e As MouseEventArgs) Handles ABOUT BOX MyBase.MouseDown If e.Button = Public NotInheritable Class AboutBox Windows.Forms.MouseButtons.Left Then mouseOffset = New Point(-Private Sub AboutBox Load(ByVal e.X, -e.Y) sender As System.Object, ByVal e As isMouseDown = True System.EventArgs) Handles MyBase.Load End If ' Set the title of the form. End Sub Dim ApplicationTitle As String Private Sub If My.Application.Info.Title AboutBox MouseMove(sender As Object, <> "" Then e As MouseEventArgs) Handles ApplicationTitle = MyBase.MouseMove My.Application.Info.Title If isMouseDown Then Dim mousePos As Point = ApplicationTitle = Control.MousePosition System.IO.Path.GetFileNameWithoutExte nsion(My.Application.Info.AssemblyNam mousePos.Offset(mouseOffset.X, mouseOffset.Y) End If Me.Location = mousePos Me.Text = End If String.Format("About {0}", End Sub ApplicationTitle) ' Initialize all of the text Private Sub displayed on the About Box. AboutBox MouseUp(sender As Object, e ' TODO: Customize the As MouseEventArgs) Handles application's assembly information in MyBase.MouseUp the "Application" pane of the project If e.Button = properties dialog (under Windows.Forms.MouseButtons.Left Then the "Project" menu). isMouseDown = False Me.LabelProductName.Text = End If My.Application.Info.ProductName End Sub Me.LabelVersion.Text = String.Format("Version {0}", End Class My.Application.Info.Version.ToString) Me.LabelCopyright.Text = My.Application.Info.Copyright **ADDITION** Me.LabelCompanyName.Text = My.Application.Info.CompanyName Me.TextBoxDescription.Text = Public Class Addition My.Application.Info.Description End Sub Dim NotifyIcon1 As Object

Private Sub OKButton_Click(ByVal

Private isMouseDown As Boolean =

Private mouseOffset As Point

AboutBox_MouseDown(sender As Object,

sender As System.Object, ByVal e As

System.EventArgs) Handles

Me.Close()

OKButton.Click

End Sub

Private Sub

False

Private Sub Addition_Load(sender

As Object, e As EventArgs) Handles MyBase.Load Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim current As Integer connection = "Data

Source=BERMUNDO-PC; Initial Catalog=SystemDB; Integrated Security=True"

sqlcon = New	ElseIf
SqlConnection(connection)	RadioButton2.Checked() Then
Try	gender = 0
sqlcon.Open()	End If
query = "SELECT	<pre>If RadioButton5.Checked()</pre>
MAX(hosind) AS HighestValue FROM	Then
patient WHERE hosind LIKE '" +	mstatus = 2
Year(Now).ToString + "%';"	ElseIf
command = New	RadioButton6.Checked() Then
SqlCommand(query, sqlcon)	mstatus = 1
reader =	ElseIf
command.ExecuteReader()	RadioButton7.Checked() Then
While reader.Read()	mstatus = 0
<pre>If reader.IsDBNull(0)</pre>	End If
= True Then	If
current =	ComboBox1.SelectedIndex < 9 Then
CInt(Year(Now).ToString + "000000")	month = "0" +
ElseIf	CStr(ComboBox1.SelectedIndex + 1)
reader.IsDBNull(0) = False Then	ElseIf
current =	ComboBox1.SelectedIndex > 8 Then
reader.GetInt32(0)	month =
End If	CStr(ComboBox1.SelectedIndex + 1)
End While	End If
Label2.Text = current + 1	If
sqlcon.Close()	ComboBox2.SelectedIndex < 9 Then
Catch ex As SqlException	days = "0" +
Managar Bass (Shares/ass Managar)	ComboBox2.Text
MessageBox.Show(ex.Message)	ElseIf
End Try	ComboBox2.SelectedIndex > 8 Then
End Sub	days = ComboBox2.Text
	End If
Private Sub Button1_Click(sender	sqlcon.Open()
As Object, e As EventArgs) Handles	query = "SELECT
Button1.Click	patient.hosind FROM record JOIN
Dim connection As String	patient ON
Dim sqlcon As SqlConnection	record.hosind=patient.hosind WHERE
Dim command As SqlCommand	patient.fname='" + TextBox1.Text + "'
Dim reader As SqlDataReader	AND patient.mname='" + TextBox2.Text
Dim query As String	+ "' AND patient.sname='" +
Dim gender As Integer	TextBox3.Text + "' AND
Dim mstatus As Integer	patient.birthdate='" + ComboBox3.Text
Dim hosind As Integer	+ "-" + month + "-" + days + "' AND
Dim month As String	record.disposition='6';"
Dim days As String	command = New
Dim penalty As Boolean =	SqlCommand(query, sqlcon)
False	reader =
Dim admit As DialogResult	command.ExecuteReader()
Dim result As DialogResult	While reader.Read()
connection = "Data	hosind =
Source=BERMUNDO-PC; Initial	reader.GetInt32(0)
Catalog=SystemDB; Integrated	penalty = True
Security=True"	End While
sqlcon = New	sqlcon.Close()
SqlConnection(connection)	sqlcon.Open()
Try Tf PadioPutton1 (hocked()	result =
<pre>If RadioButton1.Checked() Then</pre>	MessageBox.Show("Are the informations
Then 2 and 2 1	above correct? Do you want this
gender = 1	patient information to be saved?",

```
"Addition Confirmation",
                                              Select Case result
MessageBoxButtons.YesNo,
MessageBoxIcon.Question)
            Select Case result
                                              Case DialogResult.Yes
                Case DialogResult.Yes
                    Select Case
                                              indextmp = CInt(Label2.Text)
penalty
                        Case True
                                              Me.Close()
                            admit =
MessageBox.Show("Patient was found in
                                              Admission.Show()
the absconded list with index " +
hosind.ToString + ". Do you still
                                              Case DialogResult.No
want to save this patient?",
"Absconded Patient Found",
                                              Me.Close()
MessageBoxButtons.YesNo,
                                              Admin.Show()
MessageBoxIcon.Warning)
                             Select
Case admit
                                              End Select
                                                                               Case
                                 Case
DialogResult.Yes
                                              DialogResult.No
NotifyIcon1 = Admin.NotifyIcon1
                                              result = MessageBox.Show("Patient was
                                              found in the absconded list. Do you
NotifyIcon1.BalloonTipIcon =
                                              still want to admit this patient with
ToolTipIcon.Info
                                              index " + hosind.ToString + "?",
                                              "Admission Message",
NotifyIcon1.BalloonTipText = "New
                                              MessageBoxButtons.YesNo,
patient has been saved."
                                              MessageBoxIcon.Warning)
NotifyIcon1.BalloonTipTitle =
                                              Select Case result
"Patient Registered"
                                              Case DialogResult.Yes
NotifyIcon1.ShowBalloonTip(3000)
                                              indextmp = hosind
query = "INSERT INTO patient (hosind,
fname, mname, sname, birthdate,
                                              Me.Close()
gender, address, mstatus, contact)
VALUES ('" + Label2.Text + "', '" +
                                              Admission.Show()
TextBox1.Text + "', '" +
TextBox2.Text + "'
                                              Case DialogResult.No
TextBox3.Text + "', '" +
ComboBox3.Text + "-" + month + "-" +
                                              Me.Close()
days + "', '" + gender.ToString + "'
'" + TextBox4.Text + "', '" + mstatus.ToString + "', '" +
                                              Admin.Show()
TextBox5.Text + "');"
                                              End Select
                                                                           End
command = New SqlCommand(query,
                                              Select
                                                                       Case False
sqlcon)
reader = command.ExecuteReader()
                                              NotifyIcon1 = Admin.NotifyIcon1
                                              NotifyIcon1.BalloonTipIcon =
result = MessageBox.Show("New record
has been saved. Do you want to admit
                                              ToolTipIcon.Info
this patient?", "Admission Message",
MessageBoxButtons.YesNo,
                                              NotifyIcon1.BalloonTipText = "New
MessageBoxIcon.Question)
                                              patient has been saved."
```

NotifyIcon1.BalloonTipTitle =		Private Sub
"Patient Registered"		Addition_MouseDown(sender As Object,
		e As MouseEventArgs) Handles
NotifyIcon1.ShowBalloonTip(3000)	MyBase.MouseDown
-	ry =	<pre>If e.Button =</pre>
"INSERT INTO patient (hosind, f	•	Windows.Forms.MouseButtons.Left Then
mname, sname, birthdate, gender		<pre>mouseOffset = New Point(-</pre>
address, mstatus, contact) VALU		e.X, -e.Y)
+ Label2.Text + "', '" +		isMouseDown = True
TextBox1.Text + "', '" +		End If
		End Sub
TextBox2.Text + "', '" +		Ella Sub
TextBox3.Text + "', '" +		
ComboBox3.Text + "-" + month +	~~ +	Private Sub
days + "', '" + gender.ToString	+ "',	Addition_MouseMove(sender As Object,
'" + TextBox4.Text + "', '" +		e As MouseEventArgs) Handles
mstatus.ToString + "', '" +		MyBase.MouseMove
<pre>TextBox5.Text + "');"</pre>		If isMouseDown Then
com	mand =	<pre>Dim mousePos As Point =</pre>
New SqlCommand(query, sqlcon)		Control.MousePosition
	der =	
<pre>command.ExecuteReader()</pre>		<pre>mousePos.Offset(mouseOffset.X,</pre>
	ult =	mouseOffset.Y)
MessageBox.Show("New record has		Me.Location = mousePos
saved. Do you want to admit thi		End If
•	3	End Sub
patient?", "Admission Message",		Ella Sub
MessageBoxButtons.YesNo,		
MessageBoxIcon.Question)		Private Sub
	ect	Addition_MouseUp(sender_As Object, e
Case result		As MouseEventArgs) Handles
	Case	MyBase.MouseUp
DialogResult.Yes		<pre>If e.Button =</pre>
		Windows.Forms.MouseButtons.Left Then
<pre>indextmp = CInt(Label2.Text)</pre>		isMouseDown = False
		End If
Me.Close()		End Sub
•		
Admission.Show()		Private Sub Button2_Click(sender
(,	Case	As Object, e As EventArgs) Handles
DialogResult.No	cusc	Button2.Click
Didiognesdie:No		
Ma Class()		Me.Close()
Me.Close()		End Sub
Admit a Charact		Fud 61
Admin.Show()		End Class
End		
Select		
End Select		ADMIN
End Select		ADIVIIN
<pre>sqlcon.Close()</pre>		Towards Coston Data Californi
Catch ex As SqlExceptio	n	Imports System.Data.SqlClient
. ,		Public Class Admin
<pre>MessageBox.Show(ex.Message)</pre>		
End Try		Private Sub Admin_Load(sender As
End Sub		Object, e As EventArgs) Handles
		MyBase.Load
Private isMouseDown As Bool	ean =	Dim connection As String
False	can -	Dim sqlcon As SqlConnection
Private mouseOffset As Poin	+	Dim command As SqlCommand
PLIVATE MOUSEOLISEL AS POIN	L	ı

```
Dim reader As SqlDataReader
                                             reader.GetString(3).Substring(0, 1) +
        Dim query As String
                                             ". " + reader.GetString(4))
                                                             Select Case
        Dim length As Integer
        Dim height As Integer
                                             reader.GetInt32(5)
        Dim list As ListViewItem
                                                                 Case 0:
        connection = "Data
                                             list.Group =
                                             ListView1.Groups("ListViewGroup1")
Source=BERMUNDO-PC; Initial
Catalog=SystemDB; Integrated
                                                                 Case 1:
Security=True"
                                             list.Group =
        sqlcon = New
                                             ListView1.Groups("ListViewGroup2")
SqlConnection(connection)
                                                                 Case 2:
                                             list.Group =
        Try
            Label1.Text =
                                             ListView1.Groups("ListViewGroup3")
Date.Now().ToString("MMMM dd, yyyy")
                                                                 Case 3:
            Label2.Text =
                                             list.Group =
Date.Now().ToString("hh:mm:ss tt")
                                             ListView1.Groups("ListViewGroup4")
                                                             End Select
            Timer1.Start()
            Timer2.Start()
            sqlcon.Open()
                                             list.SubItems.Add(reader.GetString(6)
            query = "UPDATE accounts
                                             + "-" + reader.GetInt32(7).ToString)
SET accounts.status='True' WHERE
accounts.username='" + details(0) +
                                             list.SubItems.Add(reader.GetString(8)
"' AND accounts.password='" +
details(1) + "';"
            command = New
                                             list.SubItems.Add(reader.GetString(9)
                                             + " " +
SqlCommand(query, sqlcon)
            reader =
                                             reader.GetString(10).Substring(0, 1)
command.ExecuteReader()
                                             + ". " + reader.GetString(11))
            sqlcon.Close()
            ListView1.Items.Clear()
                                             list.SubItems.Add(reader.GetString(12
            sqlcon.Open()
            query = "SELECT
record.casenum, record.hosind,
                                             list.SubItems.Add(reader.GetString(13
patient.fname, patient.mname,
                                             ))
patient.sname, room.category,
                                                             length =
                                             DateTime.Now.Subtract(CDate(reader.Ge
room.roomid, room.roombed,
record.diagnosis, physician.fname,
                                             tString(12))).TotalDays
physician.mname, physician.sname,
record.datead, record.timead,
                                             list.SubItems.Add(length)
room.approve FROM room JOIN record ON
record.casenum=room.casenum JOIN
                                             list.SubItems.Add(reader.GetBoolean(1
patient ON
                                             4))
record.hosind=patient.hosind JOIN
physician ON
                                             ListView1.Items.Add(list)
record.mdnum=physician.mdnum WHERE
                                                             height =
record.disposition IS NULL;"
                                             ListView1.Items.Count
            command = New
                                                             If height > 15 Then
SqlCommand(query, sqlcon)
                                             ColumnHeader3.Width = 145
            reader =
command.ExecuteReader()
            While reader.Read()
                                             ColumnHeader5.Width = 99
                list = New
ListViewItem(reader.GetInt32(0))
                                             ColumnHeader21.Width = 145
                                                             ElseIf height < 16
list.SubItems.Add(reader.GetInt32(1))
                                             Then
list.SubItems.Add(reader.GetString(2)
                                             ColumnHeader3.Width = 150
+ " " +
```

ColumnHeader5.Width = 106	NotifyIcon1.BalloonTipIcon = ToolTipIcon.Info
ColumnHeader21.Width = 150	
End If	NotifyIcon1.BalloonTipText = "Welcome
counter(0) =	Administrator!"
counter(0) + 1	
End While	NotifyIcon1.BalloonTipTitle = "Login
sqlcon.Close()	Successful"
sqlcon.Open()	
query = "SELECT	NotifyIcon1.ShowBalloonTip(3000)
room.casenum, patient.hosind,	Catch ex As SqlException
patient.fname, patient.mname,	
patient.sname, room.category,	<pre>MessageBox.Show(ex.Message)</pre>
room.roomno FROM room JOIN record ON	End Try
record.casenum=room.casenum JOIN	End Sub
patient ON	
record.hosind=patient.hosind WHERE	Private Sub Button4_Click(sender
room.casenum IS NOT NULL AND	As Object, e As EventArgs) Handles
record.status='True' AND	Button4.Click
<pre>room.approve='False';"</pre>	Dim connection As String
command = New	Dim sqlcon As SqlConnection
SqlCommand(query, sqlcon)	Dim command As SqlCommand
reader =	Dim reader As SqlDataReader
<pre>command.ExecuteReader()</pre>	Dim query As String
While reader.Read()	Dim result As DialogResult
counter(1) =	connection = "Data
counter(1) + 1	Source=BERMUNDO-PC;Initial
End While	Catalog=SystemDB; Integrated
<pre>sqlcon.Close()</pre>	Security=True"
sqlcon.Open()	sqlcon = New
query = "SELECT	SqlConnection(connection)
record.casenum, record.hosind,	Try
patient.fname, patient.mname,	result =
patient.sname, room.roomno,	MessageBox.Show("Are you sure to
record.diagnosis, record.datead,	logout your account now?", "Logout
room.category FROM room JOIN record	Confirmation",
ON record.casenum=room.casenum JOIN	MessageBoxButtons.YesNo,
patient ON	MessageBoxIcon.Question)
patient.hosind=record.hosind WHERE	Select Case result
record.status='False' AND	Case DialogResult.Yes
record.disposition IS NULL"	sqlcon.Open()
command = New	query = "UPDATE
SqlCommand(query, sqlcon)	accounts SET accounts.status='False'
reader =	WHERE accounts.username='" +
<pre>command.ExecuteReader()</pre>	details(0) + "' AND
While reader.Read()	accounts.password='" + details(1) +
counter(2) =	"1,"
counter(2) + 1	command = New
End While	SqlCommand(query, sqlcon)
TextBox5.Text =	reader =
counter(0)	<pre>command.ExecuteReader()</pre>
TextBox2.Text =	<pre>sqlcon.Close()</pre>
counter(1)	Me.Close()
TextBox3.Text =	Login.Show()
counter(2)	End Select
	Catch ex As SqlException

	Private Sub
<pre>MessageBox.Show(ex.Message)</pre>	Admin_MouseDown(sender As Object, e
End Try	As MouseEventArgs) Handles
End Sub	MyBase.MouseDown
	<pre>If e.Button =</pre>
Private Sub Button1_Click(sender	Windows.Forms.MouseButtons.Left Then
As Object, e As EventArgs) Handles	<pre>mouseOffset = New Point(</pre>
Button1.Click	e.X, -e.Y)
<pre>Me.SendToBack()</pre>	isMouseDown = True
Rooms.Show()	End If
End Sub	End Sub
Private Sub Button5_Click(sender	Private Sub
As Object, e As EventArgs) Handles	Admin_MouseMove(sender As Object, e
Button5.Click	As MouseEventArgs) Handles
Dim result As DialogResult	MyBase.MouseMove
result =	If isMouseDown Then
MessageBox.Show("Will you admit an	Dim mousePos As Point =
old patient of the hospital?",	Control.MousePosition
"Patient Confirmation",	
MessageBoxButtons.YesNoCancel,	<pre>mousePos.Offset(mouseOffset.X,</pre>
MessageBoxIcon.Question)	mouseOffset.Y)
Select Case result	Me.Location = mousePos
Case DialogResult.Yes	End If
Me.SendToBack()	End Sub
<pre>Index.Show()</pre>	
Case DialogResult.No	Private Sub Admin_MouseUp(sender
Me.SendToBack()	As Object, e As MouseEventArgs)
Addition.Show()	Handles MyBase.MouseUp
End Select	If e.Button =
End Sub	Windows.Forms.MouseButtons.Left Then
	isMouseDown = False
Private Sub Button9_Click(sender	End If
As Object, e As EventArgs) Handles	End Sub
Button9.Click	Duiveta Cub Timout Tieldeanden A
Me.SendToBack()	Private Sub Timer1_Tick(sender As
Addition.Show()	Object, e As EventArgs) Handles Timer1.Tick
End Sub	
Drivete Cub Button7 Click/conden	Dim connection As String
Private Sub Button7_Click(sender	Dim sqlcon As SqlConnection
As Object, e As EventArgs) Handles Button7.Click	Dim command As SqlCommand Dim reader As SqlDataReader
Me.SendToBack()	•
• • • • • • • • • • • • • • • • • • • •	Dim query As String Dim length As Integer
Discharge.Show() End Sub	Dim height As Integer
Ella Sub	Dim tmpcnt() As Integer = {0
Private Sub Button3 Click(sender	0, 0}
As Object, e As EventArgs) Handles	Dim list As ListViewItem
Button3.Click	connection = "Data
Me.SendToBack()	Source=BERMUNDO-PC;Initial
Search.Show()	Catalog=SystemDB;Integrated
End Sub	Security=True"
LIIU JUU	sqlcon = New
Private isMouseDown As Boolean =	SqlConnection(connection)
False	Try
Private mouseOffset As Point	sqlcon.Open()
LI TAUTE MONZEOLIZET WZ LOTHE	query = "SELECT
	record.casenum, record.hosind,
	record.casendii, record.llusiilu,

```
Select Case
patient.fname, patient.mname,
                                             reader.GetInt32(5)
patient.sname, room.category,
room.roomno, record.diagnosis,
                                                                      Case 0:
physician.fname, physician.mname,
                                             list.Group =
                                             ListView1.Groups("ListViewGroup1")
physician.sname, record.datead,
record.timead, room.approve FROM room
                                                                      Case 1:
JOIN record ON
                                             list.Group =
                                             ListView1.Groups("ListViewGroup2")
record.casenum=room.casenum JOIN
patient ON
                                                                      Case 2:
record.hosind=patient.hosind JOIN
                                             list.Group =
                                             ListView1.Groups("ListViewGroup3")
physician ON
record.mdnum=physician.mdnum WHERE
                                                                      Case 3:
record.disposition IS NULL;"
                                             list.Group =
            command = New
                                             ListView1.Groups("ListViewGroup4")
SqlCommand(query, sqlcon)
                                                                 End Select
            reader =
                                             list.SubItems.Add(reader.GetString(6)
command.ExecuteReader()
            While reader.Read()
                                             + "-" + reader.GetInt32(7).ToString)
                tmpcnt(0) = tmpcnt(0)
+ 1
                                             list.SubItems.Add(reader.GetString(8)
            End While
            sqlcon.Close()
            If tmpcnt(0) <>
                                             list.SubItems.Add(reader.GetString(9)
counter(0) Then
                counter(0) =
                                             reader.GetString(10).Substring(0, 1)
tmpcnt(0)
                                             + ". " + reader.GetString(11))
ListView1.Items.Clear()
                                             list.SubItems.Add(reader.GetString(12
                sqlcon.Open()
                query = "SELECT
record.casenum, record.hosind,
                                             list.SubItems.Add(reader.GetString(13
patient.fname, patient.mname,
                                             ))
patient.sname, room.category,
                                                                  length =
                                             DateTime.Now.Subtract(CDate(reader.Ge
room.roomid, room.roombed,
record.diagnosis, physician.fname,
                                             tString(12))).TotalDays
physician.mname, physician.sname,
record.datead, record.timead,
                                             list.SubItems.Add(length)
room.approve FROM room JOIN record ON
record.casenum=room.casenum JOIN
                                             list.SubItems.Add(reader.GetBoolean(1
patient ON
                                             4))
record.hosind=patient.hosind JOIN
physician ON
                                             ListView1.Items.Add(list)
record.mdnum=physician.mdnum WHERE
                                                                  TextBox5.Text =
record.disposition IS NULL;"
                                             counter(0)
                command = New
                                                              End While
SqlCommand(query, sqlcon)
                                                             height =
                reader =
                                             ListView1.Items.Count
command.ExecuteReader()
                                                             If height > 15 Then
                While reader.Read()
                                             ColumnHeader3.Width = 145
                    list = New
ListViewItem(reader.GetInt32(0))
                                             ColumnHeader5.Width = 99
list.SubItems.Add(reader.GetInt32(1))
                                             ColumnHeader21.Width = 145
list.SubItems.Add(reader.GetString(2)
                                                             ElseIf height < 16
                                             Then
reader.GetString(3).Substring(0, 1) +
                                             ColumnHeader3.Width = 150
". " + reader.GetString(4))
```

	TextBox3.Text =
ColumnHeader5.Width = 106	tmpcnt(2)
	counter(2) =
ColumnHeader21.Width = 150	tmpcnt(2)
End If	
sqlcon.Close()	NotifyIcon1.BalloonTipIcon =
End If	ToolTipIcon.Info
sqlcon.Open()	
query = "SELECT	NotifyIcon1.BalloonTipText = "New
room.casenum, patient.hosind,	patient has been added to pending
patient.fname, patient.mname,	discharge."
patient.sname, room.category,	
room.roomno FROM room JOIN record ON	NotifyIcon1.BalloonTipTitle =
record.casenum=room.casenum JOIN	"Pending Information"
patient ON	
record.hosind=patient.hosind WHERE	NotifyIcon1.ShowBalloonTip(3000)
room.casenum IS NOT NULL AND	<pre>ElseIf tmpcnt(2) <</pre>
record.status='True' AND	counter(2) Then
room.approve='False';"	counter(2) =
command = New	tmpcnt(2)
SqlCommand(query, sqlcon)	TextBox3.Text =
reader =	tmpcnt(2)
<pre>command.ExecuteReader()</pre>	End If
While reader.Read()	sqlcon.Close()
tmpcnt(1) = tmpcnt(1)	Catch ex As SqlException
+ 1	
End While	<pre>MessageBox.Show(ex.Message)</pre>
<pre>If tmpcnt(1) <></pre>	End Try
counter(1) Then	End Sub
TextBox2.Text =	
tmpcnt(1)	Private Sub
counter(1) =	TextBox1_TextChanged(sender As
tmpcnt(1)	Object, e As EventArgs) Handles
End If	TextBox1.TextChanged
sqlcon.Close()	Dim connection As String
sqlcon.Open()	Dim sqlcon As SqlConnection
query = "SELECT	Dim command As SqlCommand
record.casenum, record.hosind,	Dim reader As SqlDataReader
<pre>patient.fname, patient.mname,</pre>	Dim query As String
patient.sname, room.roomno,	Dim length As Integer
record.diagnosis, record.datead,	Dim height As Integer
room.category FROM room JOIN record	<pre>Dim list As ListViewItem</pre>
ON record.casenum=room.casenum JOIN	connection = "Data
patient ON	Source=BERMUNDO-PC;Initial
patient.hosind=record.hosind WHERE	Catalog=SystemDB;Integrated
record.status='False' AND	Security=True"
record.disposition IS NULL"	sqlcon = New
command = New	SqlConnection(connection)
SqlCommand(query, sqlcon)	Try
reader =	<pre>If TextBox1.Text <> ""</pre>
<pre>command.ExecuteReader()</pre>	Then
While reader.Read()	Timer1.Stop()
tmpcnt(2) = tmpcnt(2)	<pre>ElseIf TextBox1.Text = ""</pre>
+ 1	Then
End While	<pre>Timer1.Start()</pre>
<pre>If tmpcnt(2) > counter(2)</pre>	End If
Then	ListView1.Items.Clear()
	<pre>sqlcon.Open()</pre>

```
query = "SELECT
                                                                  Case 3:
record.casenum, record.hosind,
                                             list.Group =
                                             ListView1.Groups("ListViewGroup4")
patient.fname, patient.mname,
patient.sname, room.category,
                                                             End Select
room.roomid, room.roombed,
record.diagnosis, physician.fname,
                                             list.SubItems.Add(reader.GetString(6)
                                             + "-" + reader.GetInt32(7).ToString)
physician.mname, physician.sname,
record.datead, record.timead,
room.approve FROM room JOIN record ON
                                             list.SubItems.Add(reader.GetString(8)
record.casenum=room.casenum JOIN
patient ON
record.hosind=patient.hosind JOIN
                                             list.SubItems.Add(reader.GetString(9)
                                             + " " +
physician ON
record.mdnum=physician.mdnum WHERE
                                             reader.GetString(10).Substring(0, 1)
                                             + ". " + reader.GetString(11))
record.disposition IS NULL AND
(record.casenum LIKE '%" +
TextBox1.Text + "%' OR record.hosind
                                             list.SubItems.Add(reader.GetString(12
LIKE '%" + TextBox1.Text + "%' OR
patient.fname LIKE '%" +
TextBox1.Text + "%' OR patient.mname
                                             list.SubItems.Add(reader.GetString(13
LIKE '%" + TextBox1.Text + "%' OR
                                             ))
patient.sname LIKE '%" +
                                                              length =
TextBox1.Text + "%' OR
                                             DateTime.Now.Subtract(CDate(reader.Ge
physician.fname LIKE '%" +
                                             tString(12))).TotalDays
TextBox1.Text + "%' OR
physician.mname LIKE '%" +
                                             list.SubItems.Add(length)
TextBox1.Text + "%' OR
physician.sname LIKE '%" +
                                             list.SubItems.Add(reader.GetBoolean(1
TextBox1.Text + "%' OR
                                             4))
record.diagnosis LIKE '%" +
TextBox1.Text + "%');"
                                             ListView1.Items.Add(list)
            command = New
                                                             height =
SqlCommand(query, sqlcon)
                                             ListView1.Items.Count
            reader =
                                                             If height > 15 Then
command.ExecuteReader()
            While reader.Read()
                                             ColumnHeader3.Width = 145
                list = New
ListViewItem(reader.GetInt32(0))
                                             ColumnHeader5.Width = 99
list.SubItems.Add(reader.GetInt32(1))
                                             ColumnHeader21.Width = 145
                                                             ElseIf height < 16</pre>
list.SubItems.Add(reader.GetString(2)
                                             Then
+ " " +
                                             ColumnHeader3.Width = 150
reader.GetString(3).Substring(0, 1) +
". " + reader.GetString(4))
                Select Case
                                             ColumnHeader5.Width = 106
reader.GetInt32(5)
                                             ColumnHeader21.Width = 150
                    Case 0:
                                                             End If
list.Group =
ListView1.Groups("ListViewGroup1")
                                                          End While
                    Case 1:
                                                          salcon.Close()
list.Group =
                                                     Catch ex As SqlException
ListView1.Groups("ListViewGroup2")
                                             MessageBox.Show(ex.Message)
                    Case 2:
list.Group =
                                                     End Try
ListView1.Groups("ListViewGroup3")
                                                 End Sub
```

Private Sub Timer2_Tick(sender As Object, e As EventArgs) Handles	Select Case reader.GetInt32(5)
Timer2.Tick	Case 0:
<pre>Label2.Text = Date.Now().ToString("hh:mm:ss tt") End Sub</pre>	<pre>list.Group = ListView1.Groups("ListViewGroup1")</pre>
	list.Group =
Private Sub	<pre>ListView1.Groups("ListViewGroup2")</pre>
TextBox2_TextChanged(sender As	Case 2 :
Object, e As EventArgs) Handles	list.Group =
TextBox2.TextChanged	<pre>ListView1.Groups("ListViewGroup3")</pre>
Dim connection As String	Case 3:
Dim sqlcon As SqlConnection	list.Group =
Dim command As SqlCommand	ListView1.Groups("ListViewGroup4")
Dim reader As SqlDataReader	End Select
Dim query As String	list Cubitsons Add/mandam CatCtuins(C)
Dim length As Integer	list.SubItems.Add(reader.GetString(6)
Dim height As Integer Dim list As ListViewItem	+ "-" + reader.GetInt32(7).ToString)
connection = "Data	list CubItams Add(mandam CatCtming(0)
Source=BERMUNDO-PC;Initial	<pre>list.SubItems.Add(reader.GetString(8))</pre>
Catalog=SystemDB;Integrated)
Security=True"	<pre>list.SubItems.Add(reader.GetString(9)</pre>
sqlcon = New	+ " " +
SqlConnection(connection)	reader.GetString(10).Substring(0, 1)
If TextBox2.Text < counter(1)	+ ". " + reader.GetString(11))
Then	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ListView1.Items.Clear()	<pre>list.SubItems.Add(reader.GetString(12</pre>
sqlcon.Open()))
query = "SELECT	,,
record.casenum, record.hosind,	<pre>list.SubItems.Add(reader.GetString(13</pre>
patient.fname, patient.mname,))
patient.sname, room.category,	length =
room.roomid, room.roombed,	DateTime.Now.Subtract(CDate(reader.Ge
record.diagnosis, physician.fname,	tString(12))).TotalDays
physician.mname, physician.sname,	
record.datead, record.timead,	<pre>list.SubItems.Add(length)</pre>
room.approve FROM room JOIN record ON	
record.casenum=room.casenum JOIN	<pre>list.SubItems.Add(reader.GetBoolean(1</pre>
patient ON	4))
record.hosind=patient.hosind JOIN	
physician ON	ListView1.Items.Add(list)
record.mdnum=physician.mdnum WHERE	End While
record.disposition IS NULL;"	height =
command = New	ListView1.Items.Count
SqlCommand(query, sqlcon)	If height > 15 Then
reader =	ColumnHeader3.Width =
command.ExecuteReader()	
While reader.Read() list = New	ColumnHeader5.Width =
	99
ListViewItem(reader.GetInt32(0))	ColumnHeader21.Width = 145
<pre>list.SubItems.Add(reader.GetInt32(1))</pre>	ElseIf height < 16 Then
TISC. SUDICEMS. AUU(1 EQUEL . GELTHES2(1))	ColumnHeader3.Width =
<pre>list.SubItems.Add(reader.GetString(2)</pre>	150
+ " " +	ColumnHeader5.Width =
reader.GetString(3).Substring(0, 1) +	106
". " + reader.GetString(4))	

ColumnHeader21.Width	Select Case
= 150	reader.GetInt32(5)
End If	Case 0:
sqlcon.Close()	list.Group =
End If	ListView1.Groups("ListViewGroup1")
End Sub	<pre>Case 1 : list.Group =</pre>
Private Sub	ListView1.Groups("ListViewGroup2")
TextBox3_TextChanged(sender As	Case 2:
Object, e As EventArgs) Handles	list.Group =
TextBox3.TextChanged	ListView1.Groups("ListViewGroup3")
Dim connection As String	Case 3:
Dim sqlcon As SqlConnection	list.Group =
Dim command As SqlCommand	ListView1.Groups("ListViewGroup4")
Dim reader As SqlDataReader	End Select
Dim query As String	
Dim length As Integer	<pre>list.SubItems.Add(reader.GetString(6)</pre>
Dim height As Integer	<pre>+ "-" + reader.GetInt32(7).ToString)</pre>
<pre>Dim list As ListViewItem</pre>	
connection = "Data	<pre>list.SubItems.Add(reader.GetString(8)</pre>
Source=BERMUNDO-PC;Initial)
Catalog=SystemDB;Integrated	71 . 6 . 7
Security=True"	<pre>list.SubItems.Add(reader.GetString(9) + " " +</pre>
sqlcon = New	
SqlConnection(connection)	reader.GetString(10).Substring(0, 1)
<pre>If TextBox3.Text > counter(2 Then</pre>) + ". " + reader.GetString(11))
ListView1.Items.Clear()	list.SubItems.Add(reader.GetString(12
sqlcon.Open()))
query = "SELECT	/ /
record.casenum, record.hosind,	<pre>list.SubItems.Add(reader.GetString(13</pre>
patient.fname, patient.mname,))
patient.sname, room.category,	length =
room.roomid, room.roombed,	DateTime.Now.Subtract(CDate(reader.Ge
record.diagnosis, physician.fname,	tString(12))).TotalDays
physician.mname, physician.sname,	
record.datead, record.timead,	<pre>list.SubItems.Add(length)</pre>
room.approve FROM room JOIN record O	V
record.casenum=room.casenum JOIN	list.SubItems.Add(reader.GetBoolean(1
patient ON	4))
record.hosind=patient.hosind JOIN	
physician ON	ListView1.Items.Add(list)
record.mdnum=physician.mdnum WHERE	End While
record.disposition IS NULL;"	height =
command = New	ListView1.Items.Count
<pre>SqlCommand(query, sqlcon)</pre>	If height > 15 Then ColumnHeader3.Width =
command.ExecuteReader()	145
While reader.Read()	ColumnHeader5.Width =
list = New	99
ListViewItem(reader.GetInt32(0))	ColumnHeader21.Width
223 CV 2 CM 2 CM (= 145
<pre>list.SubItems.Add(reader.GetInt32(1)</pre>	
(-)	ColumnHeader3.Width =
<pre>list.SubItems.Add(reader.GetString(2</pre>	
+ " " +	ColumnHeader5.Width =
<pre>reader.GetString(3).Substring(0, 1)</pre>	+ 106
". " + reader.GetString(4))	

ColumnHeader21.Width	End Sub
= 150	
End If	Private Sub
<pre>sqlcon.Close()</pre>	<pre>ViewRoomsToolStripMenuItem_Click(send</pre>
End If	er As Object, e As EventArgs) Handles
End Sub	<pre>ViewRoomsToolStripMenuItem.Click</pre>
Private Sub	Rooms.Show()
AddPatientToolStripMenuItem_Click(sen	End Sub
der As Object, e As EventArgs)	
Handles	Private Sub
AddPatientToolStripMenuItem.Click	<pre>ExpandRoomsToolStripMenuItem_Click(se</pre>
<pre>Me.SendToBack()</pre>	nder As Object, e As EventArgs)
Addition.Show()	Handles
End Sub	<pre>ExpandRoomsToolStripMenuItem.Click</pre>
Private Sub	Expand.Show()
NewPatientToolStripMenuItem_Click(sen	End Sub
der As Object, e As EventArgs)	Liid Sab
Handles	Private Sub
NewPatientToolStripMenuItem.Click	AddAccountsToolStripMenuItem_Click(se
Me.SendToBack()	nder As Object, e As EventArgs)
Addition.Show()	Handles
End Sub	
Ella Sub	AddAccountsToolStripMenuItem.Click Me.SendToBack()
Private Sub	Register.Show()
OldPatientToolStripMenuItem_Click(sen	End Sub
der As Object, e As EventArgs)	
Handles	Private Sub
OldPatientToolStripMenuItem.Click	ManageAccountToolStripMenuItem_Click(
Me.SendToBack()	sender As Object, e As EventArgs)
•••	Handles
Index.Show() End Sub	
ena Sub	<pre>ManageAccountToolStripMenuItem.Click</pre>
Private Sub	Manage.Show()
DischargeToolStripMenuItem_Click(send	End Sub
er As Object, e As EventArgs) Handles	
DischargeToolStripMenuItem.Click	Private Sub
Me.SendToBack()	AddPhysicianToolStripMenuItem_Click(s
Discharge.Show()	ender As Object, e As EventArgs)
End Sub	Handles
	AddPhysicianToolStripMenuItem.Click
Private Sub	Me.SendToBack()
SearchPatientToolStripMenuItem_Click(Physician.Show()
sender As Object, e As EventArgs)	End Sub
Handles	2114 345
SearchPatientToolStripMenuItem.Click	Private Sub
Me.SendToBack()	BrowseRecordsToolStripMenuItem_Click(
Search.Show()	sender As Object, e As EventArgs)
End Sub	Handles
Liiu Sub	BrowseRecordsToolStripMenuItem.Click
Private Sub	Me.SendToBack()
RetrieveIndexToolStripMenuItem_Click(Records.Show()
sender As Object, e As EventArgs)	End Sub
Handles	
RetrieveIndexToolStripMenuItem.Click	Private Sub
Me.SendToBack()	GenerateReportsToolStripMenuItem_Clic
Retrieve.Show()	k(sender As Object, e As EventArgs)
	(

Handles GenerateReportsToolStripMenuItem.Clic	Handles AboutProgramToolStripMenuItem.Click
k	<pre>Me.SendToBack()</pre>
<pre>Me.SendToBack()</pre>	AboutBox.Show()
Reports.Show()	End Sub
End Sub	
	End Class
Private Sub	
LogoutAccountToolStripMenuItem_Click(
sender As Object, e As EventArgs)	
Handles	
LogoutAccountToolStripMenuItem.Click	Admission
Dim connection As String	
Dim sqlcon As SqlConnection	<pre>Imports System.Data.SqlClient</pre>
Dim command As SqlCommand	Public Class Admission
Dim reader As SqlDataReader	TUDITE CIASS AUMISSION
Dim query As String	Dublic mdnamo() Ac Stning - (""
	<pre>Public mdname() As String = {"", "" ""?</pre>
Dim result As DialogResult	"", ""}
connection = "Data	Public gndtmp As Integer
Source=BERMUNDO-PC;Initial	Public mstemp As Integer
Catalog=SystemDB; Integrated	Dim NotifyIcon1 As Object
Security=True"	
sqlcon = New	Private Sub Admission_Load(sender
SqlConnection(connection)	As Object, e As EventArgs) Handles
Try	MyBase.Load
result =	Label8. $Text = indextmp$
MessageBox.Show("Are you sure to	Dim connection As String
logout your account now?", "Logout	Dim sqlcon As SqlConnection
Confirmation",	Dim command As SqlCommand
MessageBoxButtons.YesNo,	Dim reader As SqlDataReader
MessageBoxIcon.Question)	Dim query As String
Select Case result	Dim current As Integer
Case DialogResult.Yes	Dim datead() As String = {"",
sqlcon.Open()	""}
query = "UPDATE	Dim timead() As String = {"",
accounts SET accounts.status='False'	"", ""}
WHERE accounts.username='" +	connection = "Data
details(0) + "' AND	Source=BERMUNDO-PC;Initial
<pre>accounts.password='" + details(1) + "'."</pre>	Catalog=SystemDB; Integrated
nii, n	Security=True"
command = New	sqlcon = New
SqlCommand(query, sqlcon)	SqlConnection(connection)
reader =	Try
command.ExecuteReader()	<pre>If RadioButton1.Checked =</pre>
<pre>sqlcon.Close()</pre>	True Then
Me.Close()	gndtmp = 0
Login.Show()	ElseIf
End Select	RadioButton2.Checked = True Then
Catch ex As SqlException	<pre>gndtmp = 1</pre>
	End If
<pre>MessageBox.Show(ex.Message)</pre>	<pre>If RadioButton7.Checked =</pre>
End Try	True Then
End Sub	mstemp = 0
	ElseIf
Private Sub	RadioButton6.Checked = True Then
AboutProgramToolStripMenuItem_Click(s	mstemp = 1
ender As Object, e As EventArgs)	ElseIf
chaci As object, e As Eventalgs)	RadioButton5.Checked = True Then
	vanioparroup.checken = 11,ne 111611

```
ComboBox4.Text =
                mstemp = 2
            End If
                                              reader.GetString(5).Substring(8, 2)
            sqlcon.Open()
                                                              End If
            query = "SELECT
                                                              ComboBox3.Text =
patient.fname, patient.mname,
                                              reader.GetString(5).Substring(0, 4)
                                                              TextBox5.Text =
patient.sname, patient.gender,
patient.mstatus, patient.birthdate,
                                              reader.GetString(6)
patient.address, patient.contact FROM
                                                              TextBox6.Text =
patient WHERE patient.hosind='" +
                                              reader.GetString(7)
indextmp.ToString + "';"
                                                          End While
            command = New
                                                          If Now.Month < 10 Then
SqlCommand(query, sqlcon)
                                                              datead(0) = "0" +
            reader =
                                              Now.Month.ToString
command.ExecuteReader()
                                                          ElseIf Now.Month > 9 Then
            While reader.Read()
                                                              datead(0) =
                TextBox7.Text =
                                              Now.Month.ToString
reader.GetString(0)
                                                          End If
                TextBox8.Text =
                                                          If Now.Day < 10 Then
                                                              datead(1) = "0" +
reader.GetString(1)
                TextBox9.Text =
                                              Now.Day.ToString
                                                          ElseIf Now.Day > 9 Then
reader.GetString(2)
                Select Case
                                                              datead(1) =
reader.GetBoolean(3)
                                              Now.Day.ToString
                    Case True :
                                                          End If
RadioButton1.PerformClick()
                                                          If Now.Hour < 10 Then
                    Case False :
                                                              timead(0) = "0" +
RadioButton2.PerformClick()
                                              Now.Hour.ToString
                                                          ElseIf Now.Hour > 9 Then
                End Select
                Select Case
                                                              timead(0) =
reader.GetInt32(4)
                                              Now.Hour.ToString
                                                          End If
                    Case 0:
RadioButton7.PerformClick()
                                                          If Now.Minute < 10 Then</pre>
                                                              timead(1) = "0" +
                    Case 1:
                                              Now.Minute.ToString
RadioButton6.PerformClick()
                                                          ElseIf Now.Minute > 9
                    Case 2:
RadioButton5.PerformClick()
                                              Then
                                                              timead(1) =
                End Select
                Ιf
                                              Now.Minute.ToString
reader.GetString(5).Substring(5, 1) =
                                                          End If
"0" Then
                                                          If Now.Second < 10 Then</pre>
                    ComboBox5.Text =
                                                              timead(2) = "0" +
months(CInt(reader.GetString(5).Subst
                                              Now.Second.ToString
                                                          ElseIf Now.Second > 9
ring(6, 1)) - 1)
                                              Then
                ElseIf
reader.GetString(5).Substring(5, 1)
                                                              timead(2) =
<> "0" Then
                                              Now.Second.ToString
                    ComboBox5.Text =
                                                          End If
                                                          TextBox2.Text =
months(CInt(reader.GetString(5).Subst
                                              Now.Year.ToString + "-" + datead(0) +
ring(5, 2)) - 1)
                                              "-" + datead(1)
                End If
                Ιf
                                                          TextBox4.Text = timead(0)
reader.GetString(5).Substring(8, 1) =
                                              + ":" + timead(1) + ":" + timead(2)
"0" Then
                                                          sqlcon.Close()
                    ComboBox4.Text =
                                                          sqlcon.Open()
reader.GetString(5).Substring(9, 1)
                                                          query = "SELECT
                                              MAX(casenum) AS HighestValue FROM
                ElseIf
reader.GetString(5).Substring(8, 1)
                                              record WHERE casenum LIKE '" +
<> "0" Then
```

Year(Now).ToString.Substring(2, 2) +	ElseIf
datead(0) + datead(1) + "%';"	ComboBox1.SelectedIndex > 5 And
command = New	ComboBox1.SelectedIndex < 8 Then
SqlCommand(query, sqlcon)	category = 3
reader =	End If
command.ExecuteReader()	Try
While reader.Read()	sqlcon.Open()
<pre>If reader.IsDBNull(0)</pre>	query = "SELÉCT
= True Then	room.roomid, room.category,
current =	room.roombed FROM room WHERE
CInt(Year(Now).ToString.Substring(2,	room.approve='False' AND
2) + datead(0) + datead(1) + "000")	room.category='" + category.ToString
ElseIf	+ "':"
reader.IsDBNull(0) = False Then	command = New
current =	SqlCommand(query, sqlcon)
reader.GetInt32(0)	reader =
End If	command.ExecuteReader()
End While	• • • • • • • • • • • • • • • • • • • •
	While reader.Read()
Label17.Text = current +	Select Case
1	reader.GetInt32(1)
sqlcon.Close()	Case 0:
Catch ex As SqlException	<pre>ComboBox2.Items.Add(reader.GetString(0) + "-" +</pre>
MessageBox.Show(ex.Message)	<pre>reader.GetInt32(2).ToString)</pre>
End Try	Case 1 :
End Sub	<pre>ComboBox2.Items.Add(reader.GetString(</pre>
	0) + "-" +
Private Sub	<pre>reader.GetInt32(2).ToString)</pre>
ComboBox1_SelectedIndexChanged(sender	Case 2 :
As Object, e As EventArgs) Handles	<pre>ComboBox2.Items.Add(reader.GetString(</pre>
ComboBox1.SelectedIndexChanged	0) + "-" +
ComboBox2.Items.Clear()	reader.GetInt32(2).ToString)
ComboBox6.Items.Clear()	Case 3:
Dim connection As String	<pre>ComboBox2.Items.Add(reader.GetString(</pre>
Dim sqlcon As SqlConnection	0) + "-" +
Dim command As SqlCommand	reader.GetInt32(2).ToString)
Dim reader As SqlDataReader	End Select
Dim query As String	End While
Dim category As Integer	<pre>sqlcon.Close()</pre>
connection = "Data	sqlcon.Open()
Source=BERMUNDO-PC;Initial	query = "SELECT
Catalog=SystemDB;Integrated	physician.fname, physician.mname,
Security=True"	physician.sname FROM physician WHERE
sqlcon = New	physician.category='" +
SqlConnection(connection)	category.ToString + "';"
If ComboBox1.SelectedIndex <	command = New
1 Then	SqlCommand(query, sqlcon)
	reader =
category = 0 ElseIf	command.ExecuteReader()
ComboBox1.SelectedIndex > 0 And	While reader.Read()
ComboBox1.SelectedIndex < 3 Then	Willie Teader . Read()
category = 1	ComboBox6.Items.Add(reader.GetString(
ElseIf	0) + " " +
ComboBox1.SelectedIndex > 2 And	·
ComboBox1.SelectedIndex < 6 Then	<pre>reader.GetString(1).Substring(0, 1) + ". " + reader.GetString(2))</pre>
category = 2	End While
category - 2	sqlcon.Close()
	· · · · · · · · · · · · · · · · · · ·
	Catch ex As SqlException

```
sqlcon.Close()
                                                          sqlcon.Open()
MessageBox.Show(ex.Message)
        End Try
                                                          roomarr =
                                              ComboBox2.Text.Split("-")
    End Sub
                                                          query = "SELECT
    Private Sub Button1 Click(sender
                                              room.roomno FROM room WHERE
As Object, e As EventArgs) Handles
                                              room.roomid='" +
Button1.Click
                                              ComboBox2.Text.Substring(0, 6) + "'
        Dim connection As String
                                              AND room.roombed='" + roomarr(1) +
                                              "';"
        Dim sqlcon As SqlConnection
        Dim command As SqlCommand
                                                          command = New
        Dim reader As SqlDataReader
                                              SqlCommand(query, sqlcon)
        Dim query As String
                                                          reader =
        Dim category As Integer
                                              command.ExecuteReader()
        Dim mdnum As String
                                                          While reader.Read()
        Dim roomno As Integer
                                                               roomno =
                                              reader.GetInt32(0)
        Dim roomarr() As String
        connection = "Data
                                                           End While
Source=BERMUNDO-PC; Initial
                                                           sqlcon.Close()
Catalog=SystemDB; Integrated
                                                          sqlcon.Open()
Security=True"
                                                          query = "INSERT INTO
        sqlcon = New
                                              record (casenum, hosind, category,
SqlConnection(connection)
                                              roomno, diagnosis, mdnum, datead,
                                              timead, status) VALUES ('" +
        Try
            sqlcon.Open()
                                              Label17.Text + "', '" + Label8.Text +
                                              "', '" +
            Τf
ComboBox1.SelectedIndex < 1 Then</pre>
                                              ComboBox1.SelectedIndex.ToString +
                category = 0
                                              "', '" + roomno.ToString + "', '" +
                                              TextBox3.Text + "', '" + mdnum + "',
            ElseIf
                                              '" + TextBox2.Text + "', '" +
ComboBox1.SelectedIndex > 0 And
                                              TextBox4.Text + "', 'True');"
ComboBox1.SelectedIndex < 3 Then
                                                          command = New
                category = 1
            ElseIf
                                              SqlCommand(query, sqlcon)
ComboBox1.SelectedIndex > 2 And
                                                          reader =
ComboBox1.SelectedIndex < 6 Then
                                              command.ExecuteReader()
                category = 2
                                                           sqlcon.Close()
            FlseTf
                                                          sqlcon.Open()
                                                          query = "UPDATE room SET
ComboBox1.SelectedIndex > 5 And
ComboBox1.SelectedIndex < 8 Then
                                              room.casenum='" + Label17.Text + "'
                                              WHERE room.category='" +
                category = 3
                                              category.ToString + "' AND
            End If
                                              room.roomno='" + roomno.ToString +
            mdname =
ComboBox6.Text.Split(" ")
            query = "SELECT
                                                           command = New
physician.mdnum FROM physician WHERE
                                              SqlCommand(query, sqlcon)
physician.fname LIKE '" + mdname(0) +
                                                          reader =
"%' AND physician.sname LIKE '%" +
                                              command.ExecuteReader()
mdname(mdname.Length - 1) + "%' AND
                                                          sqlcon.Close()
physician.category='" +
                                                           sqlcon.Open()
                                              query = "UPDATE patient
SET patient.lastad='" + TextBox2.Text
category.ToString + "';"
            command = New
SqlCommand(query, sqlcon)
                                              + "', patient.status='True' WHERE
            reader =
                                              patient.hosind='" + Label8.Text +
command.ExecuteReader()
            While reader.Read()
                                                          command = New
                mdnum =
                                              SqlCommand(query, sqlcon)
reader.GetString(0)
                                                          reader =
            End While
                                              command.ExecuteReader()
```

<pre>sqlcon.Close()</pre>	Private Sub Admission_MouseUp(sender As Object, e As MouseEventArgs) Handles MyBase.MouseUp
NotifyIcon1.BalloonTipIcon = ToolTipIcon.Info NotifyIcon1.BalloonTipText = "New patient has been admitted."	Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click Me.Close() End Sub
<pre>NotifyIcon1.BalloonTipTitle = "Patient Admitted" NotifyIcon1.ShowBalloonTip(3000)</pre>	Private Sub RadioButton1_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton1.CheckedChanged
MessageBox.Show(ex.Message)	Private Sub RadioButton2_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton2.CheckedChanged If gndtmp <> 1 Then
Private Sub Admission_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	RadioButton1.PerformClick() End If End Sub
<pre>If e.Button = Windows.Forms.MouseButtons.Left Then</pre>	Private Sub RadioButton7_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton7.CheckedChanged
Private Sub Admission_MouseMove(sender As Object, e As MouseEventArgs) Handles MyBase.MouseMove	ElseIf mstemp <> 0 And mstemp <> 1 Then RadioButton5.PerformClick() End If End Sub
<pre>mousePos.Offset(mouseOffset.X, mouseOffset.Y)</pre>	Private Sub RadioButton6_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton6.CheckedChanged

<pre>RadioButton7.PerformClick()</pre>	room.roombed, record.diagnosis, record.datead, room.category FROM room JOIN record ON record.casenum=room.casenum JOIN
RadioButton5.PerformClick() End If End Sub	<pre>patient ON patient.hosind=record.hosind WHERE record.status='False' AND record.disposition IS NULL;"</pre>
Private Sub RadioButton5_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton5.CheckedChanged	<pre>SqlCommand(query, sqlcon)</pre>
RadioButton6.PerformClick() ElseIf mstemp <> 2 And mstemp	<pre>list.SubItems.Add(reader.GetInt32(1))</pre>
<> 1 Then	<pre>list.SubItems.Add(reader.GetString(2) + " " +</pre>
RadioButton7.PerformClick() End If End Sub	<pre>reader.GetString(3).Substring(0, 1) + ". " + reader.GetString(4))</pre>
End Class	<pre>list.SubItems.Add(reader.GetString(5) + "-" + reader.GetInt32(6).ToString)</pre>
	<pre>list.SubItems.Add(reader.GetString(7))</pre>
Discharge	/ length = DateTime.Now.Subtract(CDate(reader.Ge
<pre>Imports System.Data.SqlClient Public Class Discharge</pre>	tString(8))).TotalDays Select Case
Dim NotifyIcon1 As Object	reader.GetInt32(9) Case 0 :
	list.Group =
Private Sub Discharge_Load(sender As Object, e As EventArgs) Handles MyBase.Load	<pre>ListView1.Groups("ListViewGroup1")</pre>
Dim connection As String Dim sqlcon As SqlConnection	ListView1.Groups("ListViewGroup2") Case 2:
Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String	<pre>list.Group = ListView1.Groups("ListViewGroup3")</pre>
Dim length As Integer Dim height As Integer Dim list As ListViewItem connection = "Data	<pre>list.Group = ListView1.Groups("ListViewGroup4")</pre>
Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated	<pre>list.SubItems.Add(length)</pre>
Security=True" sqlcon = New	ListView1.Items.Add(list) End While
SqlConnection(connection) Try	<pre>sqlcon.Close() height =</pre>
sqlcon.Open() query = "SELECT	ListView1.Items.Count If height > 9 Then
record.casenum, record.hosind, patient.fname, patient.mname, patient.sname, room.roomid,	ColumnHeader4.Width =

ColumnHeader3.Width =	category = 0
90	ElseIf
<pre>ColumnHeader2.Width =</pre>	reader.GetInt32(1) > 0 And
145	reader.GetInt32(1) < 3 Then
ElseIf height < 10 Then	category = 1
ColumnHeader4.Width =	ElseIf
	reader.GetInt32(1) > 2 And
ColumnHeader3.Width =	reader.GetInt32(1) < 6 Then
96	category = 2
ColumnHeader2.Width =	ElseIf
150	reader.GetInt32(1) > 5 And
End If	reader.GetInt32(1) < 8 Then
Catch ex As SqlException	category = 3
·	End If
<pre>MessageBox.Show(ex.Message)</pre>	ComboBox2.Text =
End Try	reader.GetString(2) + "-" +
End Sub	
ena Sub	reader.GetInt32(3).ToString
	TextBox2.Text =
Private Sub	reader.GetString(4)
ListView1_Click(sender As Object, e	<pre>TextBox4.Text =</pre>
As EventArgs) Handles ListView1.Click	reader.GetString(5)
Dim connection As String	days =
Dim sqlcon As SqlConnection	DateTime.Now.Subtract(CDate(reader.Ge
Dim command As SqlCommand	tString(6))).TotalDays
Dim reader As SqlDataReader	
•	stlength = days
Dim query As String	weeks = days \ 7
Dim category As Integer	days = days Mod 7
Dim weeks As Integer	TextBox5.Text = weeks
Dim days As Integer	Toy+Poy6 Toy+ - days
Dilli days As Tillegel	<pre>TextBox6.Text = days</pre>
	Textboxo.Text = days
connection = "Data	•
<pre>connection = "Data Source=BERMUNDO-PC;Initial</pre>	ComboBox3.SelectedIndex = 0
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated</pre>	ComboBox3.SelectedIndex = 0
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close()
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close()
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close()
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message)
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlConmand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer Dim index As Integer
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 ComboBox4.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlConnection Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim index As Integer Dim height As Integer
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer Dim height As Integer Dim current() As Integer =
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer Dim index As Integer Dim height As Integer Dim current() As Integer = {0, 0, 0}
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer Dim index As Integer Dim height As Integer Dim current() As Integer = {0, 0, 0} Dim datead As String
<pre>connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"</pre>	ComboBox3.SelectedIndex = 0 End While sqlcon.Close() Catch ex As SqlException MessageBox.Show(ex.Message) End Try End Sub Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim catnum As Integer Dim roomnum As Integer Dim index As Integer Dim height As Integer Dim current() As Integer = {0, 0, 0}

```
connection = "Data
                                                          query = "SELECT COUNT(1)
                                              FROM report WHERE datenum LIKE '" +
Source=BERMUNDO-PC; Initial
                                              Year(Now).ToString + datead + "%';"
Catalog=SystemDB; Integrated
Security=True"
                                                           command = New
        sqlcon = New
                                              SqlCommand(query, sqlcon)
SqlConnection(connection)
                                                          reader =
                                              command.ExecuteReader()
        Try
            sqlcon.Open()
                                                          While reader.Read()
            query = "UPDATE record
                                                               If reader.GetInt32(0)
SET record.disposition='" +
                                              = 0 Then
ComboBox8.SelectedIndex.ToString +
                                                                   While index < 8
"', record.length='" +
stlength.ToString + "' WHERE
                                              sqlcon.Close()
record.casenum='" + Label17.Text +
                                                                       sqlcon.Open()
                                                                       query =
                                              "INSERT INTO report (datenum,
            command = New
SqlCommand(query, sqlcon)
                                              category, catname, admit, discharge,
            reader =
                                              length, improve, unimp, baby,
                                              referred, transfer, home, abscond,
command.ExecuteReader()
                                              expired) VALUES ('" +
            sqlcon.Close()
                                              Year(Now).ToString + datead +
            sqlcon.Open()
                                              index.ToString + "', '" +
index.ToString + "', '" +
            query = "SELECT
room.category, room.roomno FROM
                                              category(index) + "', '0', '0', '0',
record JOIN room ON
                                              '0', '0', '0', '0', '0', '0', '0',
room.casenum=record.casenum WHERE
                                              '0');"
record.casenum='" + Label17.Text +
"';"
                                                                       command = New
            command = New
                                              SqlCommand(query, sqlcon)
SqlCommand(query, sqlcon)
                                                                       reader =
            reader =
                                              command.ExecuteReader()
                                                                       index = index
command.ExecuteReader()
            While reader.Read()
                                              + 1
                catnum =
                                                                   End While
                                                               Fnd Tf
reader.GetInt32(0)
                roomnum =
                                                          End While
reader.GetInt32(1)
                                                           sqlcon.Close()
            End While
                                                          sqlcon.Open()
            sqlcon.Close()
                                                          Select Case
                                              ComboBox8.SelectedIndex
            sqlcon.Open()
            query = "UPDATE room SET
                                                               Case 0 : query =
room.casenum=NULL WHERE
                                              "SELECT discharge, length, improve
room.category='" + catnum.ToString +
                                              FROM report WHERE datenum='" +
"' AND room.roomno='" +
                                              Year(Now).ToString + datead +
roomnum.ToString + "';"
                                              ComboBox1.SelectedIndex.ToString + "'
                                              AND category='" +
            command = New
SqlCommand(query, sqlcon)
                                              ComboBox1.SelectedIndex.ToString +
                                              "';"
            reader =
command.ExecuteReader()
                                                               Case 1 : query =
                                              "SELECT discharge, length, unimp FROM
            sqlcon.Close()
                                              report WHERE datenum='" +
            sqlcon.Open()
            If Now.Month < 10 Then
                                              Year(Now).ToString + datead +
                datead = "0" +
                                              ComboBox1.SelectedIndex.ToString + "'
                                              AND category='" +
Now.Month.ToString
            ElseIf Now.Month > 9 Then
                                              ComboBox1.SelectedIndex.ToString +
                datead =
Now.Month.ToString
                                                               Case 2 : query =
            End If
                                              "SELECT discharge, length, baby FROM
                                              report WHERE datenum='" +
```

```
End If
Year(Now).ToString + datead +
ComboBox1.SelectedIndex.ToString + "'
                                                                 If reader.IsDBNull(1)
AND category='" +
                                                = True Then
ComboBox1.SelectedIndex.ToString +
                                                                     current(1) = 0
                                                                 ElseIf
                                                reader.IsDBNull(1) = False Then
                 Case 3 : query =
"SELECT discharge, length, referred
                                                                     current(1) =
FROM report WHERE datenum='" +
                                                reader.GetInt32(1)
Year(Now).ToString + datead +
                                                                 End If
ComboBox1.SelectedIndex.ToString + "'
                                                                 If reader.IsDBNull(2)
AND category='" +
                                                = True Then
ComboBox1.SelectedIndex.ToString +
                                                                     current(2) = 0
"';"
                                                                 ElseIf
                 Case 4 : query =
                                                reader.IsDBNull(2) = False Then
"SELECT discharge, length, transfer
                                                                     current(2) =
FROM report WHERE datenum='" +
                                                reader.GetInt32(2)
Year(Now).ToString + datead +
                                                                 End If
ComboBox1.SelectedIndex.ToString + "'
                                                                 current(0) =
AND category='" +
                                                current(0) + 1
ComboBox1.SelectedIndex.ToString +
                                                                 current(1) =
                                                current(1) + stlength
                 Case 5 : query =
                                                                 current(2) =
"SELECT discharge, length, home FROM
                                                current(2) + 1
report WHERE datenum='" +
                                                            End While
Year(Now).ToString + datead +
                                                             sqlcon.Close()
ComboBox1.SelectedIndex.ToString + "'
                                                             sqlcon.Open()
AND category='" +
                                                            Select Case
ComboBox1.SelectedIndex.ToString +
                                                ComboBox8.SelectedIndex
"';"
                                                                 Case 0 : query =
                                                "UPDATE report SET
                 Case 6 : query =
                                                report.discharge='" +
"SELECT discharge, length, abscond
                                                current(0).ToString + "', length='" +
current(1).ToString + "', improve='"
FROM report WHERE datenum='" +
Year(Now).ToString + datead +
                                                + current(2).ToString + "' WHERE
ComboBox1.SelectedIndex.ToString + "'
AND category='" +
                                                datenum='" + Year(Now).ToString +
ComboBox1.SelectedIndex.ToString +
                                                datead +
                                                ComboBox1.SelectedIndex.ToString + "'
                                                AND category='" +
                 Case 7 : query =
"SELECT discharge, length, expired
                                                ComboBox1.SelectedIndex.ToString +
FROM report WHERE datenum='" +
Year(Now).ToString + datead +
                                                                 Case 1 : query =
ComboBox1.SelectedIndex.ToString + "'
                                                "UPDATE report SET
AND category='" +
                                                report.discharge='" +
                                                current(0).ToString + "', length='" +
current(1).ToString + "', unimp='" +
ComboBox1.SelectedIndex.ToString +
"';"
                                                current(2).ToString + "' WHERE
            End Select
                                                datenum='" + Year(Now).ToString +
            command = New
SqlCommand(query, sqlcon)
                                                datead +
                                                ComboBox1.SelectedIndex.ToString + "'
            reader =
command.ExecuteReader()
                                                AND category='" +
            While reader.Read()
                                                ComboBox1.SelectedIndex.ToString +
                 If reader.IsDBNull(0)
= True Then
                                                                 Case 2 : query =
                     current(0) = 0
                                                "UPDATE report SET
                 ElseIf
                                                report.discharge='" +
                                                current(0).ToString + "', length='" +
current(1).ToString + "', baby='" +
reader.IsDBNull(0) = False Then
                     current(0) =
                                                current(2).ToString + "' WHERE
reader.GetInt32(0)
```

```
datenum='" + Year(Now).ToString +
                                                 current(1).ToString + "', expired='"
                                                 + current(2).ToString + "' WHERE
datead +
                                                 datenum='" + Year(Now).ToString +
ComboBox1.SelectedIndex.ToString + "'
AND category='" +
                                                 datead +
ComboBox1.SelectedIndex.ToString +
                                                 ComboBox1.SelectedIndex.ToString + "'
                                                 AND category='" +
                                                 ComboBox1.SelectedIndex.ToString +
                 Case 3 : query =
"UPDATE report SET
report.discharge='" +
                                                              End Select
current(0).ToString + "', length='" +
current(1).ToString + "', referred='"
                                                              command = New
                                                 SqlCommand(query, sqlcon)
+ current(2).ToString + "' WHERE
                                                              reader =
datenum='" + Year(Now).ToString +
                                                 command.ExecuteReader()
datead +
                                                              sqlcon.Close()
ComboBox1.SelectedIndex.ToString + "'
                                                              sqlcon.Open()
AND category='" +
                                                              query = "SELECT
                                                 record.hosind FROM record WHERE
ComboBox1.SelectedIndex.ToString +
                                                 record.casenum='" + Label17.Text +
                                                 "';"
                 Case 4 : query =
"UPDATE report SET
                                                              command = New
report.discharge='" +
                                                 SqlCommand(query, sqlcon)
current(0).ToString + "', length='" +
current(1).ToString + "', transfer='"
+ current(2).ToString + "' WHERE
                                                              reader =
                                                 command.ExecuteReader()
                                                              While reader.Read()
datenum='" + Year(Now).ToString +
                                                                   indextmp =
datead +
                                                 reader.GetInt32(0)
ComboBox1.SelectedIndex.ToString + "'
                                                              End While
AND category='" +
                                                              sqlcon.Close()
ComboBox1.SelectedIndex.ToString +
                                                              sqlcon.Open()
"';"
                                                              query = "UPDATE patient
                                                 SET patient.status='False' WHERE
                 Case 5 : query =
"UPDATE report SET
                                                 patient.hosind='" + indextmp.ToString
report.discharge='" +
current(0).ToString + "', length='" +
current(1).ToString + "', home='" +
                                                              command = New
                                                 SqlCommand(query, sqlcon)
current(2).ToString + "' WHERE
                                                              reader =
datenum='" + Year(Now).ToString +
                                                 command.ExecuteReader()
datead +
                                                              sqlcon.Close()
ComboBox1.SelectedIndex.ToString + "'
                                                              MessageBox.Show("New
AND category='" +
                                                 patient has been successfully
ComboBox1.SelectedIndex.ToString +
                                                 discharged. Check the list for the
                                                 other patients.", "Discharge
                                                 Successful", MessageBoxButtons.OK,
                 Case 6 : query =
"UPDATE report SET
                                                 MessageBoxIcon.Information)
report.discharge='" +
current(0).ToString + "', length='" +
current(1).ToString + "', abscond='"
                                                 ListView1.Items.Remove(ListView1.Sele
                                                 ctedItems(0))
+ current(2).ToString + "' WHERE
                                                              NotifyIcon1 =
datenum='" + Year(Now).ToString +
                                                 Admin.NotifyIcon1
datead +
ComboBox1.SelectedIndex.ToString + "'
                                                 NotifyIcon1.BalloonTipIcon =
AND category='" +
                                                 ToolTipIcon.Info
ComboBox1.SelectedIndex.ToString +
                                                 NotifyIcon1.BalloonTipText = "New
                 Case 7 : query =
                                                 patient has been discharged."
"UPDATE report SET
report.discharge='" +
                                                 NotifyIcon1.BalloonTipTitle =
current(0).ToString + "', length='" +
                                                 "Patient Discharged"
```

NotifyIcon1.ShowBalloonTip(3000)	As MouseEventArgs) Handles MyBase.MouseUp If e.Button =
height =	Windows.Forms.MouseButtons.Left Then
ListView1.Items.Count If height > 9 Then	isMouseDown = False
ColumnHeader4.Width =	End If
100	End Sub
ColumnHeader3.Width =	Liid Sub
90	Drivata Sub Buttona Click(condon
ColumnHeader2.Width =	Private Sub Button2_Click(sender
	As Object, e As EventArgs) Handles Button2.Click
145	
ElseIf height < 10 Then ColumnHeader4.Width =	Me.Close()
	End Sub
106 ColumnHeader3.Width =	End Class
	Ella Class
96	
ColumnHeader2.Width =	
150	EXPAND
End If	LAPAND
Catch ex As SqlException	Imports System Data CalCliant
Manager Charles Manager	Imports System.Data.SqlClient
MessageBox.Show(ex.Message)	Public Class Expand
End Try	Dim NotifuToon1 As Object
End Sub	Dim NotifyIcon1 As Object
Private isMouseDown As Boolean =	Private Sub
False	ComboBox4_SelectedIndexChanged(sender
Private mouseOffset As Point	As Object, e As EventArgs) Handles
	ComboBox4.SelectedIndexChanged
Private Sub	Dim connection As String
Discharge_MouseDown(sender As Object,	Dim sqlcon As SqlConnection
e As MouseEventArgs) Handles	Dim command As SqlCommand
MyBase.MouseDown	Dim reader As SqlDataReader
If e.Button =	Dim query As String
Windows.Forms.MouseButtons.Left Then	Dim found As Boolean = False
mouseOffset = New Point(-	connection = "Data
e.X, -e.Y)	Source=BERMUNDO-PC;Initial
isMouseDown = True	Catalog=SystemDB; Integrated
End If	Security=True"
End Sub	sqlcon = New
End Sub	SqlConnection(connection)
Private Sub	Try
Discharge_MouseMove(sender As Object,	ComboBox1.Items.Clear()
e As MouseEventArgs) Handles	ComboBox1.Items.Add("New
MyBase.MouseMove	Room")
If isMouseDown Then	sqlcon.Open()
Dim mousePos As Point =	query = "SELECT
	room.roomid FROM room WHERE
Control.MousePosition	room.category='" +
	ComboBox4.SelectedIndex.ToString +
mousePos.Offset(mouseOffset.X,	
mouseOffset.Y)	"", "
Me.Location = mousePos	command = New
End If	SqlCommand(query, sqlcon)
End Sub	reader =
	command.ExecuteReader()
Private Sub	While reader.Read()
Discharge_MouseUp(sender As Object, e	

```
found =
                                                              tmpcur = tmpcat +
ComboBox1.FindStringExact(reader.GetS
                                             CStr(current)
tring(0))
                                                              Label2.Text = tmpcur
                                             + "-" + "1"
                If found = True Then
                                                              sqlcon.Close()
ComboBox1.Items.Add(reader.GetString(
                                                          ElseIf
                                             ComboBox1.SelectedIndex <> 0 Then
0))
                End If
                                                              sqlcon.Open()
            End While
                                                              query = "SELECT
                                             MAX(roombed) AS HighestValue FROM
        Catch ex As SqlException
                                             room WHERE roomid='" +
                                             ComboBox1.SelectedItem + "';"
MessageBox.Show(ex.Message)
        End Try
                                                              command = New
    End Sub
                                             SqlCommand(query, sqlcon)
                                                              reader =
    Private Sub
                                              command.ExecuteReader()
ComboBox1 SelectedIndexChanged(sender
                                                              While reader.Read()
As Object, e As EventArgs) Handles
                                                                  current =
ComboBox1.SelectedIndexChanged
                                             reader.GetInt32(0)
        Dim connection As String
                                                              End While
        Dim sqlcon As SqlConnection
                                                              current = current + 1
        Dim command As SqlCommand
                                                              Label2.Text =
        Dim reader As SqlDataReader
                                             ComboBox1.SelectedItem + "-" +
        Dim query As String
                                             current.ToString
        Dim tmpcur As String
                                                              sqlcon.Close()
        Dim tmpcat As String
                                                          End If
        Dim current As Integer = 0
                                                     Catch ex As SqlException
        connection = "Data
Source=BERMUNDO-PC; Initial
                                             MessageBox.Show(ex.Message)
Catalog=SystemDB; Integrated
                                                      End Try
Security=True"
                                                 End Sub
        salcon = New
                                                 Private Sub Button1_Click(sender
SqlConnection(connection)
                                             As Object, e As EventArgs) Handles
        Try
                                             Button1.Click
            Ιf
ComboBox1.SelectedIndex = 0 Then
                                                      Dim connection As String
                sqlcon.Open()
                                                      Dim sqlcon As SqlConnection
                query = "SELECT
                                                     Dim command As SqlCommand
MAX(CAST(roomid AS varchar)) FROM
                                                      Dim reader As SqlDataReader
room WHERE category='" +
                                                     Dim result As DialogResult
ComboBox4.SelectedIndex.ToString +
                                                      Dim current As Integer
"';"
                                                      Dim query As String
                command = New
                                                      Dim roomarr() As String
SqlCommand(query, sqlcon)
                                                      connection = "Data
                                              Source=BERMUNDO-PC; Initial
                reader =
command.ExecuteReader()
                                             Catalog=SystemDB; Integrated
                                             Security=True"
                While reader.Read()
                    tmpcur =
                                                      sqlcon = New
                                             SqlConnection(connection)
reader.GetString(0)
                End While
                                                     Try
                                                          roomarr =
                tmpcat =
tmpcur.Substring(0, 3)
                                             Label2.Text.Split("-")
                                                          sqlcon.Open()
                tmpcur =
                                                          query = "SELECT
tmpcur.Substring(3, 3)
                current =
                                             MAX(roomno) AS HighestValue FROM room
CInt(tmpcur)
                                             WHERE roomid='" + roomarr(0) + "';"
                current = current + 1
                                                          command = New
                                             SqlCommand(query, sqlcon)
```

```
reader =
                                                      Catch ex As SqlException
command.ExecuteReader()
            While reader.Read()
                                             MessageBox.Show(ex.Message)
                If reader.IsDBNull(0)
                                                      End Try
= True Then
                                                 End Sub
                    current = 0
                ElseIf
                                                 Private Sub Button2 Click(sender
reader.IsDBNull(0) = False Then
                                             As Object, e As EventArgs) Handles
                                             Button2.Click
                    current =
reader.GetInt32(0)
                                                     Me.Close()
                End If
                                                 End Sub
            End While
            current = current + 1
                                             End Class
            sqlcon.Close()
            result =
                                              INDEX
MessageBox.Show("Are the informations
above correct? Do you want this room
                                             Imports System.Data.SqlClient
information to be saved?", "Expand
                                             Public Class Index
Confirmation",
MessageBoxButtons.YesNo,
                                                  Private Sub Button1 Click(sender
MessageBoxIcon.Question)
                                             As Object, e As EventArgs) Handles
            Select Case result
                                              Button1.Click
                Case DialogResult.Yes
                                                     Dim connection As String
                    sqlcon.Open()
                                                      Dim sqlcon As SqlConnection
                    query = "INSERT
                                                      Dim command As SqlCommand
INTO room (roomid, category, roomno,
                                                     Dim reader As SqlDataReader
roombed, approve) VALUES ('" +
                                                      Dim query As String
roomarr(0) + "', '" +
                                                      Dim found As Boolean = False
ComboBox4.SelectedIndex.ToString +
                                                      Dim present As Boolean =
"', '" + current.ToString + "',
                                             False
roomarr(1) + "', 'False');"
                                                      Dim penalty As Boolean =
                    command = New
                                             False
SqlCommand(query, sqlcon)
                                                      Dim admit As DialogResult
                    reader =
                                                      Dim retry As DialogResult
command.ExecuteReader()
                                                      Dim again As DialogResult
                    sqlcon.Close()
                                                      connection = "Data
                                             Source=BERMUNDO-PC; Initial
MessageBox.Show("New expansion has
                                             Catalog=SystemDB; Integrated
been performed. New space has been
                                              Security=True"
added to the list of available
                                                      sqlcon = New
rooms.", "Expand Message",
                                              SqlConnection(connection)
MessageBoxButtons.OK,
                                                     Try
MessageBoxIcon.Information)
                                                          sqlcon.Open()
                    Me.Close()
                                                          query = "SELECT
                    NotifyIcon1 =
                                              patient.hosind, patient.fname,
Admin.NotifyIcon1
                                              patient.mname, patient.sname,
                                              patient.birthdate, patient.lastad
NotifyIcon1.BalloonTipIcon =
                                              FROM patient WHERE hosind='" +
ToolTipIcon.Info
                                             TextBox7.Text + "' AND
                                              patient.status='True';"
NotifyIcon1.BalloonTipText = "New
                                                          command = New
room space has been added."
                                              SqlCommand(query, sqlcon)
                                                          reader =
NotifyIcon1.BalloonTipTitle =
                                              command.ExecuteReader()
"Expansion Performed"
                                                          While reader.Read()
                                                              present = True
NotifyIcon1.ShowBalloonTip(3000)
                                                          End While
            End Select
                                                          sqlcon.Close()
```

```
sqlcon.Open()
                                                              If reader.IsDBNull(5)
            query = "SELECT * FROM
                                              = True Then
record WHERE record.hosind='" +
                                                                  ComboBox4.Text =
TextBox7.Text + "' AND
record.disposition='6';"
                                                                  ComboBox5.Text =
                                              ....
            command = New
SqlCommand(query, sqlcon)
                                                                  ComboBox6.Text =
            reader =
command.ExecuteReader()
                                                              ElseIf
            While reader.Read()
                                              reader.IsDBNull(5) = False Then
                penalty = True
                                              reader.GetString(5).Substring(5, 1) =
            End While
                                              "0" Then
            sqlcon.Close()
            sqlcon.Open()
            query = "SELECT
                                              ComboBox6.Text =
                                              months(CInt(reader.GetString(5).Subst
patient.hosind, patient.fname,
patient.mname, patient.sname,
                                              ring(6, 1)) - 1)
patient.birthdate, patient.lastad
                                                                  ElseIf
FROM patient WHERE hosind='" +
                                              reader.GetString(5).Substring(5, 1)
TextBox7.Text + "';"
                                              <> "0" Then
            command = New
SqlCommand(query, sqlcon)
                                              ComboBox6.Text =
            reader =
                                              months(CInt(reader.GetString(5).Subst
command.ExecuteReader()
                                              ring(5, 2)) - 1)
            While reader.Read()
                                                                  End If
                found = True
                                                                  Τf
                TextBox1.Text =
                                              reader.GetString(5).Substring(8, 1) =
reader.GetString(1)
                                              "0" Then
                TextBox2.Text =
reader.GetString(2)
                                              ComboBox5.Text =
                TextBox3.Text =
                                              reader.GetString(5).Substring(9, 1)
reader.GetString(3)
                                                                   ElseIf
                                              reader.GetString(5).Substring(8, 1)
                                              <> "0" Then
reader.GetString(4).Substring(5, 1) =
"0" Then
                    ComboBox1.Text =
                                              ComboBox5.Text =
months(CInt(reader.GetString(4).Subst
                                              reader.GetString(5).Substring(8, 2)
ring(6, 1)) - 1)
                                                                  End If
                ElseIf
                                                                  ComboBox4.Text =
reader.GetString(4).Substring(5, 1)
                                              reader.GetString(5).Substring(0, 4)
<> "0" Then
                                                              End If
                                                          End While
                    ComboBox1.Text =
months(CInt(reader.GetString(4).Subst
                                                          Select Case found
ring(5, 2)) - 1)
                                                              Case True
                End If
                                                                  If present = True
                                              Then
reader.GetString(4).Substring(8, 1) =
                                                                       again =
"0" Then
                                              MessageBox.Show("Patient was
                    ComboBox2.Text =
                                              currently admitted. Search again?",
                                              "Patient Redundancy",
reader.GetString(4).Substring(9, 1)
                ElseIf
                                              MessageBoxButtons.YesNo,
reader.GetString(4).Substring(8, 1)
                                              MessageBoxIcon.Question)
<> "0" Then
                                                                      Select Case
                    ComboBox2.Text =
                                              again
reader.GetString(4).Substring(8, 2)
                                                                           Case
                End If
                                              DialogResult.Yes
                ComboBox3.Text =
reader.GetString(4).Substring(0, 4)
                                              TextBox7.Text = ""
```

DialogResult.No		Me.Close()	
Me.Close()		Admin.Show()	F., J
Admin.Show()		Select	End
Els False Then	End Select seIf present =	End End If Case False	l Select
nonalty	Select Case	retry =	
penalty	Case True admit	MessageBox.Show("Patient wa found in the record. Search "Information Not Found",	
<pre>= MessageBox.Show("Pati in the absconded list. want to admit this pati</pre>	Do you still ent?",		Case retry
"Absconded Patient Four MessageBoxButtons.YesNo MessageBoxIcon.Warning)),	Cas DialogResult.Yes	e
		TextBox7.Text = ""	_
Select Case admit Case DialogResult.Yes		Cas DialogResult.No	е
case Dialognesuit. Tes		Me.Close()	
<pre>indextmp = CInt(TextBox</pre>	(7.Text)	Admin.Show()	
Me.Close()		End Sel End Select	.ect
Admission.Show()		sqlcon.Close() Catch ex As SqlExce	ption
Case DialogResult.No		MessageBox.Show(ex.Message)	
Me.Close()		End Try End Sub	
Admin.Show()	Fad	Deivote isMeuseDeum As	Dooloon
Select	End	Private isMouseDown As False	Rooteau =
	Case	Private mouseOffset As	Point
False	admit	Private Sub	
<pre>= MessageBox.Show("Pati in the record. Admit th "Information Found", MessageBoxButtons.YesNo</pre>	nis patient?",	<pre>Index_MouseDown(sender As O As MouseEventArgs) Handles MyBase.MouseDown</pre>	bject, e
MessageBoxIcon.Question	-	Windows.Forms.MouseButtons. mouseOffset = N	
Select Case admit		e.X, -e.Y)	•
Case DialogResult.Yes		isMouseDown = T End If End Sub	rue
<pre>indextmp = CInt(TextBox</pre>	7.Text)		
Me.Close()		Private Sub Index_MouseMove(sender As 0	bject, e
Admission.Show()		As MouseEventArgs) Handles MyBase.MouseMove If isMouseDown Then	1
Case DialogResult.No		Dim mousePos As Control.MousePosition	

	sqlcon = New
<pre>mousePos.Offset(mouseOffset.X,</pre>	SqlConnection(connection)
<pre>mouseOffset.Y)</pre>	Try
<pre>Me.Location = mousePos</pre>	sqlcon.Open()
End If	query = "SELECT * FROM
End Sub	accounts WHERE username='" &
	<pre>TextBox1.Text & "' AND password='" &</pre>
Private Sub Index_MouseUp(sender	TextBox2.Text & "';"
As Object, e As MouseEventArgs)	command = New
Handles MyBase.MouseUp	SqlCommand(query, sqlcon)
<pre>If e.Button =</pre>	reader =
Windows.Forms.MouseButtons.Left Then	command.ExecuteReader()
isMouseDown = False	While reader.Read()
End If	found = True
End Sub	TextBox1.Text =
	"Username"
Private Sub	TextBox2.Text =
TextBox7_KeyDown(sender As Object, e	"Password"
As KeyEventArgs) Handles	If reader.IsDBNull(7)
TextBox7.KeyDown	= True Then
<pre>If e.KeyCode = Keys.Enter</pre>	If
Then Date (2)	reader.GetBoolean(11) = True Then
Button1.PerformClick()	M
End If	MessageBox.Show("Account is currently
End Sub	active. Please try again later.")
Duivata Cub Button2 Click/aandaa	ElseIf
Private Sub Button2_Click(sender	reader.GetBoolean(11) = False Then
As Object, e As EventArgs) Handles	<pre>details(0) =</pre>
Button2.Click	reader.GetString(9)
<pre>Me.Close() End Sub</pre>	<pre>details(1) =</pre>
Eliu Sub	reader.GetString(10)
End Class	Me.Hide() Admin.Show()
Liid Class	End If
	ElseIf
	reader.IsDBNull(7) = False Then
LOGIN	If
200211	reader.GetBoolean(11) = True Then
Imports System.Data.SqlClient	reader deebootean(11) - 11 de men
Public Class Login	MessageBox.Show("Account is currently
	active. Please try again later.")
Private Sub Button1_Click(sender	ElseIf
As Object, e As EventArgs) Handles	reader.GetBoolean(11) = False Then
Button1.Click	details(0) =
counter(0) = 0	reader.GetString(9)
counter(1) = 0	details(1) =
counter(2) = 0	reader.GetString(10)
Dim connection As String	account =
Dim found As Boolean = False	reader.GetInt32(7)
Dim sqlcon As SqlConnection	Me.Hide()
Dim command As SqlCommand	Ward.Show()
Dim reader As SqlDataReader	End If
Dim query As String	End If
connection = "Data	End While
Source=BERMUNDO-PC;Initial	If found = False Then
Catalog=SystemDB;Integrated	
Security=True"	<pre>MessageBox.Show("Invalid input data.</pre>

Please provide valid information.",	TextBox2.Text = ""
"Login Failed")	TextBox2.PasswordChar = "*"
<pre>TextBox2.Text = "" End If</pre>	End Sub
<pre>sqlcon.Close()</pre>	Private Sub
Catch ex As SqlException	TextBox2_KeyDown(sender As Object, e
MossagaPay Shaw(ay Massaga)	As KeyEventArgs) Handles TextBox2.KeyDown
MessageBox.Show(ex.Message) End Try	
End Sub	<pre>If e.KeyCode = Keys.Enter Then</pre>
Ella Sub	Button1.PerformClick()
Private isMouseDown As Boolean =	End If
False	End Sub
Private mouseOffset As Point	Liid Sab
TTIVACE MOUSEOTTSCE AS TOTHE	Private Sub Button2_Click(sender
Private Sub	As Object, e As EventArgs) Handles
Login_MouseDown(sender As Object, e	Button2.Click
As MouseEventArgs) Handles	Me.Close()
MyBase.MouseDown	End Sub
If e.Button =	LIIU JUD
Windows.Forms.MouseButtons.Left Then	Private Sub
mouseOffset = New Point(-	TextBox1_GotFocus(sender As Object, e
e.X, -e.Y)	As EventArgs) Handles
isMouseDown = True	TextBox1.GotFocus
End If	If TextBox2.Text = "" Then
End Sub	TextBox2.PasswordChar =
Liid Sab	""
Private Sub	TextBox2.Text =
Login_MouseMove(sender As Object, e	"Password"
As MouseEventArgs) Handles	End If
MyBase.MouseMove	TextBox1.Text = ""
If isMouseDown Then	End Sub
Dim mousePos As Point =	2.114 345
Control.MousePosition	End Class
<pre>mousePos.Offset(mouseOffset.X,</pre>	
mouseOffset.Y)	N.A
Me.Location = mousePos	Manage
End If	
End Sub	Imports System.Data.SqlClient Public Class Manage
Private Sub Login_MouseUp(sender	
As Object, e As MouseEventArgs)	Private Sub
Handles MyBase.MouseUp	ComboBox4_SelectedIndexChanged(sender
If e.Button =	As Object, e As EventArgs) Handles
Windows.Forms.MouseButtons.Left Then	ComboBox4.SelectedIndexChanged
isMouseDown = False	Dim connection As String
End If	Dim sqlcon As SqlConnection
End Sub	Dim command As SqlCommand
	Dim reader As SqlDataReader
Private Sub	Dim query As String
TextBox2_GotFocus(sender As Object, e	Dim category As Integer
As EventArgs) Handles	connection = "Data
TextBox2.GotFocus	Source=BERMUNDO-PC;Initial
If TextBox1.Text = "" Then	Catalog=SystemDB;Integrated
TextBox1.Text =	Security=True"
"Username"	sqlcon = New
End If	SqlConnection(connection)
	•

Iry	<pre>lextBox2.lext =</pre>
<pre>ComboBox5.Items.Clear()</pre>	reader.GetString(1)
sqlcon.Open()	TextBox3.Text =
category =	reader.GetString(2)
ComboBox4.SelectedIndex - 1	If
query = "SELECT empno	<pre>reader.GetBoolean(3) = True Then</pre>
FROM accounts WHERE category='" +	
category.ToString + "';"	<pre>RadioButton1.PerformClick()</pre>
If category = -1 Then	ElseIf
query = "SELECT empno	reader.GetBoolean(3) = False Then
FROM accounts WHERE category IS	` '
NULL;"	<pre>RadioButton2.PerformClick()</pre>
End If	End If
command = New	<pre>If reader.GetInt32(4)</pre>
SqlCommand(query, sqlcon)	= 0 Then
reader =	
command.ExecuteReader()	RadioButton7.PerformClick()
While reader.Read()	ElseIf
	reader.GetInt32(4) = 1 Then
ComboBox5.Items.Add(reader.GetInt32(0	1 cade 1 decine 32(4) = 1 men
))	RadioButton6.PerformClick()
End While	ElseIf
Catch ex As SqlException	reader.GetInt32(4) = 2 Then
catch ex As Sqiliteeption	reduct : dettires2(4) = 2 men
MessageBox.Show(ex.Message)	RadioButton5.PerformClick()
End Try	End If
End Sub	T f
Elia Sub	reader.GetString(5).Substring(5, 1) =
Private Sub	"0" Then
ComboBox5_SelectedIndexChanged(sender	ComboBox1.Text =
As Object, e As EventArgs) Handles	months(CInt(reader.GetString(5).Subst
ComboBox5.SelectedIndexChanged	ring(6, 1)) - 1) ElseIf
Dim connection As String	
Dim sqlcon As SqlConnection	<pre>reader.GetString(5).Substring(5, 1) <> "0" Then</pre>
Dim command As SqlCommand	
Dim reader As SqlDataReader	ComboBox1.Text =
Dim query As String	months(CInt(reader.GetString(5).Subst
connection = "Data	ring(5, 2)) - 1)
Source=BERMUNDO-PC; Initial	End If
Catalog=SystemDB;Integrated	If (5) (5) (6) (1)
Security=True"	<pre>reader.GetString(5).Substring(8, 1) =</pre>
sqlcon = New	"0" Then
SqlConnection(connection)	ComboBox2.Text =
Try	reader.GetString(5).Substring(9, 1)
sqlcon.Open()	ElseIf
query = "SELECT fname,	<pre>reader.GetString(5).Substring(8, 1)</pre>
mname, sname, gender, mstatus,	<> "0" Then
birthdate, position, username,	ComboBox2.Text =
password FROM accounts WHERE empno='"	<pre>reader.GetString(5).Substring(8, 2)</pre>
+ ComboBox5.Text + "';"	End If
command = New	ComboBox3.Text =
SqlCommand(query, sqlcon)	<pre>reader.GetString(5).Substring(0, 4)</pre>
reader =	TextBox4.Text =
command.ExecuteReader()	reader.GetString(6)
While reader.Read()	<pre>TextBox5.Text =</pre>
<pre>TextBox1.Text =</pre>	reader.GetString(7)
reader.GetString(0)	TextBox6.Text =
	reader.GetString(8)

End While	ElseIf
Catch ex As SqlException	<pre>ComboBox2.SelectedIndex > 8 Then</pre>
MessageBox.Show(ex.Message) End Try	End If
End Sub	ComboBox4.SelectedIndex <> 0 Then query = "UPDATE
Private Sub Button1_Click(sender	accounts SET accounts.fname='" +
As Object, e As EventArgs) Handles	<pre>TextBox1.Text + "', accounts.mname='"</pre>
Button1.Click	+ TextBox2.Text + "',
Dim connection As String	accounts.sname='" + TextBox3.Text +
Dim sqlcon As SqlConnection	"', accounts.gender='" +
Dim command As SqlCommand	gender.ToString + "',
Dim reader As SqlDataReader	accounts.mstatus='" +
Dim result As DialogResult	mstatus.ToString + "',
Dim query As String	accounts.category='" +
Dim gender As Integer	(ComboBox4.SelectedIndex -
Dim mstatus As Integer	1).ToString + "',
Dim month As String	accounts.position='" + TextBox4.Text
Dim days As String	+ "', accounts.username='" +
connection = "Data	TextBox5.Text + "',
Source=BERMUNDO-PC;Initial	accounts.password='" + TextBox6.Text
Catalog=SystemDB;Integrated	+ "' WHERE accounts.empno='" +
Security=True"	ComboBox5.Text + "';"
sqlcon = New	ElseIf
SqlConnection(connection)	ComboBox4.SelectedIndex = 0 Then
Try	query = "UPDATE
sqlcon.Open()	accounts SET accounts.fname='" +
<pre>If RadioButton1.Checked()</pre>	<pre>TextBox1.Text + "', accounts.mname='"</pre>
Then	+ TextBox2.Text + "',
gender = 1	accounts.sname='" + TextBox3.Text +
ElseIf	"', accounts.gender='" +
RadioButton2.Checked() Then	<pre>gender.ToString + "',</pre>
gender = 0	accounts.mstatus='" +
End If	<pre>mstatus.ToString + "',</pre>
<pre>If RadioButton5.Checked()</pre>	accounts.category=NULL,
Then	accounts.position='" + TextBox4.Text
mstatus = 2	+ "', accounts.username='" +
ElseIf	TextBox5.Text + "',
RadioButton6.Checked() Then	accounts.password='" + TextBox6.Text
mstatus = 1	+ "' WHERE accounts.empno='" +
ElseIf	ComboBox5.Text + "';"
RadioButton7.Checked() Then	End If
mstatus = 0	result =
End If	MessageBox.Show("Are the informations
If	above correct? Do you want to save
ComboBox1.SelectedIndex < 9 Then	changes in this account?", "Manage
month = "0" +	Confirmation",
CStr(ComboBox1.SelectedIndex + 1)	MessageBoxButtons.YesNo,
ElseIf	MessageBoxIcon.Question)
ComboBox1.SelectedIndex > 8 Then	Select result
month =	Case DialogResult.Yes
CStr(ComboBox1.SelectedIndex + 1)	command = New
End If	SqlCommand(query, sqlcon)
If	reader =
ComboBox2.SelectedIndex < 9 Then	command.ExecuteReader()
days = "0" +	sqlcon.Close()
ComboRox2 Text	342562056()

MessageBox.Show("New account has been modified successfully. Please take	<pre>patient.mname, patient.sname, record.datead, room.approve FROM room LEFT JOIN record ON</pre>
note for the new information that have been saved.", "Manage Message", MessageBoxButtons.OK, MessageBoxIcon.Information)	<pre>room.casenum=record.casenum LEFT JOIN patient ON patient.hosind = record.hosind WHERE room.category='" + account.ToString + "';"</pre>
Me.Close() End Select Catch ex As SqlException	<pre>command = New SqlCommand(query, sqlcon)</pre>
MessageBox.Show(ex.Message) End Try End Sub	<pre>While reader.Read()</pre>
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click	<pre>" + reader.GetInt32(1).ToString)</pre>
End Class	<pre>list.SubItems.Add("None")</pre>
	list.SubItems.Add("None")
	list.SubItems.Add("Yes") ElseIf
	reader.IsDBNull(2) = False Then
MONITOR	<pre>list.SubItems.Add("Admission Processed")</pre>
Imports System.Data.SqlClient Public Class Monitor	<pre>list.SubItems.Add("None") list.SubItems.Add("No")</pre>
Private Sub Monitor_Load(sender As Object, e As EventArgs) Handles MyBase.Load	End If ElseIf reader.GetInt32(2) <> 0 Then
Dim connection As String Dim sqlcon As SqlConnection	<pre>list.SubItems.Add(reader.GetString(3) + " " +</pre>
Dim command As SqlCommand Dim reader As SqlDataReader Dim length As Integer Dim height As Integer	<pre>reader.GetString(4).Substring(0, 1) + ". " + reader.GetString(5))</pre>
Dim neight As Integer Dim query As String Dim list As ListViewItem connection = "Data	<pre>DateTime.Now.Subtract(CDate(reader.Ge tString(6))).TotalDays</pre>
Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated	list.SubItems.Add(length)
Security=True"	list.SubItems.Add("No")
sqlcon = New	End If
SqlConnection(connection) Try	· · · · · · · · · · · · · · · · · · ·
SqlConnection(connection)	<pre>End If ListView1.Items.Add(list)</pre>

ColumnHeader1.Width =	<pre>mouseOffset = New Point(-</pre>
80 ColumnHeader2.Width =	e.X, -e.Y) isMouseDown = True
143	End If
ColumnHeader3.Width =	End Sub
36 ElseIf height < 11 Then	Private Sub
ColumnHeader1.Width =	Monitor_MouseMove(sender As Object, e
82 ColumnHeader2.Width =	As MouseEventArgs) Handles MyBase.MouseMove
150	If isMouseDown Then
ColumnHeader3.Width = 44	Dim mousePos As Point = Control.MousePosition
End If	
Catch ex As SqlException	<pre>mousePos.Offset(mouseOffset.X, mouseOffset.Y)</pre>
MessageBox.Show(ex.Message)	Me.Location = mousePos
End Try	End If
End Sub	End Sub
Private Sub Button1_Click(sender	Private Sub
As Object, e As EventArgs) Handles	Monitor_MouseUp(sender As Object, e
Button1.Click	As MouseEventArgs) Handles
Me.Close()	MyBase.MouseUp
Ward.Show() End Sub	If e.Button =
Ena Sub	Windows.Forms.MouseButtons.Left Then isMouseDown = False
Private Sub Button5_Click(sender	End If
As Object, e As EventArgs) Handles	End Sub
Button5.Click	
Me.Close()	Private Sub Button3_Click(sender
Pending.Show()	As Object, e As EventArgs) Handles
End Sub	Button3.Click
Drivata Sub Button? Click/condon	Me.Close() End Sub
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles	Ella Sub
Button2.Click	End Class
Me.Close()	
Submission.Show()	PENDING
End Sub	
	Imports System.Data.SqlClient
Private Sub Button7_Click(sender	Public Class Pending
As Object, e As EventArgs) Handles Button7.Click	Dim NotifuTcon1 Ac Object
Me.Close()	Dim NotifyIcon1 As Object
Search.Show()	Private Sub
End Sub	ListView1_Click(sender As Object, e
	As EventArgs) Handles ListView1.Click
Private isMouseDown As Boolean =	Dim connection As String
False	Dim sqlcon As SqlConnection
Private mouseOffset As Point	Dim command As SqlCommand
Delivate Cub	Dim reader As SqlDataReader
Private Sub	Dim query As String
Monitor_MouseDown(sender As Object, e As MouseEventArgs) Handles	connection = "Data
MyBase.MouseDown	Source=BERMUNDO-PC; Initial
If e.Button =	Catalog=SystemDB;Integrated Security=True"
Windows.Forms.MouseButtons.Left Then	Security-II de

sqlcon = New	connection = "Data
SqlConnection(connection)	Source=BERMUNDO-PC;Initial
Try	Catalog=SystemDB;Integrated
sqlcon.Open()	Security=True"
query = "SELECT	sqlcon = New
record.casenum, record.category,	SqlConnection(connection)
room.roomid, room.roombed,	Try
record.diagnosis, physician.fname,	sqlcon.Open()
physician.mname, physician.sname,	query = "SELECT
record.datead, record.timead FROM	room.casenum, patient.hosind,
room JOIN record ON	patient.fname, patient.mname,
record.casenum=room.casenum JOIN	patient.sname, room.roomid,
physician ON	room.roombed FROM room JOIN record ON
physician.mdnum=record.mdnum WHERE	record.casenum=room.casenum JOIN
record.casenum='" +	patient ON
ListView1.SelectedItems(0).ToString.S	record.hosind=patient.hosind WHERE
ubstring(15, 9) + "';"	room.casenum IS NOT NULL AND
command = New	record.status='True' AND
SqlCommand(query, sqlcon)	room.approve='False' and
reader =	room.category='" + account.ToString +
command.ExecuteReader()	"'."
While reader.Read()	command = New
Label17.Text =	SqlCommand(query, sqlcon)
reader.GetInt32(0)	reader =
reduct idecines2(0)	command.ExecuteReader()
ComboBox1.SelectedIndex =	While reader.Read()
reader.GetInt32(1)	list = New
ComboBox2.Text =	ListViewItem(reader.GetInt32(0))
reader.GetString(2) + "-" +	LISCVICWITCHN(1 cadel : decines2(0))
reader.GetInt32(3).ToString	<pre>list.SubItems.Add(reader.GetInt32(1))</pre>
TextBox3.Text =	1130.50010cm3.Add(10ddc1.dcc1mc52(1))
reader.GetString(4)	list.SubItems.Add(reader.GetString(2)
ComboBox6.Text =	+ " " +
reader.GetString(5) + " " +	reader.GetString(3).Substring(0, 1) +
reader.GetString(6).Substring(0, 1) +	". " + reader.GetString(4))
". " + reader.GetString(7)	· ' ' ' Cude' ' ' de e 5 e l' 1 l' g (+ /)
TextBox2.Text =	list.SubItems.Add(reader.GetString(5)
reader.GetString(8)	+ "-" + reader.GetInt32(6).ToString)
TextBox4.Text =	i reduct decines2(0):103cf ing)
reader.GetString(9)	ListView1.Items.Add(list)
End While	End While
sqlcon.Close()	sqlcon.Close()
Catch ex As SqlException	height =
catch ex As Sqitxception	ListView1.Items.Count
MessageBox.Show(ex.Message)	If height > 17 Then
· · · · · · · · · · · · · · · · · · ·	ColumnHeader3.Width =
End Try End Sub	133
Ella Sab	
Drivata Sub Danding Load(condon	ElseIf height < 18 Then ColumnHeader3.Width =
Private Sub Pending_Load(sender	
As Object, e As EventArgs) Handles	150
MyBase.Load	End If
Dim connection As String	Catch ex As SqlException
Dim sqlcon As SqlConnection	Massaga Pay Shou(ay Massaga)
Dim command As SqlCommand	MessageBox.Show(ex.Message)
Dim reader As SqlDataReader	End Try
Dim query As String	End Sub
Dim height As String	
Dim list As ListViewItem	

```
Private Sub Button1_Click(sender
                                                                     query =
                                             "INSERT INTO report (datenum,
As Object, e As EventArgs) Handles
Button1.Click
                                             category, catname, admit, discharge,
       Dim connection As String
                                             length, improve, unimp, baby,
       Dim sqlcon As SqlConnection
                                             referred, transfer, home, abscond,
                                             expired) VALUES ('" +
       Dim command As SqlCommand
       Dim reader As SqlDataReader
                                             Year(Now).ToString + datead +
                                             Dim index As Integer
       Dim current As Integer
       Dim height As Integer
       Dim query As String
                                             '0');"
       Dim datead As String
        connection = "Data
                                                                     command = New
Source=BERMUNDO-PC; Initial
                                             SqlCommand(query, sqlcon)
Catalog=SystemDB; Integrated
                                                                     reader =
Security=True"
                                             command.ExecuteReader()
        sqlcon = New
                                                                     index = index
SqlConnection(connection)
                                             + 1
                                                                 End While
       Try
                                                             End If
            sqlcon.Open()
            query = "UPDATE room SET
                                                         End While
room.approve='True' WHERE
                                                         sqlcon.Close()
room.casenum='" +
                                                         sqlcon.Open()
                                                         query = "SELECT admit
ListView1.SelectedItems(0).ToString.S
ubstring(15, 9) + "';"
                                             FROM report WHERE datenum='" +
            command = New
                                             Year(Now).ToString + datead +
                                             ComboBox1.SelectedIndex.ToString + "'
SqlCommand(query, sqlcon)
            reader =
                                             AND category='" +
                                             ComboBox1.SelectedIndex.ToString +
command.ExecuteReader()
            sqlcon.Close()
            MessageBox.Show("New
                                                         command = New
patient accommodation has been
                                             SqlCommand(query, sqlcon)
approved. Please wait for the patient
                                                         reader =
to be admitted.", "Accommodation
                                             command.ExecuteReader()
Successful", MessageBoxButtons.OK,
                                                         While reader.Read()
MessageBoxIcon.Information)
                                                             If reader.IsDBNull(0)
                                             = True Then
            salcon.Open()
            If Now.Month < 10 Then
                                                                 current = 0
                datead = "0" +
                                                             FlseTf
Now.Month.ToString
                                             reader.IsDBNull(0) = False Then
            ElseIf Now.Month > 9 Then
                                                                 current =
                datead =
                                             reader.GetInt32(0)
Now.Month.ToString
                                                             End If
            End If
                                                             current = current + 1
            query = "SELECT COUNT(1)
                                                         End While
                                                         sqlcon.Close()
FROM report WHERE datenum LIKE '" +
Year(Now).ToString + datead + "%';"
                                                         sqlcon.Open()
                                                         query = "UPDATE report
            command = New
                                             SET report.admit='" +
SqlCommand(query, sqlcon)
                                             current.ToString + "' WHERE
            reader =
                                             datenum='" + Year(Now).ToString +
command.ExecuteReader()
            While reader.Read()
                                             datead +
                If reader.GetInt32(0)
                                             ComboBox1.SelectedIndex.ToString + "'
= 0 Then
                                             AND category='" +
                    While index < 8
                                             ComboBox1.SelectedIndex.ToString +
sqlcon.Close()
                                                         command = New
                        sqlcon.Open()
                                             SqlCommand(query, sqlcon)
```

reader =	
<pre>command.ExecuteReader()</pre>	<pre>mousePos.Offset(mouseOffset.X,</pre>
sqlcon.Close()	mouseOffset.Y)
	Me.Location = mousePos
ListView1.Items.Remove(ListView1.Sele	End If
ctedItems(0))	End Sub
height =	
ListView1.Items.Count	Private Sub
If height > 17 Then	Pending_MouseUp(sender As Object, e
ColumnHeader3.Width =	As MouseEventArgs) Handles
133	MyBase.MouseUp
	If e.Button =
ElseIf height < 18 Then	Windows.Forms.MouseButtons.Left Then
ColumnHeader3.Width =	
150	isMouseDown = False
End If	End If
NotifyIcon1 =	End Sub
Ward.NotifyIcon1	
	Private Sub Button2_Click(sender
NotifyIcon1.BalloonTipIcon =	As Object, e As EventArgs) Handles
ToolTipIcon.Info	Button2.Click
	Me.Close()
NotifyIcon1.BalloonTipText = "New	End Sub
patient has been received."	
	End Class
NotifyIcon1.BalloonTipTitle =	
"Patient Received"	PHYSICIAN
	THISICIAN
NotifyIcon1.ShowBalloonTip(3000)	Imports System.Data.SqlClient
Catch ex As SqlException	
Catch ex As Sqiixception	Public Class Physician
MessageBox.Show(ex.Message)	Dim Notifulcon1 As Object
End Try	Dim NotifyIcon1 As Object
End Sub	Dudwata Cub
Liid Sab	Private Sub
Duivata isMausaDava As Daalasa	ComboBox4_SelectedIndexChanged(sender
Private isMouseDown As Boolean =	As Object, e As EventArgs) Handles
False	ComboBox4.SelectedIndexChanged
Private mouseOffset As Point	Dim connection As String
	<u> </u>
	Dim sqlcon As SqlConnection
Private Sub	Dim command As SqlCommand
Pending_MouseDown(sender As Object, e	
	Dim command As SqlCommand
Pending_MouseDown(sender As Object, e	Dim command As SqlCommand Dim reader As SqlDataReader
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True"
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection)
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open()
<pre>Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown</pre>	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open() Select Case
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open() Select Case ComboBox4.SelectedIndex
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open() Select Case ComboBox4.SelectedIndex Case 0 : query =
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open() Select Case ComboBox4.SelectedIndex Case 0 : query = "SELECT MAX(CAST(mdnum AS varchar))
Pending_MouseDown(sender As Object, e As MouseEventArgs) Handles MyBase.MouseDown	Dim command As SqlCommand Dim reader As SqlDataReader Dim query As String Dim tmpcur As String Dim tmpcat As String Dim current As Integer connection = "Data Source=BERMUNDO-PC;Initial Catalog=SystemDB;Integrated Security=True" sqlcon = New SqlConnection(connection) Try sqlcon.Open() Select Case ComboBox4.SelectedIndex Case 0 : query =

Case 1 : query =	ElseIf
"SELECT MAX(CAST(mdnum AS varchar))	RadioButton2.Checked() Then
FROM physician WHERE category ='1';"	gender = 0
Case 2 : query =	End If
"SELECT MAX(CAST(mdnum AS varchar))	If
FROM physician WHERE category ='2';"	ComboBox1.SelectedIndex < 9 Then
Case 3 : query =	month = "0" +
"SELECT MAX(CAST(mdnum AS varchar))	CStr(ComboBox1.SelectedIndex + 1)
FROM physician WHERE category ='3';"	ElseIf
End Select	ComboBox1.SelectedIndex > 8 Then
command = New	month =
SqlCommand(query, sqlcon)	<pre>CStr(ComboBox1.SelectedIndex + 1)</pre>
reader =	End If
command.ExecuteReader()	If
While reader.Read()	ComboBox2.SelectedIndex < 9 Then
tmpcur =	days = "0" +
reader.GetString(0)	ComboBox2.Text
End While	ElseIf
tmpcat =	ComboBox2.SelectedIndex > 8 Then
tmpcur.Substring(0, 3)	days = ComboBox2.Text
tmpcur =	End If
tmpcur.Substring(3, 3)	query = "INSERT INTO
current = CInt(tmpcur)	physician (mdnum, fname, mname,
current = current + 1	sname, gender, birthdate, category,
tmpcur = tmpcat +	address) VALUES ('" + Label2.Text +
CStr(current)	"', '" + TextBox1.Text + "', '" +
Label2.Text = tmpcur	TextBox2.Text + "', '" +
sqlcon.Close()	TextBox3.Text + "', '" +
	gender.ToString + "', '" +
Catch ex As SqlException	genuer.iostring + , +
	ComboBox3.Text + "-" + month + "-" +
MessageBox.Show(ex.Message)	days + "', '" +
End Try	ComboBox4.SelectedIndex.ToString +
End Sub	"', '" + TextBox4.Text + "');"
	result =
Private Sub Button1_Click(sender	MessageBox.Show("Are the informations
As Object, e As EventArgs) Handles	above correct? Do you want this
Button1.Click	physician information to be saved?",
Dim connection As String	"Physician Confirmation",
Dim sqlcon As SqlConnection	MessageBoxButtons.YesNo,
Dim command As SqlCommand	MessageBoxIcon.Question)
Dim reader As SqlDataReader	Select Case result
Dim result As DialogResult	Case DialogResult.Yes
Dim query As String	command = New
Dim gender As Integer	SqlCommand(query, sqlcon)
Dim category As Integer	reader =
Dim month As String	<pre>command.ExecuteReader()</pre>
Dim days As String	sqlcon.Close()
connection = "Data	34-33()
Source=BERMUNDO-PC;Initial	MessageBox.Show("New physician has
· · · · · · · · · · · · · · · · · · ·	
Catalog=SystemDB;Integrated	been registered. The new physician
Security=True"	will now be added in the Physicans
sqlcon = New	List.", "Register Message",
SqlConnection(connection)	MessageBoxButtons.OK,
Try	MessageBoxIcon.Information)
sqlcon.Open()	Me.Close()
<pre>If RadioButton1.Checked()</pre>	NotifyIcon1 =
Then	Admin.NotifyIcon1
gender = 1	
Schael - T	

	Case 3 : rptstr =
NotifyIcon1.BalloonTipIcon =	"PhysicianList"
ToolTipIcon.Info	Case 4 : rptstr =
100111912011.11110	· · · · · · · · · · · · · · · · · · ·
	"PatientReport"
NotifyIcon1.BalloonTipText = "New	Case 5 : rptstr =
physician has been registered."	"Improved"
	Case 6 : rptstr =
NotifyIcon1.BalloonTipTitle =	"Unimproved"
	•
"Physician Registered"	Case 7 : rptstr =
	"Babies"
NotifyIcon1.ShowBalloonTip(3000)	Case 8 : rptstr =
End Select	"Referred"
Catch ex As SqlException	Case 9 : rptstr =
edeen ex As squexception	"Transfered"
MessageBox.Show(ex.Message)	Case 10 : rptstr = "HAMA"
End Try	Case 11 : rptstr =
End Sub	"Absconded"
	Case 12 : rptstr =
Private Sub Button2 Click(sender	"Expired"
As Object, e As EventArgs) Handles	Case 13 : rptstr =
Button2.Click	"SurgeryDiagnosis"
Me.Close()	Case 14 : rptstr =
End Sub	"ObstetricsDiagnosis"
	Case 15 : rptstr =
End Class	"PediatricsDiagnosis"
ENU CIASS	
	Case 16 : rptstr =
	"MedicineDiagnosis"
	End Select
PREVIEW	rptpath =
	Application.StartupPath.Replace("\bin
Imports	\Debug", "") & "\" & rptstr & ".rpt"
•	
CrystalDecisions.CrystalReports.Engin	reportdoc.Load(rptpath)
e	If Not
Imports CrystalDecisions.Shared	<pre>IO.File.Exists(rptpath) Then</pre>
D 1 3 1	Throw (New
Public Class Preview	
Public Class Preview	
	Exception("Unable to locate report
Private Sub Preview_Load(sender	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New	Exception("Unable to locate report file:" & vbCrLf & rptpath)) End If Select Case reportcat Case 0:
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue	<pre>Exception("Unable to locate report file:" & vbCrLf & rptpath))</pre>
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String	Exception("Unable to locate report file:" & vbCrLf & rptpath)) End If Select Case reportcat Case 0: paramdisval.Value = parameter paramfield1 = reportdoc.DataDefinition.ParameterFie lds paramfield2 = paramfield1.Item("DayParam") paramval = paramfield2.CurrentValues paramval.Clear()
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String	Exception("Unable to locate report file:" & vbCrLf & rptpath)) End If Select Case reportcat Case 0: paramdisval.Value = parameter paramfield1 = reportdoc.DataDefinition.ParameterFie lds paramfield2 = paramfield1.Item("DayParam") paramval = paramfield2.CurrentValues paramval.Clear()
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String Select Case reportcat Case 0 : rptstr =	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String Select Case reportcat	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String Select Case reportcat	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String Select Case reportcat	Exception("Unable to locate report file:" & vbCrLf & rptpath))
Private Sub Preview_Load(sender As Object, e As EventArgs) Handles MyBase.Load Dim reportdoc As New ReportDocument Dim paramfield1 As ParameterFieldDefinitions Dim paramfield2 As ParameterFieldDefinition Dim paramval As New ParameterValues Dim paramdisval As New ParameterDiscreteValue Dim rptpath As String Dim rptstr As String Select Case reportcat	Exception("Unable to locate report file:" & vbCrLf & rptpath))

```
Case 6:
                paramfield1 =
                                             paramdisval.Value = CInt(parameter)
reportdoc.DataDefinition.ParameterFie
                                                              paramfield1 =
1ds
                paramfield2 =
                                             reportdoc.DataDefinition.ParameterFie
paramfield1.Item("RecordsParam")
                                             lds
                paramval =
                                                              paramfield2 =
                                             paramfield1.Item("UnimpParam")
paramfield2.CurrentValues
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
            Case 2:
                                             paramfield2.ApplyCurrentValues(paramv
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                         Case 7:
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
1ds
                                                              paramfield1 =
                paramfield2 =
                                             reportdoc.DataDefinition.ParameterFie
paramfield1.Item("MonthParam")
                                             lds
                paramval =
                                                              paramfield2 =
                                             paramfield1.Item("BabiesParam")
paramfield2.CurrentValues
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
            Case 4:
                                             paramfield2.ApplyCurrentValues(paramv
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                         Case 8:
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
                                                              paramfield1 =
                                             reportdoc.DataDefinition.ParameterFie
                paramfield2 =
paramfield1.Item("IndexParam")
                                             lds
                paramval =
                                                              paramfield2 =
paramfield2.CurrentValues
                                             paramfield1.Item("ReferParam")
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
                                             paramval.Add(paramdisval)
paramfield2.ApplyCurrentValues(paramv
al)
                                             paramfield2.ApplyCurrentValues(paramv
            Case 5:
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                         Case 9:
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
                                                              paramfield1 =
                                             reportdoc.DataDefinition.ParameterFie
                paramfield2 =
paramfield1.Item("ImproveParam")
                paramval =
                                                              paramfield2 =
paramfield2.CurrentValues
                                             paramfield1.Item("TransferParam")
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
```

```
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
            Case 10:
                                             paramfield2.ApplyCurrentValues(paramv
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                          Case 14:
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
1ds
                                                              paramfield1 =
                paramfield2 =
                                             reportdoc.DataDefinition.ParameterFie
paramfield1.Item("HamaParam")
                                             lds
                paramval =
                                                              paramfield2 =
paramfield2.CurrentValues
                                             paramfield1.Item("ObstetricsParam")
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
                                             paramfield2.ApplyCurrentValues(paramv
            Case 11:
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                          Case 15 :
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
lds
                                                              paramfield1 =
                paramfield2 =
                                             reportdoc.DataDefinition.ParameterFie
paramfield1.Item("AbscondParam")
                                             lds
                paramval =
                                                              paramfield2 =
paramfield2.CurrentValues
                                             paramfield1.Item("PediatricsParam")
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
                                             paramfield2.ApplyCurrentValues(paramv
            Case 12:
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                          Case 16:
reportdoc.DataDefinition.ParameterFie
                                             paramdisval.Value = CInt(parameter)
1ds
                                                              paramfield1 =
                                             reportdoc.DataDefinition.ParameterFie
                paramfield2 =
paramfield1.Item("ExpiredParam")
                                             lds
                paramval =
                                                              paramfield2 =
paramfield2.CurrentValues
                                             paramfield1.Item("MedicineParam")
                paramval.Clear()
                                                              paramval =
                                             paramfield2.CurrentValues
paramval.Add(paramdisval)
                                                              paramval.Clear()
paramfield2.ApplyCurrentValues(paramv
                                             paramval.Add(paramdisval)
al)
                                             paramfield2.ApplyCurrentValues(paramv
            Case 13:
paramdisval.Value = CInt(parameter)
                                             al)
                paramfield1 =
                                                      End Select
reportdoc.DataDefinition.ParameterFie
lds
                                             CrystalReportViewer1.ReportSource =
                paramfield2 =
                                             reportdoc
paramfield1.Item("SurgeryParam")
                paramval =
                                             CrystalReportViewer1.Refresh()
paramfield2.CurrentValues
                                                      CrystalReportViewer1.Zoom(65)
                paramval.Clear()
                                                 End Sub
```

	Dim height As Integer
Private isMouseDown As Boolean =	Dim month As String
False	Dim days As String
Private mouseOffset As Point	Dim list As ListViewItem
	connection = "Data
Private Sub	Source=BERMUNDO-PC;Initial
<pre>Index_MouseDown(sender As Object, e</pre>	Catalog=SystemDB;Integrated
As MouseEventArgs) Handles	Security=True"
MyBase.MouseDown	sqlcon = New
<pre>If e.Button =</pre>	SqlConnection(connection)
Windows.Forms.MouseButtons.Left Then	Try
<pre>mouseOffset = New Point(-</pre>	sqlcon.Open()
e.X, -e.Y)	If
isMouseDown = True	ComboBox9.SelectedIndex < 9 Then
End If End Sub	month = "0" +
Ena Sub	CStr(ComboBox9.SelectedIndex + 1) ElseIf
Private Sub	ComboBox9.SelectedIndex > 8 Then
Index_MouseMove(sender As Object, e	month =
As MouseEventArgs) Handles	CStr(ComboBox9.SelectedIndex + 1)
MyBase.MouseMove	End If
If isMouseDown Then	If
Dim mousePos As Point =	ComboBox8.SelectedIndex < 9 Then
Control.MousePosition	days = "0" +
30.10. 02.11.04.00.	ComboBox8.Text
<pre>mousePos.Offset(mouseOffset.X,</pre>	ElseIf
mouseOffset.Y)	ComboBox8.SelectedIndex > 8 Then
Me.Location = mousePos	days = ComboBox8.Text
End If	End If
End Sub	query = "SELECT
	record.casenum, record.hosind,
<pre>Private Sub Index_MouseUp(sender</pre>	patient.fname, patient.mname,
As Object, e As MouseEventArgs)	patient.sname, patient.birthdate,
Handles MyBase.MouseUp	record.category, room.roomid,
<pre>If e.Button =</pre>	room.roombed, record.diagnosis,
Windows.Forms.MouseButtons.Left Then	physician.fname, physician.mname,
isMouseDown = False	physician.sname, record.datead,
End If	record.timead, record.disposition,
End Sub	record.datedc, record.timedc,
- 1 01	record.length FROM record JOIN
End Class	patient ON
DECODDE	record.hosind=patient.hosind JOIN
RECORDS	physician ON
Tunnets Coston Data Calcifort	physician.mdnum=record.mdnum JOIN
Imports System.Data.SqlClient	room ON record.roomno=room.roomno AND physician.category=room.category AND
Public Class Records	physician.mdnum=record.mdnum WHERE
Drivete Cub Button2 Click/conden	record.datead LIKE '" +
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles	ComboBox7.Text + "-" + month + "-" +
Button2.Click	days + "';"
ListView1.Items.Clear()	<pre>If ComboBox9.Text <> ""</pre>
Dim connection As String	And ComboBox7.Text <> "" And
Dim sqlcon As SqlConnection	ComboBox8.Text = "" Then
Dim command As SqlCommand	query = "SELECT
Dim reader As SqlDataReader	record.casenum, record.hosind,
Dim query As String	patient.fname, patient.mname,
Dim current As Integer	patient.sname, patient.birthdate,
Dim length As Integer	record.category, room.roomid,
- 0	<u> </u>

```
room.roombed, record.diagnosis,
physician.fname, physician.mname,
                                             list.SubItems.Add(current)
physician.sname, record.datead,
record.timead, record.disposition,
                                             list.SubItems.Add(category(reader.Get
record.datedc, record.timedc,
                                             Int32(6)))
record.length FROM record JOIN
                                             list.SubItems.Add(reader.GetString(7)
patient ON
record.hosind=patient.hosind JOIN
                                             + "-" + reader.GetInt32(8).ToString)
physician ON
physician.mdnum=record.mdnum JOIN
                                             list.SubItems.Add(reader.GetString(9)
room ON record.roomno=room.roomno AND
physician.category=room.category AND
physician.mdnum=record.mdnum WHERE
                                             list.SubItems.Add(reader.GetString(10
record.datead LIKE '" +
                                             ) + " " +
ComboBox7.Text + "-" + month + "-
                                             reader.GetString(11).Substring(0, 1)
                                             + ". " + reader.GetString(12))
            ElseIf ComboBox7.Text <>
"" And ComboBox9.Text = "" And
                                             list.SubItems.Add(reader.GetString(13
ComboBox8.Text = "" Then
                                             ))
                query = "SELECT
record.casenum, record.hosind,
                                             list.SubItems.Add(reader.GetString(14
patient.fname, patient.mname,
patient.sname, patient.birthdate,
record.category, room.roomid,
                                             reader.IsDBNull(15) = True Then
room.roombed, record.diagnosis,
physician.fname, physician.mname,
                                             list.SubItems.Add("None")
physician.sname, record.datead,
                                                             ElseIf
record.timead, record.disposition,
                                             reader.IsDBNull(15) = False Then
record.datedc, record.timedc,
record.length FROM record JOIN
                                             list.SubItems.Add(disposition(reader.
patient ON
                                             GetInt32(15)))
record.hosind=patient.hosind JOIN
                                                             End If
physician ON
                                                             Ιf
physician.mdnum=record.mdnum JOIN
                                             reader.IsDBNull(16) = True Then
room ON record.roomno=room.roomno AND
physician.category=room.category AND
                                             list.SubItems.Add("None")
physician.mdnum=record.mdnum WHERE
                                                             ElseIf
record.datead LIKE '" +
                                             reader.IsDBNull(16) = False Then
ComboBox7.Text + "-__-';"
            End If
                                             list.SubItems.Add(reader.GetString(16
            command = New
                                             ))
SqlCommand(query, sqlcon)
                                                             End If
            reader =
                                                             Τf
                                             reader.IsDBNull(17) = True Then
command.ExecuteReader()
            While reader.Read()
                list = New
                                             list.SubItems.Add("None")
ListViewItem(reader.GetInt32(0))
                                                             ElseIf
                                             reader.IsDBNull(17) = False Then
list.SubItems.Add(reader.GetInt32(1))
                                             list.SubItems.Add(reader.GetString(17
list.SubItems.Add(reader.GetString(2)
                                             ))
+ " " +
                                                             End If
                                                             length =
reader.GetString(3).Substring(0, 1) +
". " + reader.GetString(4))
                                             DateTime.Now.Subtract(CDate(reader.Ge
                current =
                                             tString(13))).TotalDays
(DateTime.Now.Subtract(CDate(reader.G
etString(5))).TotalDays) / 365
                                             list.SubItems.Add(length)
```

		<pre>If e.Button =</pre>
ListView1.Items.Add	d(list)	Windows.Forms.MouseButtons.Left Then
End Whi	ile	isMouseDown = False
sqlcon.	.Close()	End If
height	=	End Sub
ListView1.Items.Cou	ınt	
If heig	ght > 20 Then	Private Sub Button1_Click(sender
Co1	lumnHeader3.Width =	As Object, e As EventArgs) Handles
142		Button1.Click
Co1	lumnHeader21.Width	Me.Close()
= 141		End Sub
ElseIf	height < 21 Then	
Co1	lumnHeader3.Width =	End Class
150		
Col	lumnHeader21.Width	
= 150		
End If		Register
Catch ex As	s SqlException	
		<pre>Imports System.Data.SqlClient</pre>
MessageBox.Show(ex.	.Message)	Public Class Register
End Try	3 /	
End Sub		Private Sub Button1_Click(sender
		As Object, e As EventArgs) Handles
Private isMouse	eDown As Boolean =	Button1.Click
False		Dim connection As String
Private mouseOf	ffset As Point	Dim sqlcon As SqlConnection
		Dim command As SqlCommand
Private Sub		Dim reader As SqlDataReader
Records_MouseDown(s	sender As Object, e	Dim result As DialogResult
As MouseEventArgs)		Dim query As String
MyBase.MouseDown		Dim gender As Integer
If e.Buttor	1 =	Dim category As Integer
Windows.Forms.Mouse	Buttons.Left Then	Dim mstatus As Integer
	ffset = New Point(-	Dim month As String
e.X, -e.Y)	`	Dim days As String
•	eDown = True	connection = "Data
End If		Source=BERMUNDO-PC; Initial
End Sub		Catalog=SystemDB; Integrated
		Security=True"
Private Sub		sqlcon = New
Records_MouseMove(s	sender As Obiect, e	SqlConnection(connection)
As MouseEventArgs)		Try
MyBase.MouseMove		sqlcon.Open()
If isMouseD	Down Then	<pre>If RadioButton1.Checked()</pre>
	usePos As Point =	Then
Control.MousePositi		gender = 1
		ElseIf
mousePos.Offset(mou	useOffset.X.	RadioButton2.Checked() Then
mouseOffset.Y)	,	gender = 0
•	ation = mousePos	End If
Fnd Tf		<pre>If RadioButton5.Checked()</pre>
End Sub		Then
546		mstatus = 2
Private Sub		ElseIf
Records_MouseUp(ser	nder As Object. e	RadioButton6.Checked() Then
As MouseEventArgs)		mstatus = 1
MyBase.MouseUp		ElseIf
,		RadioButton7.Checked() Then
		**

```
mstatus = 0
                                                "Register Confirmation",
            End If
                                                MessageBoxButtons.YesNo,
            Ιf
                                                MessageBoxIcon.Question)
ComboBox1.SelectedIndex < 9 Then
                                                             Select Case result
                 month = "0" +
                                                                 Case DialogResult.Yes
                                                                     command = New
CStr(ComboBox1.SelectedIndex + 1)
            ElseIf
                                                SqlCommand(query, sqlcon)
ComboBox1.SelectedIndex > 8 Then
                                                                     reader =
                 month =
                                                command.ExecuteReader()
CStr(ComboBox1.SelectedIndex + 1)
                                                                     sqlcon.Close()
            End If
            Ιf
                                                MessageBox.Show("New account has been
ComboBox2.SelectedIndex < 9 Then
                                                created. The default password is
                 days = "0" +
                                                12345. Change the password
ComboBox2.Text
                                                immediately for account security.",
                                                "Register Message",
            ElseIf
ComboBox2.SelectedIndex > 8 Then
                                                MessageBoxButtons.OK,
                 days = ComboBox2.Text
                                                MessageBoxIcon.Information)
            End If
                                                                     Me.Close()
            Ιf
                                                             End Select
ComboBox4.SelectedIndex = 0 Then
                                                        Catch ex As SqlException
                 query = "INSERT INTO
accounts (empno, fname, mname, sname,
                                                MessageBox.Show(ex.Message)
birthdate, gender, mstatus, position,
                                                        End Try
username, password) VALUES ('" +
                                                    End Sub
Label2.Text + "', '" + TextBox1.Text
+ "', '" + TextBox2.Text + "', '" +
                                                    Private Sub
                                                ComboBox4_SelectedIndexChanged(sender
TextBox3.Text + "', '" +
ComboBox3.Text + "-" + month + "-" +
                                                As Object, e As EventArgs) Handles
days + "', '" + gender.ToString + "
                                                ComboBox4.SelectedIndexChanged
'" + mstatus.ToString + "', '" +
                                                        Dim connection As String
ComboBox5.Text + "', '" + TextBox5.Text + "', '" +
                                                        Dim sqlcon As SqlConnection
                                                        Dim command As SqlCommand
TextBox6.Text + "');"
                                                        Dim reader As SqlDataReader
                                                        Dim query As String
            ElseIf
ComboBox4.SelectedIndex <> 0 Then
                                                        Dim current As Integer
                 category =
                                                        Dim category As Integer
                                                        connection = "Data
ComboBox4.SelectedIndex + 1
                 query = "INSERT INTO
                                                Source=BERMUNDO-PC; Initial
accounts (empno, fname, mname, sname,
                                                Catalog=SystemDB; Integrated
birthdate, gender, mstatus, category,
                                                Security=True"
position, username, password) VALUES
                                                        sqlcon = New
('" + Label2.Text + "', '" +
                                                SqlConnection(connection)
TextBox1.Text + "', '" + TextBox2.Text + "', '" + TextBox3.Text + "', '" +
                                                        Try
                                                             sqlcon.Open()
                                                             category =
ComboBox3.Text + "-" + month + "-" +
                                                ComboBox4.SelectedIndex - 1
days + "', '" + gender.ToString + "
                                                             query = "SELECT
'" + mstatus.ToString + "', '" + category.ToString + "', '" + ComboBox5.Text + "', '" +
                                                MAX(empno) AS HighestValue FROM
                                                accounts WHERE category='" +
                                                category.ToString + "';"
TextBox5.Text + "', '" +
                                                             If category = -1 Then
TextBox6.Text + "');"
                                                                 query = "SELECT
            End If
                                                MAX(empno) AS HighestValue FROM
                                                accounts WHERE category IS NULL;"
MessageBox.Show("Are the informations
                                                             End If
above correct? Do you want this
                                                             command = New
account information to be saved?",
                                                SqlCommand(query, sqlcon)
```

reader =	ElseIf
<pre>command.ExecuteReader()</pre>	ComboBox4.SelectedIndex > 8 Then
While reader.Read()	rptparam =
current =	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
reader.GetInt32(0)	End If
End While	parameter =
current = current + 1	ComboBox1.Text.Substring(2, 2) +
Label2.Text = current	rptparam + "00000"
Catch ex As SqlException	Case 2 : If
catch the As sqienception	ComboBox4.SelectedIndex < 9 Then
MassagaPay Shou(ay Massaga)	rptparam = "0" +
MessageBox.Show(ex.Message)	CStr(ComboBox4.SelectedIndex + 1)
End Try	•
End Sub	ElseIf
	ComboBox4.SelectedIndex > 8 Then
Private Sub Button2_Click(sender	rptparam =
As Object, e As EventArgs) Handles	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
Button2.Click	End If
Me.Close()	parameter =
End Sub	ComboBox1.Text + rptparam + "0"
End Class	Case 4 : parameter =
	TextBox7.Text
REPORTS	Case 5 : If
KEFOKIS	ComboBox4.SelectedIndex < 9 Then
Dublic Class Demonts	rptparam = "0" +
Public Class Reports	
	CStr(ComboBox4.SelectedIndex + 1)
Private Sub Button1_Click(sender	ElseIf
As Object, e As EventArgs) Handles	ComboBox4.SelectedIndex > 8 Then
Button1.Click	rptparam =
Dim rptparam As String	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
<pre>Dim datead() As String = {"",</pre>	End If
""}	parameter =
Select Case	<pre>ComboBox1.Text.Substring(2, 2) +</pre>
ComboBox3.SelectedIndex	rptparam + "00000"
Case 0 : If Now.Month <	Case 6 : If
10 Then	ComboBox4.SelectedIndex < 9 Then
datead(0) = "0" +	rptparam = "0" +
• •	CStr(ComboBox4.SelectedIndex + 1)
Now.Month.ToString	ElseIf
ElseIf Now.Month > 9	ComboBox4.SelectedIndex > 8 Then
Then	
<pre>datead(0) =</pre>	rptparam =
Now.Month.ToString	CStr(ComboBox4.SelectedIndex + 1)
End If	End If
If Now.Day < 10 Then	parameter =
datead(1) = "0" +	ComboBox1.Text.Substring(2, 2) +
Now.Day.ToString	rptparam + "00000"
ElseIf Now.Day > 9	Case 7 : If
Then	ComboBox4.SelectedIndex < 9 Then
<pre>datead(1) =</pre>	rptparam = "0" +
Now.Day.ToString	CStr(ComboBox4.SelectedIndex + 1)
End If	ElseIf
	ComboBox4.SelectedIndex > 8 Then
parameter =	
Year(Now).ToString + "-" + datead(0)	rptparam = (Cstn(ComboPox4 SolostodIndox L 1)
+ "-" + datead(1)	CStr(ComboBox4.SelectedIndex + 1)
Case 1 : If	End If
ComboBox4.SelectedIndex < 9 Then	parameter =
rptparam = "0" +	ComboBox1.Text.Substring(2, 2) +
<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>	rptparam + "00000"

Case 8 : If	parameter =
ComboBox4.SelectedIndex < 9 Then	ComboBox1.Text.Substring(2, 2) +
rptparam = "0" +	rptparam + "00000"
CStr(ComboBox4.SelectedIndex + 1) ElseIf	Case 13 : If ComboBox4.SelectedIndex < 9 Then
ComboBox4.SelectedIndex > 8 Then	rptparam = "0" +
rptparam =	CStr(ComboBox4.SelectedIndex + 1)
CStr(ComboBox4.SelectedIndex + 1)	ElseIf
End If	ComboBox4.SelectedIndex > 8 Then
parameter =	rptparam =
ComboBox1.Text.Substring(2, 2) +	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
rptparam + "00000"	` End If
Case 9 : If	parameter =
ComboBox4.SelectedIndex < 9 Then	<pre>ComboBox1.Text.Substring(2, 2) +</pre>
rptparam = "0" +	rptparam + "00000"
<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>	Case 14 : If
ElseIf	ComboBox4.SelectedIndex < 9 Then
ComboBox4.SelectedIndex > 8 Then	rptparam = "0" +
rptparam =	CStr(ComboBox4.SelectedIndex + 1)
CStr(ComboBox4.SelectedIndex + 1) End If	<pre>ElseIf ComboBox4.SelectedIndex > 8 Then</pre>
parameter =	rptparam =
ComboBox1.Text.Substring(2, 2) +	CStr(ComboBox4.SelectedIndex + 1)
rptparam + "00000"	End If
Case 10 : If	parameter =
ComboBox4.SelectedIndex < 9 Then	ComboBox1.Text.Substring(2, 2) +
rptparam = "0" +	rptparam + "00000"
<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>	Case 15 : If
ElseIf	ComboBox4.SelectedIndex < 9 Then
ComboBox4.SelectedIndex > 8 Then	rptparam = "0" +
rptparam =	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
CStr(ComboBox4.SelectedIndex + 1)	ElseIf
End If	ComboBox4.SelectedIndex > 8 Then
parameter =	rptparam =
ComboBox1.Text.Substring(2, 2) + rptparam + "00000"	CStr(ComboBox4.SelectedIndex + 1) End If
Case 11 : If	parameter =
ComboBox4.SelectedIndex < 9 Then	ComboBox1.Text.Substring(2, 2) +
rptparam = "0" +	rptparam + "00000"
<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>	Case 16 : If
ElseIf	ComboBox4.SelectedIndex < 9 Then
ComboBox4.SelectedIndex > 8 Then	rptparam = "0" +
rptparam =	<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>
<pre>CStr(ComboBox4.SelectedIndex + 1)</pre>	ElseIf
End If	ComboBox4.SelectedIndex > 8 Then
parameter =	rptparam =
ComboBox1.Text.Substring(2, 2) +	CStr(ComboBox4.SelectedIndex + 1)
rptparam + "00000"	End If
Case 12 : If ComboBox4.SelectedIndex < 9 Then	<pre>parameter = ComboBox1.Text.Substring(2, 2) +</pre>
rptparam = "0" +	rptparam + "00000"
CStr(ComboBox4.SelectedIndex + 1)	End Select
ElseIf	reportcat =
ComboBox4.SelectedIndex > 8 Then	ComboBox3.SelectedIndex
rptparam =	<pre>Me.SendToBack()</pre>
CStr(ComboBox4.SelectedIndex + 1)	Preview.Show()
` End If	End Sub

Private isMouseDown As Boolean =	ComboBox1.DropDownStyle =
False	ComboBoxStyle.DropDown
Private mouseOffset As Point	ComboBox4.Enabled = False
	ComboBox1.Enabled = False
Private Sub	TextBox7.Enabled = True
Index_MouseDown(sender As Object, e	ElseIf
As MouseEventArgs) Handles	ComboBox3.SelectedIndex <> 0 Or
MyBase.MouseDown	ComboBox3.SelectedIndex <> 3 And
If e.Button =	ComboBox3.SelectedIndex <> 4 Then
Windows.Forms.MouseButtons.Left Then	ComboBox4.DropDownStyle =
mouseOffset = New Point(-	ComboBoxStyle.DropDownList
e.X, -e.Y)	ComboBox1.DropDownStyle =
isMouseDown = True	ComboBoxStyle.DropDownList
End If	ComboBox4.Enabled = True ComboBox1.Enabled = True
End Sub	
Deivata Cub	TextBox7.Enabled = False
Private Sub	End If End Sub
Index_MouseMove(sender As Object, e	Enu Sub
As MouseEventArgs) Handles MyBase.MouseMove	Private Sub Button? Click/condon
If isMouseDown Then	Private Sub Button2_Click(sender As Object, e As EventArgs) Handles
Dim mousePos As Point =	Button2.Click
Control.MousePosition	Me.Close()
CONTROL MOUSEPOSITION	End Sub
<pre>mousePos.Offset(mouseOffset.X,</pre>	Liid Sub
mouseOffset.Y)	Private Sub Reports_Load(sender
Me.Location = mousePos	As Object, e As EventArgs) Handles
End If	MyBase.Load
End Sub	ComboBox4.DropDownStyle =
Elia Sab	ComboBoxStyle.DropDown
Private Sub Index_MouseUp(sender	ComboBox1.DropDownStyle =
As Object, e As MouseEventArgs)	ComboBoxStyle.DropDown
Handles MyBase.MouseUp	End Sub
If e.Button =	2.114 345
Windows.Forms.MouseButtons.Left Then	Private Sub
isMouseDown = False	TextBox7_KeyDown(sender As Object, e
End If	As KeyEventArgs) Handles
End Sub	TextBox7.KeyDown
	<pre>If e.KeyCode = Keys.Enter</pre>
Private Sub	Then
ComboBox3_SelectedIndexChanged(sender	<pre>Button1.PerformClick()</pre>
As Object, e As EventArgs) Handles	End If
ComboBox3.SelectedIndexChanged	End Sub
TextBox7.Clear()	
<pre>If ComboBox3.SelectedIndex =</pre>	End Class
<pre>0 Or ComboBox3.SelectedIndex = 3 Then</pre>	
<pre>ComboBox4.DropDownStyle =</pre>	RETRIEVE
ComboBoxStyle.DropDown	
ComboBox1.DropDownStyle =	<pre>Imports System.Data.SqlClient</pre>
ComboBoxStyle.DropDown	Public Class Retrieve
<pre>ComboBox4.Enabled = False</pre>	
<pre>ComboBox1.Enabled = False</pre>	Public gndtmp As Integer
<pre>TextBox7.Enabled = False</pre>	Public mstemp As Integer
ElseIf	• •
ComboBox3.SelectedIndex = 4 Then	Private Sub Button2_Click(sender
ComboBox4.DropDownStyle =	As Object, e As EventArgs) Handles
ComboBoxStyle.DropDown	Button2.Click
	<pre>ListView1.Items.Clear()</pre>

Dim connection As String Dim sqlcon As SqlConnection Dim command As SqlCommand	<pre>reader.GetString(2).Substring(0, 1) + ". " + reader.GetString(3))</pre>
Dim reader As SqlDataReader Dim query As String Dim month As String	<pre>list.SubItems.Add(category(reader.Get Int32(4)))</pre>
Dim days As String Dim height As Integer Dim list As ListViewItem	<pre>list.SubItems.Add(reader.GetString(5))</pre>
connection = "Data	ListView1.Items.Add(list)
Source=BERMUNDO-PC; Initial	End While
Catalog=SystemDB;Integrated	<pre>sqlcon.Close()</pre>
Security=True"	height =
<pre>sqlcon = New SqlConnection(connection)</pre>	ListView1.Items.Count
SqlConnection(connection) Try	If height > 5 Then ColumnHeader2.Width =
sqlcon.Open()	142
If	ColumnHeader3.Width =
ComboBox9.SelectedIndex < 9 Then	75
month = "0" +	ColumnHeader4.Width =
<pre>CStr(ComboBox9.SelectedIndex + 1)</pre>	74
ElseIf	ElseIf height < 6 Then
ComboBox9.SelectedIndex > 8 Then month =	ColumnHeader2.Width =
CStr(ComboBox9.SelectedIndex + 1)	150 ColumnHeader3.Width =
End If	80
If	ColumnHeader4.Width =
ComboBox8.SelectedIndex < 9 Then	78
days = "0" +	End If
ComboBox8.Text	Catch ex As SqlException
ElseIf	
ComboBox8.SelectedIndex > 8 Then	MessageBox.Show(ex.Message)
days = ComboBox8.Text End If	End Try End Sub
query = "SELECT	Liid Sub
patient.hosind, patient.fname,	Private Sub
patient.mname, patient.sname,	ListView1_Click(sender As Object, e
record.category, record.diagnosis FROM patient JOIN record ON	As EventArgs) Handles ListView1.Click Dim connection As String
patient.hosind=record.hosind AND	Dim sqlcon As SqlConnection
record.datead=patient.lastad WHERE	Dim command As SqlCommand
patient.fname LIKE '" + TextBox8.Text	Dim reader As SqlDataReader
+ "%' AND patient.mname LIKE '" +	Dim query As String
TextBox7.Text + "%' AND patient.sname LIKE '" + TextBox6.Text + "%' AND	<pre>connection = "Data Source=BERMUNDO-PC;Initial</pre>
patient.birthdate LIKE '" +	Catalog=SystemDB;Integrated
ComboBox7.Text + "-" + month + "-" +	Security=True"
days + "';"	sqlcon = New
command = New	SqlConnection(connection)
SqlCommand(query, sqlcon)	Try
reader =	<pre>If RadioButton1.Checked =</pre>
command.ExecuteReader()	True Then
While reader.Read()	gndtmp = 0 ElseIf
<pre>list = New ListViewItem(reader.GetInt32(0))</pre>	RadioButton2.Checked = True Then
LISCVIEWICEIII(I Eddel .OECIIICSZ(0))	gndtmp = 1
<pre>list.SubItems.Add(reader.GetString(1) + " " +</pre>	End If

```
If RadioButton7.Checked =
                                                              ElseIf
True Then
                                              reader.GetBoolean(5) = True Then
                mstemp = 0
            ElseIf
                                              RadioButton1.PerformClick()
RadioButton6.Checked = True Then
                                                              End If
                                                              TextBox4.Text =
                mstemp = 1
            ElseIf
                                              reader.GetString(6)
RadioButton5.Checked = True Then
                                                              If reader.GetInt32(7)
                mstemp = 2
                                              = 0 Then
            End If
                                              RadioButton7.PerformClick()
            sqlcon.Open()
            query = "SELECT * FROM
                                                              ElseIf
patient WHERE patient.hosind='" +
                                              reader.GetInt32(7) = 1 Then
ListView1.SelectedItems(0).ToString.S
ubstring(15, 10) + "';"
                                              RadioButton6.PerformClick()
            command = New
                                                              ElseIf
SqlCommand(query, sqlcon)
                                              reader.GetInt32(7) = 2 Then
            reader =
command.ExecuteReader()
                                              RadioButton5.PerformClick()
            While reader.Read()
                                                              End If
                                                              TextBox5.Text =
                Label2.Text =
reader.GetInt32(0)
                                              reader.GetString(8)
                TextBox1.Text =
                                                              Ιf
reader.GetString(1)
                                              reader.GetString(9).Substring(5, 1) =
                TextBox2.Text =
                                              "0" Then
reader.GetString(2)
                                                                  ComboBox6.Text =
                TextBox3.Text =
                                              months(CInt(reader.GetString(9).Subst
reader.GetString(3)
                                              ring(6, 1)) - 1)
                Ιf
                                                              ElseIf
reader.GetString(4).Substring(5, 1) =
                                              reader.GetString(9).Substring(5, 1)
"0" Then
                                              <> "0" Then
                    ComboBox5.Text =
                                                                  ComboBox6.Text =
months(CInt(reader.GetString(4).Subst
                                              months(CInt(reader.GetString(9).Subst
ring(6, 1)) - 1)
                                              ring(5, 2)) - 1)
                                                              End If
                ElseIf
reader.GetString(4).Substring(5, 1)
                                                              Ιf
<> "0" Then
                                              reader.GetString(9).Substring(8, 1) =
                    ComboBox5.Text =
                                              "0" Then
months(CInt(reader.GetString(4).Subst
                                                                  ComboBox4.Text =
                                              reader.GetString(9).Substring(9, 1)
ring(5, 2)) - 1)
                End If
                                                              ElseIf
                If
                                              reader.GetString(9).Substring(8, 1)
reader.GetString(4).Substring(8, 1) =
                                              <> "0" Then
"0" Then
                                                                  ComboBox4.Text =
                    ComboBox2.Text =
                                              reader.GetString(9).Substring(8, 2)
reader.GetString(4).Substring(9, 1)
                                                              End If
                ElseIf
                                                              ComboBox3.Text =
reader.GetString(4).Substring(8, 1)
                                              reader.GetString(4).Substring(0, 4)
<> "0" Then
                                                          End While
                    ComboBox2.Text =
                                                          sqlcon.Close()
reader.GetString(4).Substring(8, 2)
                                                      Catch ex As SqlException
                End If
                ComboBox1.Text =
                                             MessageBox.Show(ex.Message)
reader.GetString(4).Substring(0, 4)
                                                      End Try
                Ιf
                                                  End Sub
reader.GetBoolean(5) = False Then
                                                  Private isMouseDown As Boolean =
RadioButton2.PerformClick()
                                              False
```

Private mouseOffset As Point	If gndtmp <> 1 Then
Private Sub	RadioButton1.PerformClick()
Retrieve_MouseDown(sender As Object,	End If
e As MouseEventArgs) Handles	End Sub
MyBase.MouseDown	Lina Sas
If e.Button =	Private Sub
Windows.Forms.MouseButtons.Left Then	RadioButton7_CheckedChanged(sender As
mouseOffset = New Point(-	Object, e As EventArgs) Handles
e.X, -e.Y)	RadioButton7.CheckedChanged
isMouseDown = True	If mstemp <> 0 And mstemp <>
End If	2 Then
End Sub	
	RadioButton6.PerformClick()
Private Sub	ElseIf mstemp <> 0 And mstemp
Retrieve_MouseMove(sender As Object,	<> 1 Then
e As MouseEventArgs) Handles	
MyBase.MouseMove	<pre>RadioButton5.PerformClick()</pre>
If isMouseDown Then	End If
Dim mousePos As Point =	End Sub
Control.MousePosition	
	Private Sub
<pre>mousePos.Offset(mouseOffset.X,</pre>	RadioButton6_CheckedChanged(sender As
mouseOffset.Y)	Object, e As EventArgs) Handles
Me.Location = mousePos	RadioButton6.CheckedChanged
End If	If mstemp <> 1 And mstemp <>
	2 Then
End Sub	2 Then
Drivata Cub	DadiaDutton7 DanfanmClisk()
Private Sub	RadioButton7.PerformClick()
Retrieve_MouseUp(sender As Object, e	ElseIf mstemp <> 1 And mstemp
As MouseEventArgs) Handles	<> 0 Then
MyBase.MouseUp	
<pre>If e.Button =</pre>	RadioButton5.PerformClick()
Windows.Forms.MouseButtons.Left Then	End If
isMouseDown = False	End Sub
End If	
End Sub	Private Sub
	RadioButton5_CheckedChanged(sender As
Private Sub Button1_Click(sender	Object, e As EventArgs) Handles
As Object, e As EventArgs) Handles	RadioButton5.CheckedChanged
Button1.Click	<pre>If mstemp <> 2 And mstemp <></pre>
Me.Close()	0 Then
End Sub	
	<pre>RadioButton6.PerformClick()</pre>
Private Sub	ElseIf mstemp <> 2 And mstemp
RadioButton1_CheckedChanged(sender As	<> 1 Then
Object, e As EventArgs) Handles	W =
RadioButton1.CheckedChanged	<pre>RadioButton7.PerformClick()</pre>
If gndtmp <> 0 Then	End If
II glideliib (> 0 Then	End Sub
PadioPutton2 Ponfonm(lick()	LIIU JUU
RadioButton2.PerformClick()	Fud Class
End If	End Class
End Sub	DOOMS
	ROOMS
Private Sub	
RadioButton2_CheckedChanged(sender As	<pre>Imports System.Data.SqlClient</pre>
Object, e As EventArgs) Handles	Public Class Rooms
RadioButton2.CheckedChanged	

Private Sub Rooms_Load(sender As	
Object, e As EventArgs) Handles	list.SubItems.Add("No")
MyBase.Load	End If
Dim connection As String	ElseIf
Dim sqlcon As SqlConnection	reader.GetInt32(3) <> 0 Then
Dim command As SqlCommand	
Dim reader As SqlDataReader	<pre>list.SubItems.Add(reader.GetString(4)</pre>
Dim index As Integer	+ " " +
Dim length As Integer	<pre>reader.GetString(5).Substring(0, 1) +</pre>
Dim query As String	". " + reader.GetString(6))
Dim height As Integer	length =
Dim list As ListViewItem	DateTime.Now.Subtract(CDate(reader.Ge
connection = "Data	tString(7))).TotalDays
Source=BERMUNDO-PC;Initial	list SubItams Add(langth)
Catalog=SystemDB;Integrated Security=True"	list.SubItems.Add(length)
sqlcon = New	list.SubItems.Add("No")
SqlConnection(connection)	End If
Try	Select Case
While index < 4	reader.GetInt32(0)
sqlcon.Open()	Case 0:
query = "SELECT	list.Group =
room.category, room.roomid,	ListView1.Groups("ListViewGroup1")
room.roombed, room.casenum,	Case 1 :
patient.fname, patient.mname,	list.Group =
patient.sname, record.datead,	ListView1.Groups("ListViewGroup2")
room.approve FROM room LEFT JOIN	Case 2 :
record ON room.casenum=record.casenum	list.Group =
LEFT JOIN patient ON patient.hosind =	<pre>ListView1.Groups("ListViewGroup3")</pre>
record.hosind WHERE room.category='"	Case 3:
+ index.ToString + "';"	list.Group =
command = New	ListView1.Groups("ListViewGroup4")
<pre>SqlCommand(query, sqlcon)</pre>	End Select
command.ExecuteReader()	ListView1.Items.Add(list)
While reader.Read()	End While
list = New	index = index + 1
ListViewItem(reader.GetString(1) + "-	sqlcon.Close()
" + reader.GetInt32(2).ToString)	height =
Ĭf	ListView1.Items.Count
<pre>reader.IsDBNull(3) = True Or</pre>	If height > 6 Then
reader.GetBoolean(8) = False Then	_
If	ColumnHeader1.Width = 82
reader.IsDBNull(3) = True Then	
	ColumnHeader3.Width = 46
<pre>list.SubItems.Add("None")</pre>	
	ColumnHeader13.Width = 62
<pre>list.SubItems.Add("None")</pre>	ElseIf height < 7
7.4	Then
list.SubItems.Add("Yes")	
ElseIf	ColumnHeader1.Width = 85
reader.IsDBNull(3) = False Then	
list.SubItems.Add("Admission	ColumnHeader3.Width = 50
Processed")	ColumnHeader13.Width = 72
110003364 /	End If
<pre>list.SubItems.Add("None")</pre>	End While
,	Catch ex As SqlException
	•

```
isMouseDown = True
                                                     End If
MessageBox.Show(ex.Message)
                                                 End Sub
        End Try
    End Sub
                                                 Private Sub
    Private Sub Button1 Click(sender
                                             Rooms MouseMove(sender As Object, e
As Object, e As EventArgs) Handles
                                             As MouseEventArgs) Handles
Button1.Click
                                             MyBase.MouseMove
                                                     If isMouseDown Then
        Me.Close()
        Admin.Show()
                                                         Dim mousePos As Point =
    End Sub
                                             Control.MousePosition
    Private Sub Button5 Click(sender
                                             mousePos.Offset(mouseOffset.X,
As Object, e As EventArgs) Handles
                                             mouseOffset.Y)
Button5.Click
                                                         Me.Location = mousePos
        Dim result As DialogResult
                                                     End If
        result =
                                                 End Sub
MessageBox.Show("Will you admit an
old patient of the hospital?",
                                                 Private Sub Rooms MouseUp(sender
"Patient Confirmation",
                                             As Object, e As MouseEventArgs)
MessageBoxButtons.YesNoCancel,
                                             Handles MyBase.MouseUp
MessageBoxIcon.Question)
                                                     If e.Button =
        Select Case result
                                             Windows.Forms.MouseButtons.Left Then
            Case DialogResult.Yes
                                                          isMouseDown = False
                Me.Close()
                                                     End If
                Index.Show()
                                                 End Sub
            Case DialogResult.No
                Me.Close()
                                                 Private Sub Button3_Click(sender
                Addition.Show()
                                             As Object, e As EventArgs) Handles
        End Select
                                             Button3.Click
    End Sub
                                                     Me.Close()
                                                 End Sub
    Private Sub Button2 Click(sender
As Object, e As EventArgs) Handles
                                             End Class
Button2.Click
        Me.Close()
                                             SEARCH
        Discharge.Show()
    End Sub
                                             Imports System.Data.SqlClient
                                             Public Class Search
    Private Sub Button7_Click(sender
As Object, e As EventArgs) Handles
                                                 Private Sub Button2 Click(sender
Button7.Click
                                             As Object, e As EventArgs) Handles
        Me.Close()
                                             Button2.Click
        Search.Show()
                                                     ListView1.Items.Clear()
    End Sub
                                                     Dim connection As String
                                                     Dim sqlcon As SqlConnection
    Private isMouseDown As Boolean =
                                                     Dim command As SqlCommand
False
                                                     Dim reader As SqlDataReader
    Private mouseOffset As Point
                                                     Dim index As Integer
                                                     Dim length As Integer
    Private Sub
                                                     Dim height As Integer
Rooms_MouseDown(sender As Object, e
                                                     Dim query As String
As MouseEventArgs) Handles
                                                     Dim list As ListViewItem
MyBase.MouseDown
                                                     connection = "Data
        If e.Button =
                                             Source=BERMUNDO-PC; Initial
Windows.Forms.MouseButtons.Left Then
                                             Catalog=SystemDB; Integrated
            mouseOffset = New Point(-
                                             Security=True"
e.X, -e.Y)
```

```
sqlcon = New
                                                              index = index + 1
SqlConnection(connection)
                                                              sqlcon.Close()
                                                             Height =
        Try
            While index < 4
                                             ListView1.Items.Count
                sqlcon.Open()
                                                             If height > 5 Then
                query = "SELECT
                                             ColumnHeader1.Width = 85
record.casenum, patient.fname,
patient.mname, patient.sname,
room.roomid, room.roombed,
                                             ColumnHeader2.Width = 152
record.datead FROM record JOIN
patient ON
                                             ColumnHeader3.Width = 86
                                                             ElseIf height < 6
record.hosind=patient.hosind JOIN
room ON record.casenum=room.casenum
                                             Then
JOIN physician ON
record.mdnum=physician.mdnum WHERE
                                             ColumnHeader1.Width = 90
patient.fname LIKE '" + TextBox6.Text
+ "%' AND patient.mname LIKE '" +
                                             ColumnHeader2.Width = 160
TextBox5.Text + "%' AND patient.sname
LIKE '" + TextBox1.Text + "%' AND
                                             ColumnHeader3.Width = 90
room.category='" + index.ToString +
                                                             Fnd Tf
                                                         End While
                                                     Catch ex As SqlException
                command = New
SqlCommand(query, sqlcon)
                reader =
                                             MessageBox.Show(ex.Message)
command.ExecuteReader()
                                                     End Try
                While reader.Read()
                                                 End Sub
                    list = New
ListViewItem(reader.GetInt32(0))
                                                 Private Sub
                                             ListView1_Click(sender As Object, e
list.SubItems.Add(reader.GetString(1)
                                             As EventArgs) Handles ListView1.Click
+ " " +
                                                     Dim connection As String
reader.GetString(2).Substring(0, 1) +
                                                     Dim sqlcon As SqlConnection
". " + reader.GetString(3))
                                                     Dim command As SqlCommand
                    Select Case index
                                                     Dim reader As SqlDataReader
                                                     Dim query As String
                        Case 0:
list.Group =
                                                     Dim weeks As Integer
ListView1.Groups("ListViewGroup1")
                                                     Dim days As Integer
                        Case 1:
                                                     connection = "Data
                                             Source=BERMUNDO-PC; Initial
list.Group =
ListView1.Groups("ListViewGroup2")
                                             Catalog=SystemDB; Integrated
                        Case 2:
                                             Security=True"
list.Group =
                                                     sqlcon = New
ListView1.Groups("ListViewGroup3")
                                             SqlConnection(connection)
                        Case 3:
                                                     Try
list.Group =
                                                         sqlcon.Open()
                                                         query = "SELECT
ListView1.Groups("ListViewGroup4")
                    End Select
                                             record.casenum, patient.fname,
                                             patient.mname, patient.sname,
list.SubItems.Add(reader.GetString(4)
                                             record.category, room.roomid,
+ "-" + reader.GetInt32(5).ToString)
                                             room.roombed, record.diagnosis,
                    length =
                                             physician.fname, physician.mname,
DateTime.Now.Subtract(CDate(reader.Ge
                                             physician.sname, record.datead FROM
tString(6))).TotalDays
                                             record JOIN patient ON
                                             record.hosind=patient.hosind JOIN
list.SubItems.Add(length)
                                             room ON record.casenum=room.casenum
                                             JOIN physician ON
ListView1.Items.Add(list)
                                             record.mdnum=physician.mdnum WHERE
                                             record.casenum='" +
                End While
```

ListView1.SelectedItems(0).ToString.S	isMouseDown = True
ubstring(15, 9) + "';"	End If
command = New	End Sub
SqlCommand(query, sqlcon)	
reader =	Private Sub
command.ExecuteReader()	Search_MouseMove(sender As Object, e
While reader.Read()	As MouseEventArgs) Handles
Label17.Text =	MyBase.MouseMove
	If isMouseDown Then
reader.GetInt32(0)	Dim mousePos As Point =
TextBox2.Text =	
reader.GetString(1)	Control.MousePosition
TextBox4.Text =	2 255 1/ 255 1 4
reader.GetString(2)	<pre>mousePos.Offset(mouseOffset.X,</pre>
TextBox7.Text =	mouseOffset.Y)
<pre>reader.GetString(3)</pre>	Me.Location = $mousePos$
	End If
ComboBox1.SelectedIndex =	End Sub
reader.GetInt32(4)	
ComboBox2.Text =	Private Sub Search_MouseUp(sender
reader.GetString(5) + "-" +	As Object, e As MouseEventArgs)
reader.GetInt32(6).ToString	Handles MyBase.MouseUp
TextBox3.Text =	If e.Button =
reader.GetString(7)	Windows.Forms.MouseButtons.Left Then
ComboBox6.Text =	isMouseDown = False
	End If
reader.GetString(8) + " " +	
reader.GetString(9).Substring(0, 1) +	End Sub
". " + reader.GetString(10)	
days =	Private Sub Button1_Click(sender
DateTime.Now.Subtract(CDate(reader.Ge	As Object, e As EventArgs) Handles
tString(11))).TotalDays	Button1.Click
weeks = days ∖ 7	Me.Close()
days = days Mod 7	End Sub
<pre>TextBox9.Text = weeks</pre>	
TextBox8.Text = days	End Class
ComboBox3.SelectedIndex = 1	
ComboBox4.SelectedIndex = 0	SPLASH SCREEN
End While	SI LASIT SCREEN
	Public NotInheritable Class
sqlcon.Close()	SplashScreen
Catch ex As SqlException	эртазизстеен
	LTODO. This form can easily be
MessageBox.Show(ex.Message)	'TODO: This form can easily be
End Try	set as the splash screen for the
End Sub	application by going to the
	"Application" tab
Private isMouseDown As Boolean =	' of the Project Designer
False	("Properties" under the "Project"
Private mouseOffset As Point	menu).
Private Sub	
Search_MouseDown(sender As Object, e	Private Sub
As MouseEventArgs) Handles	SplashScreen_Load(ByVal sender As
MyBase.MouseDown	Object, ByVal e As System.EventArgs)
<pre>If e.Button =</pre>	Handles Me.Load
Windows.Forms.MouseButtons.Left Then	'Set up the dialog text at
<pre>mouseOffset = New Point(-</pre>	runtime according to the
e.X, -e.Y)	application's assembly information.
	-

Private Sub Timer1_Tick(sender As 'TODO: Customize the Object, e As EventArgs) Handles application's assembly information in Timer1.Tick the "Application" pane of the project Login.Show() properties dialog (under Me.Close() the "Project" menu). End Sub End Class 'Application title If My.Application.Info.Title <> "" Then ApplicationTitle.Text = My.Application.Info.Title SUBMISSION Else 'If the application title is missing, use the application name, Imports System.Data.SqlClient Public Class Submission without the extension ApplicationTitle.Text = Dim NotifyIcon1 As Object System.IO.Path.GetFileNameWithoutExte nsion(My.Application.Info.AssemblyNam Private Sub e) Submission Load(sender As Object, e End If As EventArgs) Handles MyBase.Load Dim connection As String 'Format the version Dim sqlcon As SqlConnection information using the text set into Dim command As SqlCommand the Version control at design time as Dim reader As SqlDataReader Dim query As String ' formatting string. This Dim height As Integer allows for effective localization if Dim list As ListViewItem desired. connection = "Data Build and revision Source=BERMUNDO-PC; Initial information could be included by using the following code and changing Catalog=SystemDB;Integrated Security=True" Version control's salcon = New SqlConnection(connection) designtime text to "Version $\{0\}.\{1:00\}.\{2\}.\{3\}$ " or something Try sqlcon.Open() similar. See query = "SELECT String.Format() in Help room.casenum, patient.hosind, for more information. patient.fname, patient.mname, patient.sname, room.roomid, Version.Text = room.roombed FROM room JOIN record ON System.String.Format(Version.Text, record.casenum=room.casenum JOIN My.Application.Info.Version.Major, patient ON My.Application.Info.Version.Minor, record.hosind=patient.hosind WHERE My.Application.Info.Version.Build, room.casenum IS NOT NULL AND My.Application.Info.Version.Revision) room.approve='True' and room.category='" + account.ToString + Version.Text = "';" System.String.Format(Version.Text, My.Application.Info.Version.Major, command = NewMy.Application.Info.Version.Minor) SqlCommand(query, sqlcon) reader = 'Copyright info command.ExecuteReader() While reader.Read() Copyright.Text = list = New My.Application.Info.Copyright ListViewItem(reader.GetInt32(0)) Timer1.Start() End Sub list.SubItems.Add(reader.GetInt32(1))

```
While reader.Read()
list.SubItems.Add(reader.GetString(2)
                                                              Label17.Text =
                                              reader.GetInt32(0)
reader.GetString(3).Substring(0, 1) +
". " + reader.GetString(4))
                                              ComboBox1.SelectedIndex =
                                              reader.GetInt32(1)
list.SubItems.Add(reader.GetString(5)
                                                              ComboBox2.Text =
                                              reader.GetString(2) + "-" +
+ "-" + reader.GetInt32(6).ToString)
                                              reader.GetInt32(3).ToString
ListView1.Items.Add(list)
                                                              TextBox3.Text =
            End While
                                              reader.GetString(4)
                                                              ComboBox6.Text =
            sqlcon.Close()
                                              reader.GetString(5) + " " +
            height =
                                              reader.GetString(6).Substring(0, 1) +
ListView1.Items.Count
            If height > 17 Then
                                              ". " + reader.GetString(7)
                                                              TextBox2.Text =
                ColumnHeader3.Width =
133
                                              reader.GetString(8)
            End If
                                                              TextBox4.Text =
        Catch ex As SqlException
                                              reader.GetString(9)
                                                          End While
MessageBox.Show(ex.Message)
                                                          sqlcon.Close()
        End Try
                                                      Catch ex As SqlException
    End Sub
                                             MessageBox.Show(ex.Message)
    Private Sub
                                                      End Try
ListView1 Click(sender As Object, e
                                                  End Sub
As EventArgs) Handles ListView1.Click
        Dim connection As String
                                                  Private Sub Button1 Click(sender
        Dim sqlcon As SqlConnection
                                              As Object, e As EventArgs) Handles
        Dim command As SqlCommand
                                              Button1.Click
        Dim reader As SqlDataReader
                                                      Dim connection As String
        Dim query As String
                                                      Dim sqlcon As SqlConnection
        Dim category As Integer
                                                      Dim command As SqlCommand
        connection = "Data
                                                      Dim reader As SqlDataReader
Source=BERMUNDO-PC; Initial
                                                      Dim query As String
Catalog=SystemDB; Integrated
                                                      Dim length As Integer
Security=True"
                                                      Dim datedc() As String = {"",
        sqlcon = New
                                                      Dim timedc() As String = {"",
SqlConnection(connection)
                                              ....
        Try
            sqlcon.Open()
                                                      Dim category As Integer
                                                      Dim roomnum As Integer
            query = "SELECT
record.casenum, record.category,
                                                      connection = "Data
                                              Source=BERMUNDO-PC; Initial
room.roomid, room.roombed,
record.diagnosis, physician.fname,
                                              Catalog=SystemDB; Integrated
physician.mname, physician.sname,
                                              Security=True"
record.datead, record.timead FROM
                                                      sqlcon = New
room JOIN record ON
                                              SqlConnection(connection)
record.casenum=room.casenum JOIN
                                                      Try
physician ON
                                                          datedc(0) =
physician.mdnum=record.mdnum WHERE
                                              Now.Year.ToString
record.casenum='" +
                                                          If Now.Month < 10 Then
ListView1.SelectedItems(0).ToString.S
                                                              datedc(1) = "0" +
ubstring(15, 9) + "';"
                                              Now.Month.ToString
            command = New
                                                          ElseIf Now.Month > 9 Then
SqlCommand(query, sqlcon)
                                                              datedc(1) =
                                             Now.Month.ToString
            reader =
command.ExecuteReader()
                                                          End If
```

```
"', record.status='False' WHERE
            If Now.Day < 10 Then
                                              record.casenum='" +
                datedc(2) = "0" +
Now.Day.ToString
                                              ListView1.SelectedItems(0).ToString.S
            ElseIf Now.Day > 9 Then
                                              ubstring(15, 9) + "';"
                datedc(2) =
                                                          command = New
                                              SqlCommand(query, sqlcon)
Now.Day.ToString
            End If
                                                          reader =
            If Now.Hour < 10 Then
                                              command.ExecuteReader()
                timedc(0) = "0" +
                                                          sqlcon.Close()
Now.Hour.ToString
                                                          sqlcon.Open()
                                                          query = "UPDATE room SET
            ElseIf Now.Hour > 9 Then
                                              room.approve='False' where
                timedc(0) =
                                              room.category='" + category.ToString
Now.Hour.ToString
            End If
                                              + "' AND room.roomno='" +
                                              roomnum.ToString + "';"
            If Now.Minute < 10 Then
                timedc(1) = "0" +
                                                          command = New
                                              SqlCommand(query, sqlcon)
Now.Minute.ToString
            ElseIf Now.Minute > 9
                                                          reader =
Then
                                              command.ExecuteReader()
                timedc(1) =
                                                          sqlcon.Close()
Now.Minute.ToString
                                                          MessageBox.Show("New
            End If
                                              patient has been added to queue.
            If Now.Second < 10 Then</pre>
                                              Please wait until the Admitting Clerk
                timedc(2) = "0" +
                                              approve the request.", "Submission
Now.Second.ToString
                                              Status", MessageBoxButtons.OK,
            ElseIf Now.Second > 9
                                              MessageBoxIcon.Information)
Then
                timedc(2) =
                                              ListView1.Items.Remove(ListView1.Sele
Now.Second.ToString
                                              ctedItems(0))
            End If
                                                          NotifyIcon1 =
            sqlcon.Open()
                                              Ward.NotifyIcon1
            query = "SELECT
record.datead, room.category,
                                              NotifyIcon1.BalloonTipIcon =
room.roomno FROM record JOIN room ON
                                              ToolTipIcon.Info
room.casenum=record.casenum WHERE
record.casenum='" + Label17.Text +
                                              NotifyIcon1.BalloonTipText = "New
                                              patient has been released."
            command = New
                                              NotifyIcon1.BalloonTipTitle =
SqlCommand(query, sqlcon)
                                              "Patient Released"
            reader =
command.ExecuteReader()
            While reader.Read()
                                              NotifyIcon1.ShowBalloonTip(3000)
                                                      Catch ex As SqlException
                length =
DateTime.Now.Subtract(CDate(reader.Ge
tString(0))).TotalDays
                                              MessageBox.Show(ex.Message)
                category =
                                                      End Try
reader.GetInt32(1)
                                                  End Sub
                roomnum =
reader.GetInt32(2)
                                                  Private isMouseDown As Boolean =
            End While
                                              False
                                                  Private mouseOffset As Point
            sqlcon.Close()
            sqlcon.Open()
            query = "UPDATE record
                                                  Private Sub
SET record.datedc='" + datedc(0) + "-
                                              Submission MouseDown(sender As
" + datedc(1) + "-" + datedc(2) + "',
                                              Object, e As MouseEventArgs) Handles
record.timedc='" + timedc(0) + ":" +
                                              MyBase.MouseDown
timedc(1) + ":" + timedc(2) + "',
                                                      If e.Button =
record.length='" + length.ToString +
                                              Windows.Forms.MouseButtons.Left Then
```

<pre>mouseOffset = New Point(-</pre>	sqlcon = New
e.X, -e.Y)	SqlConnection(connection)
isMouseDown = True	Try
End If	Label1.Text =
End Sub	Date.Now().ToString("MMMM dd, yyyy") Label2.Text =
Private Sub	<pre>Date.Now().ToString("hh:mm:ss tt")</pre>
Submission_MouseMove(sender As	ListView1.Items.Clear()
Object, e As MouseEventArgs) Handles	Timer1.Start()
MyBase.MouseMove	Timer2.Start()
If isMouseDown Then	sqlcon.Open()
Dim mousePos As Point =	query = "UPDATE accounts
Control.MousePosition	SET accounts.status='True' WHERE
	accounts.username='" + details(0) +
<pre>mousePos.Offset(mouseOffset.X,</pre>	"' AND accounts.password='" +
mouseOffset.Y)	details(1) + "';"
Me.Location = mousePos	command = New
End If	SqlCommand(query, sqlcon)
End Sub	reader =
2	command.ExecuteReader()
Private Sub	sqlcon.Close()
Submission_MouseUp(sender As Object,	sqlcon.Open()
e As MouseEventArgs) Handles	query = "SELECT
MyBase.MouseUp	record.casenum, record.hosind,
If e.Button =	patient.fname, patient.mname,
Windows.Forms.MouseButtons.Left Then	patient.sname, room.roomid,
isMouseDown = False	room.roombed, record.diagnosis,
End If	record.datead, room.approve FROM room
End Sub	JOIN record ON
Liid Jub	record.casenum=room.casenum JOIN
Private Sub Button2_Click(sender	patient ON
As Object, e As EventArgs) Handles	patient.hosind=record.hosind WHERE
Button2.Click	room.category='" + account.ToString +
Me.Close()	";"
End Sub	command = New
Liid Jub	SqlCommand(query, sqlcon)
End Class	reader =
EIIG C1055	command.ExecuteReader()
WARD	While reader.Read()
WAND	list = New
Imports System.Data.SqlClient	ListViewItem(reader.GetInt32(0))
Public Class Ward	LISTVIEWICEIII(I CAUCI : GCCIIICSZ(G))
FUDIIC CIASS WAI U	<pre>list.SubItems.Add(reader.GetInt32(1))</pre>
Private Sub Ward_Load(sender As	1130.30010cm3.700(1 code1 .0cc111032(1))
Object, e As EventArgs) Handles	<pre>list.SubItems.Add(reader.GetString(2)</pre>
MyBase.Load	+ " " +
Dim connection As String	reader.GetString(3).Substring(0, 1) +
Dim sqlcon As SqlConnection	". " + reader.GetString(4))
Dim command As SqlCommand	. 1 Tedder : de esti 1118(4/)
Dim reader As SqlDataReader	<pre>list.SubItems.Add(reader.GetString(5)</pre>
Dim query As String	+ "-" + reader.GetInt32(6).ToString)
Dim length As Integer	
Dim height As Integer	<pre>list.SubItems.Add(reader.GetString(7)</pre>
Dim list As Integer Dim list As ListViewItem)
	length =
connection = "Data	DateTime.Now.Subtract(CDate(reader.Ge
Source=BERMUNDO-PC; Initial	tString(8))).TotalDays
Catalog=SystemDB;Integrated Securitv=True"	coci ing(o///. locaidays
JECUL ICV-II UE	

	height =
list.SubItems.Add(length)	ListView1.Items.Count
<pre>list.SubItems.Add(reader.GetBoolean(9</pre>	ColumnHeader3.Width =
))	133
	ColumnHeader6.Width =
ListView1.Items.Add(list)	42
counter(0) =	ColumnHeader5.Width =
<pre>counter(0) + 1</pre>	91
End While	ElseIf height < 19 Then
sqlcon.Close()	ColumnHeader3.Width =
sqlcon.Open()	140
query = "SELECT	ColumnHeader6.Width =
room.casenum, patient.hosind,	45
patient.fname, patient.mname,	ColumnHeader5.Width =
patient.sname, room.category,	98
room.roomno FROM room JOIN record ON	End If
record.casenum=room.casenum JOIN	TextBox5.Text =
patient ON	counter(0)
record.hosind=patient.hosind WHERE	TextBox3.Text =
room.casenum IS NOT NULL AND	counter(1)
record.status='True' AND	
room.approve='False' and	NotifyIcon1.BalloonTipIcon =
room.category='" + account.ToString +	ToolTipIcon.Info
"";"	
command = New	NotifyIcon1.BalloonTipText = "Welcome
SqlCommand(query, sqlcon)	Ward Nurse!"
reader =	Natificational PallaceTieTitle Unate
command.ExecuteReader()	NotifyIcon1.BalloonTipTitle = "Login
While reader.Read()	Successful"
counter(1) =	Nati Catagraf Charaballa antin (2000)
counter(1) + 1	NotifyIcon1.ShowBalloonTip(3000)
End While	Catch ex As SqlException
<pre>sqlcon.Close() sqlcon.Open()</pre>	MassagaPay Shaulay Massaga
query = "SELECT	MessageBox.Show(ex.Message) End Try
record.casenum, record.hosind,	End Sub
patient.fname, patient.mname,	Ellu Sub
patient.sname, room.roomno,	Private Sub Button1_Click(sender
record.diagnosis, record.datead,	As Object, e As EventArgs) Handles
room.category FROM room JOIN record	Button1.Click
ON record.casenum=room.casenum JOIN	Me.SendToBack()
patient ON	Monitor.Show()
patient.hosind=record.hosind WHERE	End Sub
record.status='False' AND	Elia Sab
record.disposition IS NULL AND	Private Sub Button5_Click(sender
room.category='" + account.ToString +	As Object, e As EventArgs) Handles
";"	Button5.Click
command = New	Me.SendToBack()
SqlCommand(query, sqlcon)	Pending.Show()
reader =	End Sub
command.ExecuteReader()	2.14 343
While reader.Read()	Private Sub Button4_Click(sender
counter(2) =	As Object, e As EventArgs) Handles
counter(2) + 1	Button4.Click
End While	Dim connection As String
sqlcon.Close()	Dim sqlcon As SqlConnection
. ,,	Dim command As SqlCommand
	·

```
Dim reader As SqlDataReader
                                                  Private Sub Ward_MouseDown(sender
        Dim query As String
                                             As Object, e As MouseEventArgs)
        Dim result As DialogResult
                                             Handles MyBase.MouseDown
        connection = "Data
                                                     If e.Button =
                                             Windows.Forms.MouseButtons.Left Then
Source=BERMUNDO-PC; Initial
Catalog=SystemDB; Integrated
                                                         mouseOffset = New Point(-
Security=True"
                                             e.X, -e.Y)
        sqlcon = New
                                                          isMouseDown = True
SqlConnection(connection)
                                                     End If
                                                 End Sub
        Try
            result =
MessageBox.Show("Are you sure to
                                                  Private Sub Ward MouseMove(sender
logout your account now?", "Logout
                                             As Object, e As MouseEventArgs)
Confirmation",
                                             Handles MyBase.MouseMove
MessageBoxButtons.YesNo,
                                                     If isMouseDown Then
                                                         Dim mousePos As Point =
MessageBoxIcon.Question)
            Select Case result
                                             Control.MousePosition
                Case DialogResult.Yes
                    sqlcon.Open()
                                             mousePos.Offset(mouseOffset.X,
                    query = "UPDATE
                                             mouseOffset.Y)
accounts SET accounts.status='False'
                                                         Me.Location = mousePos
WHERE accounts.username='" +
                                                     End If
details(0) + "' AND
                                                 End Sub
accounts.password='" + details(1) +
"';"
                                                 Private Sub Ward MouseUp(sender
                    command = New
                                             As Object, e As MouseEventArgs)
SqlCommand(query, sqlcon)
                                             Handles MyBase.MouseUp
                    reader =
                                                     If e.Button =
command.ExecuteReader()
                                             Windows.Forms.MouseButtons.Left Then
                                                         isMouseDown = False
                    sqlcon.Close()
                                                     End If
                    Me.Close()
                    Login.Show()
                                                 End Sub
            End Select
                                                 Private Sub
        Catch ex As SqlException
                                             AdmissionToolStripMenuItem_Click(send
MessageBox.Show(ex.Message)
                                             er As Object, e As EventArgs) Handles
        End Try
                                             AdmissionToolStripMenuItem.Click
    End Sub
                                                     Me.SendToBack()
                                                     Pending.Show()
                                                 End Sub
    Private Sub Button2_Click(sender
As Object, e As EventArgs) Handles
Button2.Click
                                                  Private Sub
        Me.SendToBack()
                                             DischargeToolStripMenuItem_Click(send
                                             er As Object, e As EventArgs) Handles
        Submission.Show()
                                             DischargeToolStripMenuItem.Click
    End Sub
                                                     Me.SendToBack()
    Private Sub Button3_Click(sender
                                                     Submission.Show()
As Object, e As EventArgs) Handles
                                                 End Sub
Button3.Click
        Me.SendToBack()
                                                 Private Sub
                                             SearchPatientToolStripMenuItem Click(
        Search.Show()
    End Sub
                                             sender As Object, e As EventArgs)
                                             Handles
    Private isMouseDown As Boolean =
                                             SearchPatientToolStripMenuItem.Click
False
                                                     Me.SendToBack()
    Private mouseOffset As Point
                                                     Search.Show()
                                                 End Sub
```

Private Sub	ender As Object, e As EventArgs)
AccommodationToolStripMenuItem_Click(Handles
sender As Object, e As EventArgs)	AboutProgramToolStripMenuItem.Click
Handles	<pre>Me.SendToBack()</pre>
AccommodationToolStripMenuItem.Click	AboutBox.Show()
<pre>Me.SendToBack()</pre>	End Sub
Monitor.Show()	
End Sub	Private Sub Timer1_Tick(sender As
	Object, e As EventArgs) Handles
Private Sub	Timer1.Tick
LogoutAccountToolStripMenuItem_Click(Dim connection As String
sender As Object, e As EventArgs)	Dim sqlcon As SqlConnection
Handles	Dim command As SqlCommand
LogoutAccountToolStripMenuItem.Click	Dim reader As SqlDataReader
Dim connection As String	Dim query As String
Dim sqlcon As SqlConnection	Dim length As Integer
Dim command As SqlCommand	Dim height As Integer
Dim reader As SqlDataReader	Dim tmpcnt() As Integer = {0,
Dim query As String	0, 0}
Dim result As DialogResult	Dim list As ListViewItem
connection = "Data	connection = "Data
Source=BERMUNDO-PC;Initial	Source=BERMUNDO-PC;Initial
Catalog=SystemDB;Integrated	Catalog=SystemDB;Integrated
Security=True"	Security=True"
sqlcon = New	sqlcon = New
SqlConnection(connection)	SqlConnection(connection)
Try	Try
result =	sqlcon.Open()
MessageBox.Show("Are you sure to	query = "SELECT
logout your account now?", "Logout	record.casenum, record.hosind,
Confirmation",	patient.fname, patient.mname,
MessageBoxButtons.YesNo,	patient.sname, room.roomid,
MessageBoxIcon.Question)	room.roombed, record.diagnosis,
Select Case result	record.datead, room.approve FROM room
Case DialogResult.Yes	JOIN record ON
sqlcon.Open()	record.casenum=room.casenum JOIN
query = "UPDATE	patient ON
accounts SET accounts.status='False'	patient.hosind=record.hosind WHERE
WHERE accounts.username='" +	room.category='" + account.ToString +
details(0) + "' AND	"'."
accounts.password='" + details(1) +	command = New
"." + decalls(1) +	SqlCommand(query, sqlcon)
command = New	reader =
SqlCommand(query, sqlcon)	command.ExecuteReader()
reader =	
	While reader.Read() tmpcnt(0) = tmpcnt(0)
command.ExecuteReader()	
<pre>sqlcon.Close() ma_Close()</pre>	+ 1
Me.Close()	End While
Login.Show()	sqlcon.Close()
End Select	<pre>If tmpcnt(0) <></pre>
Catch ex As SqlException	counter(0) Then
Managara Bara Chara (and Managara)	counter(0) =
MessageBox.Show(ex.Message)	tmpcnt(0)
End Try	sqlcon.Open()
End Sub	ListVioud Thoma Class ()
Privata Sub	ListView1.Items.Clear()
Private Sub	command = New
AboutProgramToolStripMenuItem_Click(s	SqlCommand(query, sqlcon)

```
reader =
                                              patient ON
command.ExecuteReader()
                                              record.hosind=patient.hosind WHERE
                While reader.Read()
                                              room.casenum IS NOT NULL AND
                    list = New
                                              record.status='True' AND
ListViewItem(reader.GetInt32(0))
                                              room.approve='False' and
                                              room.category='" + account.ToString +
list.SubItems.Add(reader.GetInt32(1))
                                                          command = New
                                              SqlCommand(query, sqlcon)
list.SubItems.Add(reader.GetString(2)
+ " " +
                                                          reader =
reader.GetString(3).Substring(0, 1) +
                                              command.ExecuteReader()
". " + reader.GetString(4))
                                                          While reader.Read()
                                                              tmpcnt(1) = tmpcnt(1)
list.SubItems.Add(reader.GetString(5)
                                              + 1
+ "-" + reader.GetInt32(6).ToString)
                                                          End While
                                                          If tmpcnt(1) > counter(1)
list.SubItems.Add(reader.GetString(7)
                                              Then
                                                              TextBox3.Text =
                    length =
                                              tmpcnt(1)
DateTime.Now.Subtract(CDate(reader.Ge
                                                              counter(1) =
tString(8))).TotalDays
                                              tmpcnt(1)
list.SubItems.Add(length)
                                              NotifyIcon1.BalloonTipIcon =
                                              ToolTipIcon.Info
list.SubItems.Add(reader.GetBoolean(9
                                              NotifyIcon1.BalloonTipText = "New
                                              patient has been added to pending
ListView1.Items.Add(list)
                                              admit."
                End While
                                              NotifyIcon1.BalloonTipTitle =
                sqlcon.Close()
                                              "Pending Information"
                TextBox5.Text =
tmpcnt(0)
                height =
                                              NotifyIcon1.ShowBalloonTip(3000)
                                                          ElseIf tmpcnt(1) <</pre>
ListView1.Items.Count
                If height > 18 Then
                                              counter(1) Then
                                                              TextBox3.Text =
ColumnHeader3.Width = 133
                                              tmpcnt(1)
                                                              counter(1) =
ColumnHeader6.Width = 42
                                              tmpcnt(1)
                                                          End If
ColumnHeader5.Width = 91
                                                          sqlcon.Close()
                ElseIf height < 19
                                                          sqlcon.Open()
Then
                                                          query = "SELECT
                                              record.casenum, record.hosind,
ColumnHeader3.Width = 140
                                              patient.fname, patient.mname,
                                              patient.sname, room.roomno,
ColumnHeader6.Width = 45
                                              record.diagnosis, record.datead,
                                              room.category FROM room JOIN record
ColumnHeader5.Width = 98
                                              ON record.casenum=room.casenum JOIN
                End If
                                              patient ON
            End If
                                              patient.hosind=record.hosind WHERE
            sqlcon.Open()
                                              record.status='False' AND
            query = "SELECT
                                              record.disposition IS NULL AND
                                              room.category='" + account.ToString +
room.casenum, patient.hosind,
                                              "';"
patient.fname, patient.mname,
patient.sname, room.category,
                                                          command = New
room.roomno FROM room JOIN record ON
                                              SqlCommand(query, sqlcon)
record.casenum=room.casenum JOIN
```

```
height =
            reader =
command.ExecuteReader()
                                              ListView1.Items.Count
            While reader.Read()
                                                              If height > 18 Then
                tmpcnt(2) = tmpcnt(2)
                                              ColumnHeader3.Width = 133
+ 1
            End While
                                              ColumnHeader6.Width = 42
            sqlcon.Close()
            If tmpcnt(2) <>
                                              ColumnHeader5.Width = 91
counter(2) Then
                                                              ElseIf height < 19</pre>
ListView1.Items.Clear()
                                              Then
                counter(2) =
tmpcnt(2)
                                              ColumnHeader3.Width = 140
                sqlcon.Open()
                query = "SELECT
                                              ColumnHeader6.Width = 45
record.casenum, record.hosind,
patient.fname, patient.mname,
                                              ColumnHeader5.Width = 98
patient.sname, room.roomid,
                                                              End If
room.roombed, record.diagnosis,
                                                          End If
record.datead, room.approve FROM room
                                                      Catch ex As SqlException
JOIN record ON
record.casenum=room.casenum JOIN
                                             MessageBox.Show(ex.Message)
patient ON
                                                      End Try
patient.hosind=record.hosind WHERE
                                                  End Sub
room.category='" + account.ToString +
                                                  Private Sub Timer2 Tick(sender As
                command = New
                                              Object, e As EventArgs) Handles
SqlCommand(query, sqlcon)
                                              Timer2.Tick
                                                      Label2.Text =
                reader =
                                              Date.Now().ToString("hh:mm:ss tt")
command.ExecuteReader()
                                                  End Sub
                While reader.Read()
                    list = New
                                                  Private Sub
ListViewItem(reader.GetInt32(0))
                                              TextBox1_TextChanged(sender As
list.SubItems.Add(reader.GetInt32(1))
                                              Object, e As EventArgs) Handles
                                              TextBox1.TextChanged
list.SubItems.Add(reader.GetString(2)
                                                      Dim connection As String
+ " " +
                                                      Dim sqlcon As SqlConnection
reader.GetString(3).Substring(0, 1) +
                                                      Dim command As SqlCommand
                                                      Dim reader As SqlDataReader
". " + reader.GetString(4))
                                                      Dim query As String
list.SubItems.Add(reader.GetString(5)
                                                      Dim length As Integer
+ "-" + reader.GetInt32(6).ToString)
                                                      Dim height As Integer
                                                      Dim list As ListViewItem
                                                      connection = "Data
list.SubItems.Add(reader.GetString(7)
                                              Source=BERMUNDO-PC; Initial
                    length =
                                              Catalog=SystemDB; Integrated
                                              Security=True"
DateTime.Now.Subtract(CDate(reader.Ge
tString(8))).TotalDays
                                                      sqlcon = New
                                              SqlConnection(connection)
list.SubItems.Add(length)
                                                      Try
                                                          If TextBox1.Text <> ""
list.SubItems.Add(reader.GetBoolean(9
                                              Then
                                                              Timer1.Stop()
                                                          ElseIf TextBox1.Text = ""
ListView1.Items.Add(list)
                                              Then
                End While
                                                              Timer1.Start()
                sqlcon.Close()
                                                          End If
```

<pre>ListView1.Items.Clear()</pre>	ColumnHeader3.Width =
sqlcon.Open()	133
query = "SELÉCT	ColumnHeader6.Width =
record.casenum, record.hosind,	42
patient.fname, patient.mname,	ColumnHeader5.Width =
patient.sname, room.roomid,	91
room.roombed, record.diagnosis,	ElseIf height < 19 Then
record.datead, room.approve FROM room	ColumnHeader3.Width =
JOIN record ON	140
record.casenum=room.casenum JOIN	ColumnHeader6.Width =
patient ON	45
patient.hosind=record.hosind WHERE	ColumnHeader5.Width =
room.category='" + account.ToString +	98
"' AND (record.casenum LIKE '%" +	End If
TextBox1.Text + "%' OR record.hosind	Catch ex As SqlException
LIKE '%" + TextBox1.Text + "%' OR	Catch ex As Syllxception
	Massaga Pay Chay (ay Massaga)
patient.fname LIKE '%" +	MessageBox.Show(ex.Message)
TextBox1.Text + "%' OR patient.mname	End Try
LIKE '%" + TextBox1.Text + "%' OR	End Sub
patient.sname LIKE '%" +	
TextBox1.Text + "%' OR	Private Sub
record.diagnosis LIKE '%" +	TextBox3_TextChanged(sender As
<pre>TextBox1.Text + "%');"</pre>	Object, e As EventArgs) Handles
command = New	TextBox3.TextChanged
SqlCommand(query, sqlcon)	Dim connection As String
reader =	Dim sqlcon As SqlConnection
<pre>command.ExecuteReader()</pre>	Dim command As SqlCommand
While reader.Read()	Dim reader As SqlDataReader
list = New	Dim query As String
ListViewItem(reader.GetInt32(0))	Dim length As Integer
` '//	Dim height As Integer
<pre>list.SubItems.Add(reader.GetInt32(1))</pre>	Dim list As ListViewItem
	connection = "Data
<pre>list.SubItems.Add(reader.GetString(2)</pre>	Source=BERMUNDO-PC;Initial
+ " " +	Catalog=SystemDB; Integrated
reader.GetString(3).Substring(0, 1) +	Security=True"
". " + reader.GetString(4))	sqlcon = New
. + Teader .det3tling(4))	SqlConnection(connection)
<pre>list.SubItems.Add(reader.GetString(5)</pre>	If TextBox3.Text < counter(1)
+ "-" + reader.GetInt32(6).ToString()	Then
+ - + reductrics2(6).105tring)	
list Cubitsons Add/ossider CatCtoins/7)	ListView1.Items.Clear()
list.SubItems.Add(reader.GetString(7)	sqlcon.Open()
)	query = "SELECT
length =	record.casenum, record.hosind,
DateTime.Now.Subtract(CDate(reader.Ge	patient.fname, patient.mname,
tString(8))).TotalDays	patient.sname, room.roomid,
	room.roombed, record.diagnosis,
<pre>list.SubItems.Add(length)</pre>	record.datead, room.approve FROM room
	JOIN record ON
<pre>list.SubItems.Add(reader.GetBoolean(9</pre>	record.casenum=room.casenum JOIN
))	patient ON
	<pre>patient.hosind=record.hosind WHERE</pre>
ListView1.Items.Add(list)	<pre>room.category='" + account.ToString +</pre>
End While	"","
sqlcon.Close()	command = New
height =	SqlCommand(query, sqlcon)
ListView1.Items.Count	reader =
If height > 18 Then	command.ExecuteReader()
_ · · · · - o · · · - · · · · · · · · · · · · · · · · · · ·	

```
While reader.Read()
                list = New
ListViewItem(reader.GetInt32(0))
list.SubItems.Add(reader.GetInt32(1))
list.SubItems.Add(reader.GetString(2)
+ " " +
reader.GetString(3).Substring(0, 1) +
". " + reader.GetString(4))
list.SubItems.Add(reader.GetString(5)
+ "-" + reader.GetInt32(6).ToString)
list.SubItems.Add(reader.GetString(7)
                length =
DateTime.Now.Subtract(CDate(reader.Ge
tString(8))).TotalDays
list.SubItems.Add(length)
list.SubItems.Add(reader.GetBoolean(9
))
ListView1.Items.Add(list)
            End While
            height =
ListView1.Items.Count
            If height > 18 Then
                ColumnHeader3.Width =
133
                ColumnHeader6.Width =
42
                ColumnHeader5.Width =
91
            ElseIf height < 19 Then</pre>
                ColumnHeader3.Width =
140
                ColumnHeader6.Width =
45
                ColumnHeader5.Width =
98
            End If
            sqlcon.Close()
        End If
    End Sub
End Class
```