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Thread: [I Need Help Adding Data to SQL Database with VB.NET](#)

Effexion - April 26, 2018, 5:44 am

I have been following a tutorial on this and discovered he was doing a console app when I was a little late and had to adapt it a little to take values from my form. Here is my code. I can create a DB but it doesn't add any information. Thanks in advance:

```
Code Imports MySql.Data.MySqlClient
Imports System.Data.SQLite
```

```
Public Class frmAdd
```

```
Private Sub btnPhoto_Click(sender As Object, e As EventArgs) Handles btnPhoto.Click
```

```
    "Allow usr to choose image
    OpenFileDialog1.InitialDirectory = "C:/"
    OpenFileDialog1.Title = "Please choose a photo."
    OpenFileDialog1.Filter = "JPEG files (*.jpg)|*.jpg|GIF files (*.gif)|*.gif|All files (*.*)|*.*"
    OpenFileDialog1.ShowDialog()
```

```
    "Open image in picturebox
    PictureBox1.BackgroundImage = Image.FromFile(OpenFileDialog1.FileName)
```

```
End Sub
```

```
Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles btnAdd.Click
```

```
    Dim title As String = Trim(txtName.Text)
    Dim genus As String = Trim(txtGenus.Text)
    Dim species As String = Trim(txtSpecies.Text)
    Dim common As String = Trim(txtCommon.Text)
    Dim picture As Image = PictureBox1.BackgroundImage
```

```
    "Handles checkboxes. Probably won't use this way.
```

```
    Dim temper As String
```

```
    If chkDocile.Checked = True Then
```

```
        temper = "Docile"
```

```
    ElseIf chkAggressive.Checked = True Then
```

```
        temper = "Defensive"
```

```
    ElseIf chkMental.Checked = True Then
```

```
        temper = "Mental"
```

End If

"create database

```
Dim location As String = Environment.GetFolderPath(Environment.SpecialFolder.Desktop)
Dim fileName As String = "myDataBase.db"
Dim fullpath As String = System.IO.Path.Combine(location, fileName)
Dim connectionString As String = String.Format("Data Source = {0}", fullpath)
```

If Not duplicateDatabase(fullpath) Then

```
Dim createTable As String = "CREATE TABLE `Tarantulapp-DB` (  
    `Name` TEXT,  
    `Genus` TEXT,  
    `Species` TEXT,  
    `CommonName` TEXT,  
    `Temperament` TEXT,  
    `VenomPotency` TEXT,  
    `Sex` TEXT,  
    `LastMolt` DATE,  
    `LastFeed` DATE,  
    `LastHoming` DATE,  
    `AverageTemperature` INTEGER,  
    `AverageHumidity` INTEGER,  
    `Notes` TEXT  
);"
```

```
Using Sqlconn As New SQLiteConnection(connectionString)  
    Sqlconn.Open()  
    Dim cmd As New SQLiteCommand(createTable, Sqlconn)  
    cmd.ExecuteNonQuery()
```

End Using

End If

End Sub

Private Function duplicateDatabase(fullpath As String) As Boolean

```
Return System.IO.File.Exists(fullpath)
```

End Function

Public Function insertUsername(username As String, connectionString As String, title As String)

```
Using SQLconn As New MySqlConnection(connectionString)  
    Dim insertUserQuery As String = "INSERT INTO Tarantulapp-DB(Name) VALUES(title)"  
    Dim cmd As New SQLiteCommand(insertUserQuery)  
    cmd.Parameters.AddWithValue("title", Name)  
    SQLconn.Open()
```

```
cmd.ExecuteNonQuery()
```

```
End Using  
End Function
```

```
"Add to database
```

```
End Class
```