

## REFERENCES

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- [2] E.Reed Doke, John W. Satzinger, Susan Rebstock Williams, David E. Douglas (2003) *Object-Oriented Application Development using Microsoft Visual Basic.NET*. Thomson Course Technology. Canada
- [3] Thearon Willis. (2004) *Beginning VB.NET Databases*. Wiley Publishings, Inc. Canada
- [4] Ted Coombs. (2002) *Programming with Visual Basic.NET*. Thomson Course Technology. Canada
- [5] Ken Carney, Visual Basic.NET programming for the beginners - The Database Project. <http://www.homeandlearn.co.uk/NET/nets12p1VS.html>
- [6] Dan Mabbutt, A part of The New York Times Company, About, Inc.(2007), Setup Project Deployment in VB.NET 2005 – Part II. <http://visualbasic.about.com/od/usingvbnet/a/SetupProj02.htm>
- [7] SilverLock, Developer Fusion Ltd, Copyright 1999-2006, An Introduction to VB.NET and Database Programming – Introduction, <http://www.developerfusion.co.uk/show/4286/>

## **APPENDICES**

## APPENDIX A

### INTERFACES 1: WELCOME

```
Public Class Form1
    Inherits System.Windows.Forms.Form

    "Windows Form Designer generated code"

    Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

        Dim Tools As New Form2
        Me.AddOwnedForm(Tools)
        Tools.Show()
        Dim dbcar As New ADODB.Connection
        Dim dbtotal As New ADODB.Recordset
        dbcar.Open("dsn=FYP")

        Open D:\Sem8_Jan07\EKT444_FYP\Add An Owned Form
    End Sub

    Private Sub buttonWelc_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonWelc.Click

        Dim Dialog As New Form2
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub buttonCancel_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonCancel.Click

        Me.Close()
    End Sub
End Class
```

---

### INTERFACES 2: SYSTEM UPDATING

```
Public Class Form2
    Inherits System.Windows.Forms.Form

    "Windows Form Designer generated code"

    Private Sub buttonOK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles buttonOK.Click

        Dim Dialog As New Form5
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub buttonCancel_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonCancel.Click
        Me.Close()
    End Sub
End Class
```

### INTERFACES 3: FLOORVIEW

```
Public Class Form5
    Inherits System.Windows.Forms.Form
    Dim dbcar As New ADODB.Connection
    Dim dbcarno As New ADODB.Recordset
    Dim dbtotal As New ADODB.Recordset

    "Windows Form Designer generated code"

    Private Sub buttonWelc_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonWelc.Click

        Dim Dialog As New Form7
        Dim Result As DialogResult

        Dim sql As String
        dbcar.Open("dsn=FYP")
        sql = "insert into Car(CarNo, TimeIn) values ('" & TextBox2.Text
& "', '" & DateTimePicker1.Text & "')"
        dbcar.Execute(sql)
        dbcar.Close()

        Result = Dialog.ShowDialog(Me)

        System.Windows.Forms.MessageBox.Show("Car No had been recored",
MessageBoxButtons.OK, MessageBoxIcon.Information,
MessageBoxDefaultButton.Button1)

        If Result = DialogResult.OK Then
            MsgBox("User accepted changes")
        Else
            MsgBox("User cancelled")
        End If

    End Sub

    Private Sub buttonClose_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonClose.Click
        Me.Close()
    End Sub

    Private Sub Timer1_Tick_1(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Timer1.Tick

        Dim Today As Date
        Today = Now
        lblDay.Text = Format(Today, "dddd")
        lblMonth.Text = Format(Today, "MMMM")
        lblYear.Text = Format(Today, "YYYY")
        lblNumber.Text = Format(Today, "dd")
    End Sub

    Private Sub Form5_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
```

```

        Dim dbcar As New ADODB.Connection
        Dim dbtotal As New ADODB.Recordset
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)

        Dim sql As String
        dbcar.Open("dsn=FYP")
        sql = "insert into Car(CarNo, TimeIn) values ('" & TextCarNo.Text
& "', '" & DateTimePicker1.Text & "')"
        dbcar.Execute(sql)
        dbcar.Close()
    End Sub
End Class

```

---

INTERFACES 4: FLOOR 1

```

Public Class Form7
    Inherits System.Windows.Forms.Form

    "Windows Form Designer generated code"

    Private Sub buttonFloor1_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonFloor1.Click
        Dim Dialog As New Form4
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub buttonFloor2_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonFloor2.Click
        Dim Dialog As New Form8
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub buttonFloor3_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonFloor3.Click
        Dim Dialog As New Form9
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub
End Class

```

---

INTERFACES 5: FLOOR 2

```

Public Class Form4
    Inherits System.Windows.Forms.Form

    "Windows Form Designer generated code"

    Private Sub buttonOK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles buttonOK.Click
        Dim Dialog As New Form11

```

```

        Dim Result As DialogResult

        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Dim Dialog As New Form4
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)

    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Dim Dialog As New Form4
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Dim Dialog As New Form4
        Dim Result As DialogResult
        Result = Dialog.ShowDialog(Me)
    End Sub

    Private Sub Panel2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Petak1H.Click
        MessageBox.Show("This parking lot is available. It only for
handicapped.")
    End Sub

    Private Sub Petak2_Click1(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        MessageBox.Show("This parking lot is not available. One car is
here.")
    End Sub

    Private Sub Petak3_Click1(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak3.Click
        MessageBox.Show("This parking lot is available. Please click
button 3 at your right.")
    End Sub

    Private Sub Petak4_Click1(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak4.Click
        MessageBox.Show("This parking lot is available. Please click
button 4 at your right.")
    End Sub

    Private Sub buttonCancel_Click_1(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles buttonCancel.Click
        Me.Close()
    End Sub

```

```

    Private Sub radiohandicapped1_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radiohandicapped1.CheckedChanged
    If PictureBox2.Visible Then
        PictureBox2.Visible = False
    Else
        PictureBox2.Visible = True
    End If
End Sub

```

```

    Private Sub radioparking3_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking3.CheckedChanged
    If PictureBox3.Visible Then
        PictureBox3.Visible = False
    Else
        PictureBox3.Visible = True
    End If
End Sub

```

```

    Private Sub radioparking4_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking4.CheckedChanged
    If PictureBox4.Visible Then
        PictureBox4.Visible = False
    Else
        PictureBox4.Visible = True
    End If
End Sub

```

```

    Private Sub radioparking2_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking2.CheckedChanged
    If PictureBox6.Visible Then
        PictureBox6.Visible = False
    Else
        PictureBox6.Visible = True
    End If
End Sub
End Class

```

---

INTERFACES 6: FLOOR 3

```

Public Class Form8
    Inherits System.Windows.Forms.Form

```

"Windows Form Designer generated code"

```

Private Sub buttonOK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
    Dim Dialog As New Form11
    Dim Result As DialogResult
    Result = Dialog.ShowDialog(Me)
End Sub
Private Sub Petak2H_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak2H.Click

```

```

        MessageBox.Show("This parking lot is available. It only for
handicapped.")
    End Sub

    Private Sub Petak5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Petak5.Click
        MessageBox.Show("This parking lot is not available. One car is
here.")
    End Sub

    Private Sub Petak7_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak7.Click
        MessageBox.Show("This parking lot is not available. One car is
here.")
    End Sub

    Private Sub Petak6_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak6.Click
        MessageBox.Show("This parking lot is available. Please click
button 6 at your right.")
    End Sub

    Private Sub buttonCancel_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button1.Click
        Me.Close()
    End Sub

    Private Sub radiohandicapped2H_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radiohandicapped2H.CheckedChanged
        If PictureBox4.Visible Then
            PictureBox4.Visible = False
        Else
            PictureBox4.Visible = True
        End If
    End Sub

    Private Sub radioparking6_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking6.CheckedChanged
        If PictureBox3.Visible Then
            PictureBox3.Visible = False
        Else
            PictureBox3.Visible = True
        End If
    End Sub
End Class

```

---

INTERFACES 7: CAR NO

```

Public Class Form9
    Inherits System.Windows.Forms.Form

    "Windows Form Designer generated code"

```



```

Private Sub buttonOK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles buttonOK.Click
    Dim Dialog As New Form11
    Dim Result As DialogResult
    Result = Dialog.ShowDialog(Me)
End Sub

Private Sub Petak9_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak9.Click
    MessageBox.Show("This parking lot is not available.One car is
here.")
End Sub

Private Sub Petak8_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak8.Click
    MessageBox.Show("This parking lot is available. Please click
button 8 at your right.")
End Sub

Private Sub Petak10_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak10.Click
    MessageBox.Show("This parking lot is available. Please click
button 10 at your right.")
End Sub

Private Sub Petak3H_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Petak3H.Click
    MessageBox.Show("This parking lot is available. It only for
handicapped.")
End Sub

Private Sub buttonCancel_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonCancel.Click
    Me.Close()
End Sub

Private Sub radiohandicapped3H_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radiohandicapped3H.CheckedChanged
    If PictureBox3.Visible Then
        PictureBox3.Visible = False
    Else
        PictureBox3.Visible = True
    End If
End Sub

Private Sub radioparking8_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking8.CheckedChanged
    If PictureBox2.Visible Then
        PictureBox2.Visible = False
    Else
        PictureBox2.Visible = True
    End If
End Sub

```

```

    Private Sub radioparking10_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
radioparking10.CheckedChanged
    If PictureBox4.Visible Then
        PictureBox4.Visible = False
    Else
        PictureBox4.Visible = True
    End If
End Sub
End Class

```

---

INTERFACES 8: RETURN TICKET

```

Public Class Form11
    Inherits System.Windows.Forms.Form
    Dim dbcar As New ADODB.Connection
    Dim dbcarno As New ADODB.Recordset
    Dim dbtotal As New ADODB.Recordset

    "Windows Form Designer generated code"

    Private Sub buttonOK_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles buttonOK.Click
        Me.Close()
    End Sub

    Private Sub ListView1_GotFocus(ByVal sender As Object, ByVal e As
System.EventArgs) Handles ListView1.GotFocus
        TextBox2.Text = ListView1.SelectedItems.Count
        TextBox3.Text = ListView1.SelectedItems.Count
    End Sub

    Private Sub Form11_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        Dim dbcar As New ADODB.Connection
        Dim dbtotal As New ADODB.Recordset
        Dim sql As String
        dbcar.Open("dsn=FYP")
        sql = "Select * from Car "
        With dbcarno
            .CursorLocation = ADODB.CursorLocationEnum.adUseClient
            .Open(sql, dbcar, ADODB.CursorTypeEnum.adOpenKeyset)
        End With
    End Sub

    Private Sub buttonprint_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles buttonprint.Click
        PrintDialog1.ShowDialog()

    End Sub
End Class

Private Sub EditData()
    Dim frm As New Form5

    With frm
        .StartPosition = FormStartPosition.CenterScreen
    End With

```

```

        .TextCarNo.Text = Me.Label12.Text

    End With

    frm.ShowDialog()
End Sub

Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Timer1.Tick
    Dim Today As Date
    Today = Now
    lblDay1.Text = Format(Today, "dddd")
    lblMonth1.Text = Format(Today, "MMMM")
    lblYear1.Text = Format(Today, "YYYY")
    lblNumber1.Text = Format(Today, "dd")
End Sub

Private Sub btnCalculate_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles btnCalculate.Click
    Dim Amount As Integer
    Dim Hours As Integer
    Dim Total As Integer

    'Get amount/ hour
    Amount = Val(txtAmount.Text)

    'Get hours
    Hours = Val(txtHours.Text)

    'Calculate total amount
    Total = Amount * Hours

    'Display Total
    lblTotal.Text = "$" & Str(Total)
End Sub
End Class

```