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'Allows the user to make cheque deposits into the a/c by UPDATIng the a/c's
'record and INSERTIng a transaction record in the Transaction table of the
'FAMSDB.
'Written by Bill Blackley
'First written 21/8/2005
'Last written 15/9/2005

Public Class frmChequeDeposit
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code
    'Allows the user to make a cheque deposit by UPDATIng Account Table and INSERTIng
    'a record in the Transactions Table of the FAMSDB database
    'Note that Cheque deposits do not alter the availableBalance attribute of
    'the account table as Cheques take 3 days to clear and BestBank's Clearing Centre
    'are responsible for making cleared funds available.
    Private Sub cmdChequeDeposit_Click(ByVal sender As System.Object, ByVal e As System.
    EventArgs) Handles cmdChequeDeposit.Click

        Try
            'Declare variables for storing old and new balances in
            Dim balance, newBalance As String

            'Open Database Connection
            FAMSDBConnection.Open()

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

            'Create query to get balance and availableBlance attributes
            AccountDataAdapter.SelectCommand.CommandText =
            "SELECT balance FROM Account WHERE sortCode = '" & _
            txtSortCode.Text & "' AND accountNo = '" & txtAccountNo.Text & "'"

            'Fill AccountDataSet
            AccountDataAdapter.Fill(AccountDataSet)

            'Close Database Connection
            FAMSDBConnection.Close()

            'Put results of query into datatable with which to work
            Dim datatable As DataTable = AccountDataSet.Tables(0)

            'Put account balance into balance variable
            balance = Convert.ToString(datatable.Rows(0)(0))

            'Now calculate new balances
            newBalance = Convert.ToString(Convert.ToDecimal(balance) + Convert.ToDecimal
            (txtAmount.Text))

            'Now INSERT new balances into Account Table

            'Open Database Connection
            FAMSDBConnection.Open()

            'Create UPDATE Command
            AccountDataAdapter.UpdateCommand.CommandText = _
            "UPDATE Account SET balance = '" & newBalance & "'" & _
            "WHERE sortCode = '" & txtSortCode.Text & "' AND " & _
            "accountNo = '" & txtAccountNo.Text & "'"

            'Execute UPDATE Command
            AccountDataAdapter.UpdateCommand.ExecuteNonQuery()

            'Close Database Connection
            FAMSDBConnection.Close()

            'Now INSERT Transaction Record
            Transaction.InsertTransaction("ChequeDeposit", txtAmount.Text, _
            newBalance, txtSortCode.Text, txtAccountNo.Text)

            'Display confirmation Message
            MessageBox.Show("£" & txtAmount.Text & " has been deposited", "Amount Deposited"
            ", MessageBoxButtons.OK, MessageBoxIcon.Information)

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'Close form
Me.Close()

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

End Class 'frmChequeDeposit
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