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'Allows users to update the customer's data
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'First Written 23/8/05
'Last written 27/8/05
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Public Class frmCustomerDetails
    Inherits System.Windows.Forms.Form
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Windows Form Designer generated code
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'Closes Form frmCustomerDeatils
Private Sub mnuExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles mnuExit.Click
        Me.Close()
End Sub ' mnuExit_Click

'Updates the customer's data in the FAMSDB database after the user has edited
'it and enters a record in the CustomerMaintenance table of the FAMSDB database
'indicating which member of staff updated the data and when they updated it
Private Sub mnuUpdateDetails_Click(ByVal sender As System.Object, ByVal e As System.
    EventArgs) Handles mnuUpdateDetails.Click
    Try
        'check user wants to update customer's details
        Dim Result As DialogResult

        Result = MessageBox.Show("Are you sure you want to Update the Customer's
            Details?", "Update Details?", MessageBoxButtons.YesNo, MessageBoxIcon.Question)

        'if user clicks Yes....
        If Result = DialogResult.Yes Then

            'Open Database Connection
            FAMSDBConnection.Open()

            'Create Update Command
            CustomerDataAdapter.UpdateCommand.CommandText = _
                "Update Customer SET title = '" & txtTitle.Text & "', " & _
                "forenames = '" & txtForenames.Text & "', " & _
                "surname = '" & txtSurname.Text & "', " & _
                "addressLine1 = '" & txtAddressLine1.Text & "', " & _
                "addressLine2 = '" & txtAddressLine2.Text & "', " & _
                "addressLine3 = '" & txtAddressLine3.Text & "', " & _
                "city = '" & txtCity.Text & "', " & _
                "county = '" & txtCounty.Text & "', " & _
                "postcode = '" & txtPostCode.Text & "', " & _
                "telephoneNo = '" & txtTelephoneNo.Text & "', " & _
                "emailAddress = '" & txtEmailAddress.Text & "', " & _
                "DoB = '" & txtDoB.Text & "', " & _
                "DoD = '" & txtDoD.Text & "'" & _
                "WHERE customerNo = '" & txtCustomerNo.Text & "'"

            'Execute Update Command
            CustomerDataAdapter.UpdateCommand.ExecuteNonQuery()

            'Close database connection
            FAMSDBConnection.Close()

            'Display confirmation message
            MessageBox.Show("Customer's Details have been Updated", "Update Complete",
                MessageBoxButtons.OK, MessageBoxIcon.Information)

            'Now update the CustomerMaintenance Table of the FAMSDB

            'Declare variable for holding staff number in when inserting
            'CustomerMaintenance(record)
            Dim staffNumber As String
            'Declare variable for holding maximum transactionNo carried out
            ' on Customer data by current user
            Dim transactionNumber As String

            'Open Database Connection
            FAMSDBConnection.Open()

            'Return the DataSet to it's original state
```

```

StaffDataSet.Reset()

'Select Staffno of logged in member of staff
StaffDataAdapter.SelectCommand.CommandText = _
"SELECT staffNo FROM Staff WHERE localIPAddress = '" & _
frmLogin.GetIPAddress() & "'"

'Fill DataSet
StaffDataAdapter.Fill(StaffDataSet)

'Close Database Connection
FAMSDBConnection.Close()

'Put Selected Data in datatable with which to work
Dim datatable As DataTable = StaffDataSet.Tables(0)

'Assign staffNumber Variable with staffNo value
staffNumber = Convert.ToString(datatable.Rows(0)(0))

'Open Database Connection
FAMSDBConnection.Open()

'Return the DataSet to it's original state
CustomerMaintenanceDataSet.Reset()

'SELECT the number of transactions carried out by the
'current member of staff on the current customer
CustomerMaintenanceDataAdapter.SelectCommand.CommandText = _
"SELECT COUNT(*) FROM CustomerMaintenance " & _
"WHERE staffNo = '" & staffNumber & "' AND customerNo = '" & txtCustomerNo.No.
Text & "'"

'Fill DataSet
CustomerMaintenanceDataAdapter.Fill(CustomerMaintenanceDataSet)

'Close DataBase Connection
FAMSDBConnection.Close()

'Put Selected Data in Datatable for working with
Dim datatable1 As DataTable = CustomerMaintenanceDataSet.Tables(0)

'Assign transactionNumber variable with number of transactions
'carried out by current member of staff on current customer
transactionNumber = Convert.ToString(datatable1.Rows(0)(0))

'Now INSERT CustomerMaintenance record

'Open Database Connection
FAMSDBConnection.Open()

'Create INSERT Command
CustomerMaintenanceDataAdapter.InsertCommand.CommandText = _
"INSERT INTO CustomerMaintenance VALUES('" & staffNumber & "', " & _
txtCustomerNo.Text & "', " & _
Convert.ToString(Convert.ToInt32(transactionNumber) + 1) & "', " & _
Convert.ToString(DateTime.Now.ToString("d")) & "', " & _
"Updated')"

'Execute INSERT Command
CustomerMaintenanceDataAdapter.InsertCommand.ExecuteNonQuery()

'Close Database Connection
FAMSDBConnection.Close()

End If
Catch ex As Exception
    MessageBox.Show(ex.ToString())
End Try
End Sub 'mnuUpdateDetails_Click

End Class 'frmCustomerDetails

```