

## 1. Form1

'transpaent form code.....

Option Explicit

Private Declare Function SendMessage Lib "user32" Alias

"SendMessageA" (ByVal hwnd As Long, ByVal wParam As Long, ByVal  
wParam As Long, lParam As Any) As Long

Private Declare Sub ReleaseCapture Lib "user32" ()

Private Declare Function GetWindowLong Lib "user32" Alias

"GetWindowLongA" (ByVal hwnd As Long, ByVal nIndex As Long) As  
Long

Private Declare Function SetWindowLong Lib "user32" Alias

"SetWindowLongA" (ByVal hwnd As Long, ByVal nIndex As Long,  
ByVal dwNewLong As Long) As Long

Private Declare Function SetLayeredWindowAttributes Lib "user32"

(ByVal hwnd As Long, ByVal crKey As Long, ByVal bAlpha As Byte,  
ByVal dwFlags As Long) As Long

Const WM\_NCLBUTTONDOWN = &HA1

Const HTCAPTION = 2

Const WS\_EX\_LAYERED = &H80000

Const GWL\_EXSTYLE = (-20)

```
Const LWA_ALPHA = &H2
```

```
Const LWA_COLORKEY = &H1
```

```
'-----
```

```
' Procedure : SendMail
```

```
' Author   : coolcurrent4u
```

```
' Date    : 4/19/2011
```

```
' Purpose : sends email using the cdo namespace
```

```
' TODO    : check for attachment existence before passing it
```

```
'          : Pass only number to port textfield or else it will throw an error
```

```
' Questions : Please ask in vbforums.com
```

```
'-----
```

```
'
```

```
Public Function SendMail(sTo As String, sSubject As String, sFrom As  
String, _
```

```
sBody As String, sSmtpServer As String, iSmtpPort As Integer, _
```

```
sSmtpUser As String, sSmtpPword As String, _
```

```
    sFilePath As String, bSmtpSSL As Boolean) As String
```

On Error GoTo SendMail\_Error:

```
Dim lobj_cdomsg As CDO.Message
```

```
Set lobj_cdomsg = New CDO.Message
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServer) = sSmtpServer
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServerPort) = iSmtpPort
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPUseSSL) = bSmtpSSL
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPAuthenticate) = cdoBasic
```

```
lobj_cdomsg.Configuration.Fields(cdoSendUserName) = sSmtpUser
```

```
lobj_cdomsg.Configuration.Fields(cdoSendPassword) = sSmtpPword
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPConnectionTimeout) = 30
```

```
lobj_cdomsg.Configuration.Fields(cdoSendUsingMethod) =  
cdoSendUsingPort
```

```
lobj_cdomsg.Configuration.Fields.Update
```

```
lobj_cdomsg.To = sTo
```

```
lobj_cdomsg.From = sFrom
```

```
lobj_cdomsg.Subject = sSubject
```

```
lobj_cdomsg.TextBody = sBody
```

## 2. Form1User

```
'transparent form code.....
Option Explicit
Private Declare Function SendMessage Lib "user32" Alias
"SendMessageA" (ByVal hwnd As Long, ByVal wParam As Long,
ByVal lParam As Long, ByVal nMsg As Long) As Long
Private Declare Sub ReleaseCapture Lib "user32" ()
Private Declare Function GetWindowLong Lib "user32" Alias
"GetWindowLongA" (ByVal hwnd As Long, ByVal nIndex As Long)
As Long
Private Declare Function SetWindowLong Lib "user32" Alias
"SetWindowLongA" (ByVal hwnd As Long, ByVal nIndex As Long,
ByVal dwNewLong As Long) As Long
Private Declare Function SetLayeredWindowAttributes Lib "user32"
(ByVal hwnd As Long, ByVal crKey As Long, ByVal bAlpha As
Byte, ByVal dwFlags As Long) As Long
Const WM_NCLBUTTONDOWN = &HA1
Const HTCAPTION = 2
Const WS_EX_LAYERED = &H80000
Const GWL_EXSTYLE = (-20)
Const LWA_ALPHA = &H2
Const LWA_COLORKEY = &H1
'-----
--
' Procedure : SendMail
' Author   : coolcurrent4u
' Date    : 4/19/2011
```

```
' Purpose : sends email using the cdo namespace
' TODO : check for attachment existence before passing it
' : Pass only number to port textfield or else it will throw an error
' Questions : Please ask in vbforums.com
```

```
'-----
```

```
--
```

```
,
```

```
Public Function SendMail(sTo As String, sSubject As String, sFrom
As String, _
    sBody As String, sSmtpServer As String, iSmtpPort As Integer, _
    sSmtpUser As String, sSmtpPword As String, _
    sFilePath As String, bSmtpSSL As Boolean) As String
```

```
On Error GoTo SendMail_Error:
```

```
Dim lobj_cdomsg As CDO.Message
```

```
Set lobj_cdomsg = New CDO.Message
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServer) = sSmtpServer
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServerPort) =
```

```
iSmtpPort
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPUseSSL) = bSmtpSSL
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPAuthenticate) =
```

```
cdoBasic
```

```
lobj_cdomsg.Configuration.Fields(cdoSendUserName) = sSmtpUser
```

```
lobj_cdomsg.Configuration.Fields(cdoSendPassword) =
```

```
sSmtpPword
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPConnectionTimeout) =
```

```
30 lobj_cdomsg.Configuration.Fields(cdoSendUsingMethod) =
```

```
cdoSendUsingPort
```

```
    lobj_cdomsg.Configuration.Fields.Update
    lobj_cdomsg.To = sTo
    lobj_cdomsg.From = sFrom
    lobj_cdomsg.Subject = sSubject
    lobj_cdomsg.TextBody = sBody
    If Trim$(sFilePath) <> vbNullString Then
        lobj_cdomsg.AddAttachment (sFilePath)
    End If
    lobj_cdomsg.Send
    Set lobj_cdomsg = Nothing
    SendMail = "ok"
    Exit Function
SendMail_Error:
    SendMail = Err.Description
End Function
Private Sub Form_Load()
'transparent decl
DarkMe
'End of transparnet dec
Form1User.ezVidCap1.CapSingleFrame
Form1User.ezVidCap1.SaveDIB App.Path & "\gambar\image1.jpg"
Form1User.ezVidCap1.Preview = False
Form1User.ezVidCap1.CapSingleFrame
Form1User.ezVidCap1.SaveDIB App.Path & "\gambar\image2.jpg"
Form1User.ezVidCap1.Preview = False
Form1User.ezVidCap1.CapSingleFrame
```

### 3. Form2 (Form2)

```
Private Sub Command1_Click()
```

```
On Error Resume Next
If Text1.Text = "aosi" Then
Form2.Hide
FormSecurity.Show
ElseIf Text1.Text = "user1" Then
Form2.Hide
FormSecurityUser.Show
Else
MsgBox "Wrong password entered", vbExclamation
'disable and enable Ctrl,Alt + Del code
End If
End Sub
Private Sub Command2_Click()
On Error Resume Next
Unload Me
End Sub
```

#### 4. **Form3 (Form3)**

```
Dim adoquery As New ADODB.Recordset
Public Function LoadPictureFromDB(rs As ADODB.Recordset, _
gambar As Image)
On Error GoTo errLoad
'Jika record tidak ada
If rs Is Nothing Then
Exit Function
End If
Set str = New ADODB.Stream
str.Type = adTypeBinary
str.Open
```

```
str.Write rs!gambar
'proses menyimpan ke bentuk file
str.SaveToFile "C:\image12.jpg", adSaveCreateOverWrite
gambar.Picture = LoadPicture("C:\image12.jpg")
'proses menghapus file temp.bmp
Kill ("C:\image12.jpg")
LoadPictureFromDB = True
Exit Function
errLoad:
    LoadPictureFromDB = False
End Function
Private Sub Command1_Click()
Picture6.Picture = LoadPicture(App.Path & "\gambar\image12.jpg")
Exit Sub
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub
Private Sub Command2_Click()
On Error GoTo kaya
Picture6.Picture = LoadPicture(App.Path & "\gambar\image13.jpg")
Exit Sub
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub
Private Sub Command3_Click()
On Error GoTo kaya
Picture6.Picture = LoadPicture(App.Path & "\gambar\image14.jpg")
Exit Sub
```



```
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub

Private Sub Command4_Click()
On Error GoTo kaya
Picture6.Picture = LoadPicture(App.Path & "\gambar\image15.jpg")
Exit Sub
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub

Private Sub Command5_Click()
On Error GoTo kaya
Picture6.Picture = LoadPicture(App.Path & "\gambar\image16.jpg")
Exit Sub
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub

Private Sub Command6_Click()
On Error GoTo kaya
Picture6.Picture = LoadPicture(App.Path & "\gambar\image17.jpg")
Exit Sub
kaya:
MsgBox "You are safe, :) no one accessed your House", vbInformation
End Sub
```

## 5. Form Email (FormMain)

```
'-----
--
```

```
' Procedure : SendMail
' Author   : coolcurrent4u
' Date    : 4/19/2011
' Purpose  : sends email using the cdo namespace
' TODO    : check for attachment existence before passing it
'          : Pass only number to port textfield or else it will throw an error
' Questions : Please ask in vbforums.com
```

```
'-----
```

```
--
```

```
,
```

```
Public Function SendMail(sTo As String, sSubject As String, sFrom
As String, _
```

```
    sBody As String, sSmtpServer As String, iSmtpPort As Integer, _
```

```
    sSmtpUser As String, sSmtpPword As String, _
```

```
    sFilePath As String, bSmtpSSL As Boolean) As String
```

```
On Error GoTo SendMail_Error:
```

```
Dim obj_cdomsg As CDO.Message
```

```
Set obj_cdomsg = New CDO.Message
```

```
obj_cdomsg.Configuration.Fields(cdoSMTPServer) = sSmtpServer
```

```
obj_cdomsg.Configuration.Fields(cdoSMTPServerPort) =
```

```
iSmtpPort
```

```
obj_cdomsg.Configuration.Fields(cdoSMTPUseSSL) = bSmtpSSL
```

```
obj_cdomsg.Configuration.Fields(cdoSMTPAuthenticate) =
```

```
cdoBasic
```

```
obj_cdomsg.Configuration.Fields(cdoSendUserName) = sSmtpUser
```

```
obj_cdomsg.Configuration.Fields(cdoSendPassword) =
```

```
sSmtpPword
```

```
    lobj_cdomsg.Configuration.Fields(cdoSMTPConnectionTimeout) =
30
    lobj_cdomsg.Configuration.Fields(cdoSendUsingMethod) =
cdoSendUsingPort
    lobj_cdomsg.Configuration.Fields.Update
    lobj_cdomsg.To = sTo
    lobj_cdomsg.From = sFrom
    lobj_cdomsg.Subject = sSubject
    lobj_cdomsg.TextBody = sBody
    If Trim$(sFilePath) <> vbNullString Then
        lobj_cdomsg.AddAttachment (sFilePath)
    End If
    lobj_cdomsg.Send
    Set lobj_cdomsg = Nothing
    SendMail = "ok"
    Exit Function
SendMail_Error:
    SendMail = Err.Description
End Function
Private Sub cmdSend_Click()
    Dim retVal    As String
    Dim objControl As Control
    'Send
    Frame1.Enabled = False
    Frame2.Enabled = False
    cmdSend.Enabled = False
    Label2.Caption = "Sending..."
    retVal = SendMail(Trim$(txtTo.Text), _
```

```

Trim$(txtSubject.Text), _
Trim$(txtFromName.Text) & "<" & Trim$(txtFromEmail.Text)
& ">", _
Trim$(txtMsg.Text), _
Trim$(txtServer.Text), _
CInt(Trim$(txtPort.Text)), _
Trim$(txtUsername.Text), _
Trim$(txtPassword.Text), _
Trim$(txtAttach.Text), _
CBool(chkSSL.Value)

Frame1.Enabled = True
Frame2.Enabled = True
cmdSend.Enabled = True

SQLsimpan = "INSERT INTO email
(email_pengirim,email_penerima,subject,message,gambar)" _
& " VALUES(" & txtFromEmail.Text & "," & _
& txtTo.Text & "," & txtSubject.Text & "," & _
txtMsg.Text & "','gambar17.jpg'"

KonekDb.Execute SQLsimpan, , adCmdText

End Sub

```

## 6. Form Email User (FormMainUser)

```

'-----
--
' Procedure : SendMail
' Author   : coolcurrent4u
' Date    : 4/19/2011
' Purpose  : sends email using the cdo namespace
' TODO    : check for attachment existence before passing it

```

' : Pass only number to port textfield or else it will throw an error

' Questions : Please ask in [vbforums.com](http://vbforums.com)

'-----

--

'

```
Public Function SendMail(sTo As String, sSubject As String, sFrom
As String, _
```

```
    sBody As String, sSmtpServer As String, iSmtpPort As Integer, _
```

```
    sSmtpUser As String, sSmtpPword As String, _
```

```
    sFilePath As String, bSmtpSSL As Boolean) As String
```

```
On Error GoTo SendMail_Error:
```

```
Dim lobj_cdomsg As CDO.Message
```

```
Set lobj_cdomsg = New CDO.Message
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServer) = sSmtpServer
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPServerPort) =
```

```
iSmtpPort
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPUseSSL) = bSmtpSSL
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPAuthenticate) =
```

```
cdoBasic
```

```
lobj_cdomsg.Configuration.Fields(cdoSendUserName) = sSmtpUser
```

```
lobj_cdomsg.Configuration.Fields(cdoSendPassword) =
```

```
sSmtpPword
```

```
lobj_cdomsg.Configuration.Fields(cdoSMTPConnectionTimeout) =
```

```
30
```

```
lobj_cdomsg.Configuration.Fields(cdoSendUsingMethod) =
```

```
cdoSendUsingPort
```

```
lobj_cdomsg.Configuration.Fields.Update
```

```
lobj_cdomsg.To = sTo
```

```
    obj_cdomsg.From = sFrom
    obj_cdomsg.Subject = sSubject
    obj_cdomsg.TextBody = sBody
    If Trim$(sFilePath) <> vbNullString Then
        obj_cdomsg.AddAttachment (sFilePath)
    End If
    obj_cdomsg.Send
    Set obj_cdomsg = Nothing
    SendMail = "ok"
    Exit Function
SendMail_Error:
    SendMail = Err.Description
End Function
Private Sub cmdSend_Click()
    Dim retVal    As String
    Dim objControl As Control
    retVal = SendMail("aosi.ahmad15@gmail.com", "Gambar", "Aosi"
& "<" & "ahmad_aosi@yahoo.co.id" & ">", "Mengirim Gambar
Deteksi Gerakan", "smtp.mail.yahoo.com", "465",
    "ahmad_aosi@yahoo.co.id", "Persib1923", "C:\Sistem Keamanan
Rumah\gambar\image17.jpg", CBool(chkSSL.Value))
End Sub
Private Sub Form_Load()
    ProgressBar1.Value = ProgressBar1.Min
    FormEmailUser.Hide
    Call cmdSend_Click
    If (retVal = "ok") Then
        FormEmailUser.Hide
    End If
End Sub
```

```
FormEmailUser.Hide
FormEmailUser.Hide
FormEmailUser.Hide
FormSecurityUser.Show
FormSecurityUser.Refresh
FormEmailUser.Hide
FormEmailUser.Hide
FormEmailUser.Hide
FormEmailUser.Hide
Else
FormEmailUser.Hide
FormEmailUser.Hide
FormEmailUser.Hide
Dim SQL
Dim cn As New ADODB.Connection
Dim rs As New ADODB.Recordset
cn.ConnectionString = "DSN=alarmsms"
cn.CursorLocation = adUseClient
cn.Open
```

#### 7. **Form Security (SistemKeamananRumah)**

```
Private Sub Logout_Click()
Unload FormSecurity
Form2.Show
End Sub

Private Sub About_Click()
frmAbout.Show
End Sub

Private Sub Command1_Click()
```

```
With MSComm1
    .CommPort = 1
    If .PortOpen Then .PortOpen = False
    .Settings = "9600,N,8,1"
    .DTREnable = True
    .RTSEnable = True
    .RThreshold = 1
    .SThreshold = 0
    .PortOpen = True
End With
End Sub
Private Sub Command2_Click()
    With MSComm1
        .PortOpen = False
        AngkaKey.Text = ""
        AngkaPtu.Text = ""
        AngkaPIR.Text = ""
        StatKey.Caption = "Sensor Non Aktif"
        StatPtu.Caption = "Sensor Non Aktif"
        StatPIR.Caption = "Sensor Non Aktif"
    End With
End Sub
Private Sub Command3_Click()
    FormEmail.Show
End Sub
Private Sub Command4_Click()
    Form3.Show
End Sub
```



```
Private Sub Command5_Click()
    frmKirimSMS.Show
End Sub

Private Sub Command6_Click()
    frmViewEmail.Show
End Sub

Public Sub Form_Load()
    Call Command1_Click
    Timer1.Interval = 5000
End Sub

Private Sub MSComm1_OnComm()
    Static Buffer As String
    Buffer = Buffer & MSComm1.Input
    If InStr(Buffer, vbCrLf) Then
        Dim TempBuffer() As String
        TempBuffer = Split(Buffer, vbCrLf)
        If UBound(TempBuffer) >= 3 Then
            AngkaKey.Text = TempBuffer(2)
            AngkaPtu.Text = TempBuffer(1)
            AngkaPIR.Text = TempBuffer(0)
            If CInt(AngkaKey.Text) > 0 Then
                StatKey.ForeColor = &H8000&
                StatKey.Caption = "Anak Kunci Menutup"
            Else
                StatKey.ForeColor = 255
                StatKey.Caption = "Anak Kunci Membuka"
            End If
        End If
        If CInt(AngkaPtu.Text) > 0 Then
```

```
StatPtu.ForeColor = &H8000&
StatPtu.Caption = "Pintu Tertutup"
Else
StatPtu.ForeColor = 255
StatPtu.Caption = "Pintu Terbuka"
End If
If CLng(AngkaPIR.Text) > 0 Then
StatPIR.ForeColor = 255
StatPIR.Caption = "Pergerakan Terdeteksi"
Else
StatPIR.ForeColor = &H8000&
StatPIR.Caption = "Tidak Ada Pergerakan"
End If
Dim i As Double
Buffer = ""
For i = 3 To UBound(TempBuffer) - 1
Buffer = Buffer & TempBuffer(i)
Next i
End If
End If
End Sub
Public Sub Timer1_Timer()
Dim Pesan As String
Pesan = "Status Keamanan Rumah : " + StatKey.Caption + "-" +
StatPtu.Caption + "-" + StatPIR.Caption
Dim sFileText As String
Dim iFileNo As Integer
iFileNo = FreeFile
```

**8. Form Security User (SistemKeamananRumah)**

```
Private Sub About_Click()  
    frmAbout.Show  
End Sub  
  
Private Sub Command1_Click()  
    With MSComm1  
        .CommPort = 1  
        If .PortOpen Then .PortOpen = False  
        .Settings = "9600,N,8,1"  
        .DTREnable = True  
        .RTSEnable = True  
        .RThreshold = 1  
        .SThreshold = 0  
        .PortOpen = True  
    End With  
End Sub  
  
Private Sub Command2_Click()  
    With MSComm1  
        .PortOpen = False  
        AngkaKey.Text = ""  
        AngkaPtu.Text = ""  
        AngkaPIR.Text = ""  
        StatKey.Caption = "Sensor Non Aktif"  
        StatPtu.Caption = "Sensor Non Aktif"  
        StatPIR.Caption = "Sensor Non Aktif"  
    End With  
End Sub
```

```
Public Sub Form_Load()  
    Call Command1_Click  
    Timer1.Interval = 5000  
End Sub  
  
Private Sub Logout_Click()  
    Unload FormSecurityUser  
    Form2.Show  
End Sub  
  
Private Sub MSComm1_OnComm()  
    Static Buffer As String  
    Buffer = Buffer & MSComm1.Input  
    If InStr(Buffer, vbCrLf) Then  
        Dim TempBuffer() As String  
        TempBuffer = Split(Buffer, vbCrLf)  
        If UBound(TempBuffer) >= 3 Then  
            AngkaKey.Text = TempBuffer(2)  
            AngkaPtu.Text = TempBuffer(1)  
            AngkaPIR.Text = TempBuffer(0)  
            If Cint(AngkaKey.Text) > 0 Then  
                StatKey.ForeColor = &H8000&  
                StatKey.Caption = "Anak Kunci Menutup"  
            Else  
                StatKey.ForeColor = 255  
                StatKey.Caption = "Anak Kunci Membuka"  
            End If  
        End If  
        If Cint(AngkaPtu.Text) > 0 Then  
            StatPtu.ForeColor = &H8000&  
            StatPtu.Caption = "Pintu Tertutup"        End If  
    End If  
End Sub
```

```
Else
    StatPtu.ForeColor = 255
    StatPtu.Caption = "Pintu Terbuka"
End If
If CLng(AngkaPIR.Text) > 0 Then
    StatPIR.ForeColor = 255
    StatPIR.Caption = "Pergerakan Terdeteksi"
Else
    StatPIR.ForeColor = &H8000&
    StatPIR.Caption = "Tidak Ada Pergerakan"
End If
Dim i As Double
Buffer = ""
For i = 3 To UBound(TempBuffer) - 1
    Buffer = Buffer & TempBuffer(i)
Next i
End If
End If
End Sub
Public Sub Timer1_Timer()
Dim Pesan As String
Pesan = "Status Keamanan Rumah : " + StatKey.Caption + "-" +
StatPtu.Caption + "-" + StatPIR.Caption
Dim sFileText As String
Dim iFileNo As Integer
iFileNo = FreeFile
Open "C:\KirimSMS.txt" For Output As #iFileNo
```

**9. Form About (FormAbout)**

Option Explicit

Const READ\_CONTROL = &H20000

Const KEY\_QUERY\_VALUE = &H1

Const KEY\_SET\_VALUE = &H2

Const KEY\_CREATE\_SUB\_KEY = &H4

Const KEY\_ENUMERATE\_SUB\_KEYS = &H8

Const KEY\_NOTIFY = &H10

Const KEY\_CREATE\_LINK = &H20

Const KEY\_ALL\_ACCESS = KEY\_QUERY\_VALUE +  
KEY\_SET\_VALUE + KEY\_CREATE\_SUB\_KEY +  
KEY\_ENUMERATE\_SUB\_KEYS + KEY\_NOTIFY +  
KEY\_CREATE\_LINK + READ\_CONTROL

Const HKEY\_LOCAL\_MACHINE = &H80000002

Const ERROR\_SUCCESS = 0

Const REG\_SZ = 1

Const REG\_DWORD = 4

Const gREGKEYSYSINFOLOC =

"SOFTWARE\Microsoft\Shared Tools Location"

Const gREGVALSYSINFOLOC = "MSINFO"

Const gREGKEYSYSINFO = "SOFTWARE\Microsoft\Shared  
Tools\MSINFO"

Const gREGVALSYSINFO = "PATH"

Private Declare Function RegOpenKeyEx Lib "advapi32" Alias  
"RegOpenKeyExA" (ByVal hKey As Long, ByVal lpSubKey As  
String, ByVal ulOptions As Long, ByVal samDesired As Long,  
ByRef phkResult As Long) As Long

```
Private Declare Function RegQueryValueEx Lib "advapi32" Alias
"RegQueryValueExA" (ByVal hKey As Long, ByVal
lpValueName As String, ByVal lpReserved As Long, ByRef
lpType As Long, ByVal lpData As String, ByRef lpcbData As
Long) As Long
Private Declare Function RegCloseKey Lib "advapi32" (ByVal
hKey As Long) As Long
Private Sub cmdSysInfo_Click()
    Call StartSysInfo
End Sub
Private Sub cmdOK_Click()
    Unload Me
End Sub
Private Sub Form_Load()
    lblVersion.Caption = "Version " & App.Major & "." &
App.Minor & "." & App.Revision
End Sub
Public Sub StartSysInfo()
    On Error GoTo SysInfoErr
    Dim rc As Long
    Dim SysInfoPath As String
    If GetKeyValue(HKEY_LOCAL_MACHINE,
gREGKEYSYSINFO, gREGVALSYSINFO, SysInfoPath) Then
        ElseIf GetKeyValue(HKEY_LOCAL_MACHINE,
gREGKEYSYSINFOLOC, gREGVALSYSINFOLOC,
SysInfoPath) Then
            If (Dir(SysInfoPath & "\MSINFO32.EXE") <> "") Then
                SysInfoPath = SysInfoPath & "\MSINFO32.EXE"
```

```
Else
    GoTo SysInfoErr
End If
Else
    GoTo SysInfoErr
End If
Call Shell(SysInfoPath, vbNormalFocus)
Exit Sub
SysInfoErr:
    MsgBox "System Information Is Unavailable At This Time",
vbOKOnly
End Sub
Public Function GetKeyValue(KeyRoot As Long, KeyName As
String, SubKeyRef As String, ByRef KeyVal As String) As
Boolean
    Dim i As Long
    Dim rc As Long
    Dim hKey As Long
    Dim hDepth As Long
    Dim KeyValType As Long
    Dim tmpVal As String
    Dim KeyValSize As Long
    rc = RegOpenKeyEx(KeyRoot, KeyName, 0,
KEY_ALL_ACCESS, hKey)
    If (rc <> ERROR_SUCCESS) Then GoTo GetKeyError
    tmpVal = String$(1024, 0)
    KeyValSize = 1024
```



```
rc = RegQueryValueEx(hKey, SubKeyRef, 0, _
    KeyValType, tmpVal, KeyValSize)
If (rc <> ERROR_SUCCESS) Then GoTo GetKeyError
If (Asc(Mid(tmpVal, KeyValSize, 1)) = 0) Then
    tmpVal = Left(tmpVal, KeyValSize - 1)
Else
    tmpVal = Left(tmpVal, KeyValSize)
End If
Select Case KeyValType
Case REG_SZ
    KeyVal = tmpVal
Case REG_DWORD
    For i = Len(tmpVal) To 1 Step -1
        KeyVal = KeyVal + Hex(Asc(Mid(tmpVal, i, 1)))
    Next
    KeyVal = Format$(" &h" + KeyVal)
End Select
GetKeyValue = True
rc = RegCloseKey(hKey)
Exit Function
GetKeyError:
    KeyVal = ""
    GetKeyValue = False
    rc = RegCloseKey(hKey)
End Function
```

#### **10. Form Kirim SMS (FormKirimSMS)**

```
Private Sub cmdedit_Click()
```

```
SQLubah = "UPDATE outbox " _
    & " set DestinationNumber=" & txtDestinationNumber.Text
& ", " _
    & " TextDecoded=" & txtTextDecoded.Text & " " _
    & " WHERE ID=" & txtID.Text & ""
KonekDb.Execute SQLubah, , adCmdText
Call kosong
Call Form_Load
MsgBox "DATA outbox TELAH DIUBAH", vbOKOnly +
vbInformation, "Konfirmasi"
Rs_outbox.Requery
Call TampilGridDataoutbox
End Sub
Private Sub cmdhapus_Click()
hapus = MsgBox("yakin ingin menghapus data ini?", vbQuestion +
vbYesNo, "Hapus")
If hapus = vbYes Then
    SQL = "DELETE FROM outbox WHERE ID=" & txtID.Text &
    ""
    KonekDb.Execute SQL, , adCmdText
    Rs_outbox.Requery
    Call kosong
    Call TampilGridDataoutbox
    Call TampilGridDatasantitem
Else
    Call kosong
End If
End Sub
```

```
Private Sub cmdkeluar_Click()
Unload Me
End Sub
Sub kosong()
txtID.Text = ""
txtDestinationNumber.Text = ""
txtTextDecoded.Text = ""
txtstatus.Text = ""
End Sub
Private Sub cmdsimpan_Click()
Set Rs_outbox = New ADODB.Recordset
    Rs_outbox.Open "SELECT * FROM outbox WHERE ID=" &
txtID.Text & "", _
    KonekDb, adOpenDynamic, adLockBatchOptimistic
If Rs_outbox.BOF Then
    SQLsimpan = ""
    SQLsimpan = "INSERT INTO outbox
(DestinationNumber,TextDecoded)" _
    & " VALUES(" & txtDestinationNumber.Text & "," & _
    & txtTextDecoded.Text & ")"
    KonekDb.Execute SQLsimpan, , adCmdText
    Call Form_Load
    MsgBox "DATA BARU TELAH TERSIMPAN",
vbOKOnly + vbInformation, "INFO"
Else
End If
Rs_outbox.Requery
Call kosong
```

```
Call TampilGridDataoutbox
Call TampilGridDataentitem
End Sub
Private Sub Form_Load()
Call BukaDatabase
Call TampilGridDataoutbox
Call TampilGridDataentitem
End Sub
Sub Aktifgridoutbox()
  With gridoutbox
    .Cols = 3
    .RowHeightMin = 300
    .Col = 0
    .Row = 0
    .Text = "ID"
    .CellFontBold = True
    .ColWidth(0) = 700
    .AllowUserResizing = flexResizeColumns
    .CellAlignment = flexAlignCenterCenter
    .Col = 1
    .Row = 0
    .Text = "NO. TUJUAN"
    .CellFontBold = True
    .ColWidth(1) = 1500
    .AllowUserResizing = flexResizeColumns
    .CellAlignment = flexAlignCenterCenter
    .Col = 2
    .Row = 0
```

**11. Form View Email (FormViewEmail)**

```
Private Sub cmdedit_Click()
```

```
    SQLubah = "UPDATE email " & " set email_pengirim=" &
    txtemail_pengirim.Text & ", " & " email_penerima=" &
    txtemail_penerima.Text & ", " & " subject=" & txtSubject.Text & ", "
    & " message=" & txtmessage.Text & ", " & " gambar=" &
    txtgambar.Text & " " & " WHERE id_email=" & txtid_email.Text &
    ""
```

```
    KonekDb.Execute SQLubah, , adCmdText
```

```
    Call kosong
```

```
    Call Form_Load
```

```
    MsgBox "DATA email TELAH DIUBAH", vbOKOnly +
    vbInformation, "Konfirmasi"
```

```
    Rs_email.Requery
```

```
    Call TampilGridDataemail
```

```
End Sub
```

```
Private Sub cmdhapus_Click()
```

```
    hapus = MsgBox("yakin ingin menghapus data ini?", vbQuestion +
    vbYesNo, "Hapus")
```

```
    If hapus = vbYes Then
```

```
        SQL = "DELETE FROM email WHERE id_email=" &
        txtid_email.Text & ""
```

```
        KonekDb.Execute SQL, , adCmdText
```

```
        Rs_email.Requery
```

```
        Call kosong
```

```
        Call TampilGridDataemail
```

```
    Else
```

```
        Call kosong
```

```
End If
End Sub
Private Sub cmdkeluar_Click()
Unload Me
End Sub
Sub kosong()
txtid_email.Text = ""
txtemail_pengirim.Text = ""
txtemail_penerima.Text = ""
txtSubject.Text = ""
txtmessage.Text = ""
txtgambar.Text = ""
End Sub
Private Sub cmdsimpan_Click()
Set Rs_email = New ADODB.Recordset
Rs_email.Open "SELECT * FROM email WHERE id_email="
& txtid_email.Text & "", _
KonekDb, adOpenDynamic, adLockBatchOptimistic
If Rs_email.BOF Then
SQLsimpan = ""
SQLsimpan = "INSERT INTO email
(email_pengirim,email_penerima,subject,message,gambar)" _
& " VALUES(" & txtemail_pengirim.Text & "," & _
& txtemail_penerima.Text & "," & txtSubject.Text & "," & _
& txtmessage.Text & "," & txtgambar.Text & ")"
KonekDb.Execute SQLsimpan, , adCmdText
Call Form_Load
```

```
MsgBox "DATA BARU TELAH TERSIMPAN",  
vbOKOnly + vbInformation, "INFO"  
Else  
End If  
Rs_email.Requery  
Call kosong  
Call TampilGridDataemail  
End Sub  
Private Sub Form_Load()  
Call BukaDatabase  
Call TampilGridDataemail  
End Sub  
Sub Aktifgridemail()  
With gridemail  
.Cols = 6  
.RowHeightMin = 300  
.Col = 0  
.Row = 0  
.Text = "ID EMAIL"  
.CellFontBold = True  
.ColWidth(0) = 900  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter  
.Col = 1  
.Row = 0  
.Text = "EMAIL PENGIRIM"  
.CellFontBold = True  
.ColWidth(1) = 2500
```

## 12. Koneksi

Option Explicit

Public KonekDb As New ADODB.Connection

Public Rs\_outbox As New ADODB.Recordset

Public Rs\_email As New ADODB.Recordset

Public rs As New ADODB.Recordset

Public str As New ADODB.Stream

Public SQLubah, SQLsimpan, SQLhapus As String

Sub BukaDatabase()

    Dim strSS, strPort, strDB, strUID, strPWD As String

        strSS = "localhost"

        strPort = "3306"

        strDB = "alarmsmsdb"

        strUID = "root"

        strPWD = "root"

    Set KonekDb = New ADODB.Connection

    KonekDb.CursorLocation = adUseClient

    KonekDb.ConnectionString = "" \_

        & "DRIVER={MYSQL ODBC 5.2 Unicode Driver};" \_

        & "SERVER=" & strSS & ";" \_

        & "DATABASE=" & strDB & ";" \_

        & "UID=" & strUID & ";" \_

        & "PWD=" & strPWD & ";" \_

        & "OPTION="

    On Error Resume Next

    If KonekDb.State = adStateOpen Then

        KonekDb.Close



```
Set KonekDb = New ADODB.Connection
KonekDb.Open
Else
    KonekDb.Open
End If
If Err.Number <> 0 Then
    MsgBox "GAGAL KONEKSI SERVER", vbOKOnly,
    "Kesalahan"
End If
End Sub
```