

## Re: Irritating INSERT INTO Error

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  - *Date:* 11 Feb 2007 14:45:51 -0800
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On Feb 12, 2:24 am, r...@xxxxxxxxxxxxxxxx wrote:

During registration, users are supposed to enter the following details: First Name, Last Name, EMail, UserName, Password, Confirm Password, Address, City, State, Country, Zip & Phone Number. I am using MS-Access 2000 database table for this app. Note that the datatype of all the fields mentioned above are Text. Apart from the above columns, there's another column in the DB table named 'RegDateTime' whose datatype is Date/Time which is populated with the date & time at which the user registered.

When a user submits these details, a ASPX function first checks whether the UserName entered by the user already exists or not in the DB table by comparing the UserName supplied by the user to the UserNames that already exist in the Access DB table. If the supplied UserName already exists, he is shown a message saying "UserName already exists. Please use a different UserName".

Assuming that the UserName supplied by the user does not exist in the Access DB table, the same ASPX function then checks whether the email supplied by the user already exists in the DB table or not. If the supplied email already exists, then he is shown a message saying "EMail ID already exists! Please use a different EMail ID".

If both the UserName & the EMail supplied by the user doesn't exist in the DB table, this ASPX function invokes another ASPX sub-routine which finally inserts this new record in the Access DB table. This is the sub-routine that inserts the new record in the DB table (nothing extraordinary.....it's the same usual thing that I have done a hundred thousand times in my life):

```
Public Sub AddRecord(ByVal FirstName1 As String, ByVal LastName1 As String, ByVal EMail1 As String, ByVal UserName1 As String, ByVal Password1 As String, ByVal Address1 As String, ByVal City1 As String, ByVal State1 As String, ByVal Country1 As String, ByVal Zip1 As String, ByVal Phone1 As String)
    Dim iUID As Integer
    Dim oledbCmd As OleDbCommand
```

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```
Dim oledbConn As OleDbConnection
Dim oledbReader As OleDbDataReader
```

```
oledbConn = New OleDbConnection("Provider=Microsoft.Jet.OLEDB.
4.0;Data Source=" & System.Web.HttpContext.Current.Server.MapPath("DB
\Users.mdb"))
```

```
oledbCmd = New OleDbCommand("INSERT INTO Users (FirstName,
LastName, EMail, UserName, Password, Address, City, State, Country,
Zip, Phone, RegDateTime) VALUES ('" & FirstName1 & "', '" & LastName1
& "', '" & EMail1 & "', '" & UserName1 & "', '" & Password1 & "', '" &
Address1 & "', '" & City1 & "', '" & State1 & "', '" & Country1 & "',
'" & Zip1 & "', '" & Phone1 & "', '" & DateTime.Now & "')", oledbConn)
```

```
'oledbCmd.CommandType = CommandType.Text
```

```
System.Web.HttpContext.Current.Response.Write("INSERT INTO Users
(FirstName, LastName, EMail, UserName, Password, Address, City, State,
Country, Zip, Phone, RegDateTime) VALUES ('" & FirstName1 & "', '" &
LastName1 & "', '" & EMail1 & "', '" & UserName1 & "', '" & Password1
& "', '" & Address1 & "', '" & City1 & "', '" & State1 & "', '" &
Country1 & "', '" & Zip1 & "', '" & Phone1 & "', '" & DateTime.Now &
'" & "<br>")
```

```
oledbConn.Open()
oledbReader = oledbCmd.ExecuteReader
'iUID = oledbCmd.ExecuteScalar
oledbConn.Close()
End Sub
```

When I try to insert records in the DB table, the following error gets generated:

```
System.Data.OleDb.OleDbException: Syntax error in INSERT INTO
statement.
```

which points to the ExecuteReader line shown in the above sub-routine. That's the reason why I have added the Response.Write line so as detect where's the syntax error in the INSERT INTO statement but I don't find any syntax error in the SQL query. I also tried replacing the single quotes around the 'RegDateTime' record with # (since it's datatype is Date/Time) but that doesn't make any difference. When I comment the last 4 lines in the above sub-routine, then one such Response.Write line generates the SQL query shown below:

```
INSERT INTO Users (FirstName, LastName, EMail, UserName, Password,
Address, City, State, Country, Zip, Phone, RegDateTime) VALUES
('Peter', 'North', 'pe...@xxxxxxxxxxx', 'peter', 'peter', 'Some
Address', 'Some City', 'Some State', 'Poland', '889775', '123456789',
'12/02/2007 2:33:03 AM')
```

## Re: Irritating INSERT INTO Error

When I copy & paste the above SQL output in a Query window in MS-Access, the above records get populated successfully but I am continuously getting the above error message when I try to execute the same SQL query through this ASP.NET app.

Can someone please point out where I could be going wrong?

It's driving me nuts since last 3 hours & I just can't seem to locate what's exactly causing the error!

After a few experiments I found that if I remove the column 'Password' & it's value from the INSERT statement, then the INSERT query works fine but I don't understand how does the 'Password' column or the 'Password' value entered by the user pose a problem!

The datatype of the 'Password' column in the Access DB table is 'Text' just like the datatype of the other columns. I am not even entering any special characters in the password nor am I exceeding the maximum length of the password which is set to 50 in the Access DB table.

In fact, the 'Allow Zero Length' property of the 'Password' column has been set to No; so how come Access is allowing zero length values in the 'Password' column?

Oh Gosh...Good Heavens...someone please come to my rescue else I might have to get myself admitted in a mental asylum soon!

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