

## FORM LOGIN AND SIGNUP BASED ON DATABASE WITH DELPHI 7

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### Abstract

Adding the sign up form on the login form needs to create a database first as a data storage member / member who will later register and also need to add at least 2 additional forms 1 to the member registration form and the other to the confirmation form.

You need to add one more label that serves as a link to the member registration menu that we will create later. How to make it click on the standard tab> label (StdCtrls) then on the properties tab, change the text for example "click here to register".

Keywords: login form and database-based signup

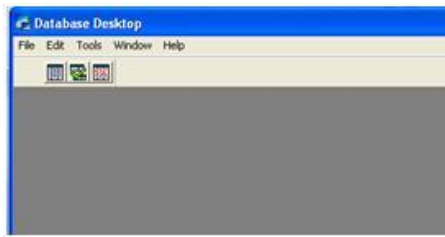
### A. INTRODUCTION

The 1st material discusses about creating a login form and database-based signup with Delphi 7



You need to add one more label that serves as a link to the member registration menu that we will create later. How to make it click on the standard tab> label (StdCtrls) then on the properties tab, change the text for example "click here to register". For database member creation, here are the steps:

1. Start> all programs> Borland Delphi 7> desktop database up to the display appears as follows:



2. Then create a new table by clicking file> New> table if appears press confirmation display ok
3. After that, fill in the field name as follows:



4. After that save with the user name Now, just fill in the database that was created earlier. Following are the steps to fill it:

1. Open the desktop database display, click file> open> table then look for the database that was created.
2. After that click on the edit tab data and enter fill in the data until like the following picture:



The reader just needs to create an alias from the database that

the reader just created earlier. The way is as follows:

1. Open the database that the reader has created earlier by clicking file> open> table.
2. After that click on the Tools> alias manager tab until the display appears like the following picture:



3. Click the new tab and create a new alias database with the name "user" then click the New keep tab and press ok.

Now it has succeeded in creating a new database along with its database alias ..

To create a member registration form, here are the steps:

1. Open the Delphi application, then look for the sign in form that was created.

2. After that, create a new form with a register name, then place 4 DBEdit components, 4 labels and 2 buttons, and don't forget, put 1 component table on the BDE Tab and data source component on the Data access tab. After that, change each caption from the components until it looks like the following picture:



Set Table Component Properties:

- Changed Table Component Properties:

Name: Tdfr

DatabaseName : user

TableName : user.db

Active : True

- Modified Component Data Source property:

Dataset : Tdfr

Name: DataSource1

Then the DBEdit component sets the property as follows:

DataSource: DataSource1

DataField: set according to the order labeled above.

After that click 2x on the list button then paste the following code:

Tdfr Append; request a new record  
Btambah.Enabled = true; // active button

Bbatal.Enabled: true; end;

Then click 2x on the cancel button and paste the following code:

Begin

Tdfr.Cancel;

Add.enabled: = true; // button is active

Bbatal.enabled: = false;

End;

Now go back to the login form, create a new form again, change the name of the form with "msg" then save with the name msg too, edit the display form as shown below



This form will appear when the user / member input the user name and password correctly

Finally return to the login form, then paste 1 component table and change the properties as follows:

- Changed table component properties:

Name: Tdfr

DatabaseName: user

TabName: user.db

Active: True

After that click on the login button, and paste the following code:

If(Enama.Text=Tdfr.Fields[0].AsString) then

Begin

MessageDlg('Maaf user name atau password salah',MTWarning,[MBOK],0;

Exit;

End;

Fmsg.Show

End;

for the code on the cancel button, you can just copy the code on the cancel button on the registration form above, because the function is the same.

### B. CONCLUSION

The conclusion of this material is the database-based login form and signup can be created with Delphi 7, Delphi 7 is one of the visual-based programming software used to create application programs on the computer. One of them is to create a database-based login and signup form using Delphi 7. Delphi 7 is also very helpful in creating this login form and signup.

### C. ACKNOWLEDGEMENT

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