWindow = False

config.WindowStyle = ProcessWindowStyle.Hidden

config.UseShellExecute = False

Dim process As Process = Process.Start(config)

End Sub

Private Sub PictureBox1\_Click(sender As Object, e As EventArgs) Handles PictureBox1.Click

PictureBox1.SizeMode = PictureBoxSizeMode.StretchImage

End Sub

End Class

1. **PROCESS MODULE (SCRIPTS)**

//**cmd.bat**

@echo off

start cmd.exe "C:\Windows\System32"

//**nmap.bat**

**@echo off**

start zenmap.exe "C:\Program Files (x86)\Nmap\zenmap.exe"

exit

//**rules.bat**

@echo off

start C:\Snort\rules

//**snortconf.bat**

@echo off

start notepad++ "C:\Snort\etc\snort.conf"

exit

//**wireshark.bat**

@echo off

start wireshark.exe

exit

//**ipWhois.py**

"""

IP Who.is modified code.

12.18.15 - (c) amabinal

"""

#imports

import cgitb

from ipwhois import IPWhois

from pprint import pprint

import socket

# import optparse

cgitb.enable()

# main logic: Search for IP (view details)

ipadd = input('Please enter the IP address: (enclosed with single quotes)')

who = socket.inet\_aton(ipadd)#IPWhois(ipadd)

# text to IP conversions

ipconv = socket.inet\_ntoa(who)

#who.is logic

obj = IPWhois(ipconv)

ipresult = obj.lookup\_rdap(depth=1)

pprint(ipresult)

# switches

"""def Main():

parser = optparse.OptionParser('usage %prog '+'-i <IP address>')

parser.add\_option('-i', dest='ipadd', type='string', help='Specify IP address')

(options) = parser.parse\_args()

if (options.ipadd == None):

print parser.usage

exit(0)

else:

ipout = str(options.ipadd)

for ipadd in ipout:

ipWho(ipadd)

# main logic: View my IP

# main logic: Search for IP (with proxy)

# main logic: quit Modified IP Whois

if \_\_name\_\_ == '\_\_main\_\_':

Main()

"""

//**scan.py**

#Nmap Port Scanner

import optparse

import nmap

def nmapScan(tgtHost, tgtPort):

nScan = nmap.PortScanner()

nScan.scan(tgtHost, tgtPort)

state = nScan[tgtHost]['tcp'][int(tgtPort)]['state']

print " [\*] " + tgtHost + " tcp/" +tgtPort + " " + state

def Main():

parser = optparse.OptionParser('usage %prog '+'-H <target host> -p <target port>')

parser.add\_option('-H', dest='tgtHost', type='string', help='specify target host')

parser.add\_option('-p', dest='tgtPort', type='string', help='specify target port[s] seperated by comma')

(options, args) = parser.parse\_args()

if (options.tgtHost == None) | (options.tgtPort == None):

print parser.usage

exit(0)

else:

tgtHosts = str(options.tgtHost).split(',')

tgtPorts = str(options.tgtPort).split(',')

for tgtHost in tgtHosts:

for tgtPort in tgtPorts:

nmapScan(tgtHost, tgtPort)

if \_\_name\_\_ == '\_\_main\_\_':

Main()

**DEFINITION OF TERMS**

**CONCEPTUAL DIAGRAMS** Displays the interaction between the system and the users/entities; shows the movement of data within the system to and/or from the entities.

**DENIAL-OF-SERVICE (DOS)** An attempt to make a machine or network resource unavailable to its intended users.

**DNSPYTHON** A DNS toolkit for Python. It supports almost all record types.

**INTEUSION DETECTION SYSTEM** Known as intrusion detection system, IDS is a device or software application that monitors network or system activities for malicious activities or policy violations and produces reports to a management station.

**IPV4 ADDRESS** Known as the Internet Protocol version 4, it is a unique identifier to assigned to a network device, either automatically or set by the user.

**MAC ADDRESS.** Known as media access control address, MAC address is a unique identifier assigned to network interfaces for communications in the physical network segment.

**MYSQL CONNECTOR PYTHON** A standardized database driver for Python platforms and development.

**NETADDR** A Python library for representing and manipulating network addresses.

**NETIFACES** Provides a way for Python programmers to get access to a list of the network interfaces on the local machine, and to obtain the addresses of those network interfaces.

**PORT** Virtual data connection between computer programs possibly through a computer network.

**PYTHON** A general-purpose, object-oriented interpreted language used for countless standalone projects or scripting applications.

**SNORT.** An open-source and lightweight network intrusion detection system for UNIX derivatives and Windows

**SQL INJECTION.** A code injection technique, used to attack data-driven applications, in which malicious SQL statements are inserted into an entry field for execution.

**TCP/IP** Internet protocols, namely, TCP (Transmission Internet Protocol), the first networking protocols defined in the Internet protocol suite.

**VISUAL BASIC** A programming environment from Microsoft in which a programmer uses a graphical user interface (GUI).

**XAMMP** A free open source cross-platform web server solution stack package.

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