Форма авторизации

Public Class AuthForm

Private Sub Auth\_Click(sender As Object, e As EventArgs) Handles Auth.Click

Dim userId As Integer = 0

Try

Dim sqlConnection1 As New SqlConnection(My.Settings.Properties.Item("BankConnectionString").DefaultValue)

Dim cmd As New SqlCommand

cmd.CommandText = "SELECT ID FROM Users WHERE CONVERT(VARCHAR, Email) = '" + Email.Text + "' AND CONVERT(VARCHAR, Password) = '" + Password.Text + "'"

cmd.CommandType = CommandType.Text

cmd.Connection = sqlConnection1

sqlConnection1.Open()

userId = Convert.ToInt32(cmd.ExecuteScalar().ToString())

sqlConnection1.Close()

Catch

MessageBox.Show("Возможно, логин или пароль неправильный.")

End Try

If (userId > 0) Then

MessageBox.Show("Вы успешно авторизовались.")

Dim openForm As MainForm = New MainForm(Me, userId)

Me.Hide()

openForm.Show()

End If

End Sub

Private Sub ShowRegForm\_LinkClicked(sender As Object, e As LinkLabelLinkClickedEventArgs) Handles ShowRegForm.LinkClicked

Dim openForm As RegForm = New RegForm(Me)

Me.Hide()

openForm.Show()

End Sub

Private Sub AuthForm\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

End Sub

End Class

Форма регистрации

Public Class RegForm

Private pForm As Form

Public Sub New(pForm As Form)

InitializeComponent()

Me.pForm = pForm

End Sub

Private Sub RegForm\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

End Sub

Public Shared Function isValidEmail(email As String) As Boolean

Dim pattern As String = "[.\-\_a-z0-9]+@([a-z0-9][\-a-z0-9]+\.)+[a-z]{2,6}"

Dim isMatch As Match = Regex.Match(email, pattern, RegexOptions.IgnoreCase)

Return isMatch.Success

End Function

Private Sub Reg\_Click(sender As Object, e As EventArgs) Handles Reg.Click

Dim errs As String = ""

If (FirstName.Text = "") Then

errs += "Вы должны ввести Ваше имя." + vbNewLine

End If

If (MiddleName.Text = "") Then

errs += "Вы должны ввести Ваше отчество." + vbNewLine

End If

If (LastName.Text = "") Then

errs += "Вы должны ввести Вашу фамилию." + vbNewLine

End If

If (Password.Text.Length < 6) Then

errs += "Пароль должен быть длиной от 6-и символов включительно." + vbNewLine

End If

If (Password.Text <> PasswordConfirmation.Text) Then

errs += "Введённые парол должны совпадать." + vbNewLine

End If

If Not (isValidEmail(Email.Text)) Then

errs += "Пожалуйста, введите правильный Email адрес." + vbNewLine

End If

If (PassportData.Text.Length < 8) Then

errs += "Номер паспорта содержит более или 8 символов." + vbNewLine

End If

If (errs = "") Then

Dim qRes As Integer = 0

Try

Dim sqlConnection1 As New SqlConnection(My.Settings.Properties.Item("BankConnectionString").DefaultValue)

Dim cmd As New SqlCommand

cmd.CommandText = "INSERT INTO Users VALUES(CAST('" + LastName.Text.Trim() + " " + FirstName.Text.Trim() + " " + MiddleName.Text.Trim() + "' AS TEXT), CAST('" + Password.Text + "' AS TEXT), CAST('" + Email.Text.Trim() + "' AS TEXT), CAST('" + PassportData.Text.Trim() + "' AS TEXT))"

cmd.CommandType = CommandType.Text

cmd.Connection = sqlConnection1

sqlConnection1.Open()

qRes = Convert.ToInt32(cmd.ExecuteNonQuery().ToString())

sqlConnection1.Close()

Catch

MessageBox.Show("Ой, возможно такой EMail или номер паспорта уже используется.")

Return

End Try

MessageBox.Show("Вы успешно зарегистрировались!")

Me.Close()

Else

MessageBox.Show("При регистрации возникло несколько ошибок. Просим Вас их исправить:" + vbNewLine + errs)

End If

End Sub

Private Sub RegForm\_FormClosing(sender As Object, e As FormClosingEventArgs) Handles MyBase.FormClosing

pForm.Show()

End Sub

End Class

Основная форма

Public Class MainForm

Public pForm As Form

Public userId As Integer

Public Sub New(pForm As Form, userId As Integer)

InitializeComponent()

Me.pForm = pForm

Me.userId = userId

UsersBindingSource.Filter = "ID = " + userId.ToString()

If (userId = My.Settings.Properties.Item("AdminUser").DefaultValue) Then

showAdminInterface()

End If

End Sub

Private Sub showAdminInterface()

ShowAdminSettings.Visible = True

End Sub

Private Sub init()

'TODO: This line of code loads data into the 'BankDataSet.Operations' table. You can move, or remove it, as needed.

Me.OperationsTableAdapter.Fill(Me.BankDataSet.Operations)

'TODO: This line of code loads data into the 'BankDataSet.Wallets' table. You can move, or remove it, as needed.

Me.WalletsTableAdapter.Fill(Me.BankDataSet.Wallets)

'TODO: This line of code loads data into the 'BankDataSet.Users' table. You can move, or remove it, as needed.

Me.UsersTableAdapter.Fill(Me.BankDataSet.Users)

HeaderLabel.Text = "Привет, " + CType(UsersBindingSource.Current, DataRowView)("Name").ToString()

If (WalletsGrid.RowCount > 0) Then

SplitContainer1.Panel2.Enabled = True

End If

End Sub

Private Sub MainForm\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

init()

End Sub

Private Sub MainForm\_FormClosing(sender As Object, e As FormClosingEventArgs) Handles MyBase.FormClosing

pForm.Show()

End Sub

Private Sub GiveMoney\_Click(sender As Object, e As EventArgs) Handles GiveMoney.Click

Dim openForm As MakeOperationForm = New MakeOperationForm(Me, Convert.ToInt32(GiveMoney.Tag.ToString()), "+", userId)

Me.Hide()

openForm.Show()

End Sub

Private Sub GetMoney\_Click(sender As Object, e As EventArgs) Handles GetMoney.Click

Dim openForm As MakeOperationForm = New MakeOperationForm(Me, Convert.ToInt32(GetMoney.Tag.ToString()), "-", userId, Convert.ToDecimal(WalletOperationsGroup.Tag))

Me.Hide()

openForm.Show()

End Sub

Private Sub MainForm\_VisibleChanged(sender As Object, e As EventArgs) Handles MyBase.VisibleChanged

init()

End Sub

Private Sub ExchangeMoney\_Click(sender As Object, e As EventArgs) Handles ExchangeMoney.Click

Dim openForm As ExchangeForm = New ExchangeForm(Me, -1, userId, Convert.ToDecimal(WalletOperationsGroup.Tag))

Me.Hide()

openForm.Show()

End Sub

Private Sub CreateWallet\_Click(sender As Object, e As EventArgs) Handles CreateWallet.Click

Dim openForm As CreateWalletForm = New CreateWalletForm(Me, userId)

Me.Hide()

openForm.Show()

End Sub

Private Sub ShowAdminSettings\_Click(sender As Object, e As EventArgs) Handles ShowAdminSettings.Click

Dim oForm As Form = New AdminForm(Me)

Me.Hide()

oForm.Show()

End Sub

End Class

Форма создания кошелька

Public Class CreateWalletForm

Private pForm As Form

Private userId As Integer

Public Sub New(pForm As Form, userId As Integer)

InitializeComponent()

Me.pForm = pForm

Me.userId = userId

End Sub

Private Sub CreateWallet\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

'TODO: This line of code loads data into the 'BankDataSet.Currencies' table. You can move, or remove it, as needed.

Me.CurrenciesTableAdapter.Fill(Me.BankDataSet.Currencies)

End Sub

Private Sub CreateWallet\_FormClosing(sender As Object, e As FormClosingEventArgs) Handles MyBase.FormClosing

pForm.Show()

End Sub

Private Sub CreateWallet\_Click(sender As Object, e As EventArgs) Handles CreateWallet.Click

Dim qRes As Integer = 0

Try

Dim sqlConnection1 As New SqlConnection(My.Settings.Properties.Item("BankConnectionString").DefaultValue)

Dim cmd As New SqlCommand

cmd.CommandText = "INSERT INTO Wallets VALUES(CAST('" + WalletName.Text + "' AS TEXT), CAST(" + WalletCurrency.SelectedValue.ToString() + " AS INT), CAST(" + userId.ToString() + " AS INT), 0)"

cmd.CommandType = CommandType.Text

cmd.Connection = sqlConnection1

sqlConnection1.Open()

qRes = Convert.ToInt32(cmd.ExecuteNonQuery().ToString())

sqlConnection1.Close()

Catch

MessageBox.Show("Ошибка соединения с базой данных.")

Return

End Try

MessageBox.Show("Кошелёк успешно создан!")

Me.Close()

End Sub

End Class