

Lab 7 : Registration

Create database

1. Create a database “myDB”.
2. Create table “Users” which contains following attributes :
 - a. ID → primary key
 - b. Username
 - c. Password
 - d. Email
 - e. Country
3. Insert records into the table and save it.

Create Register.aspx page

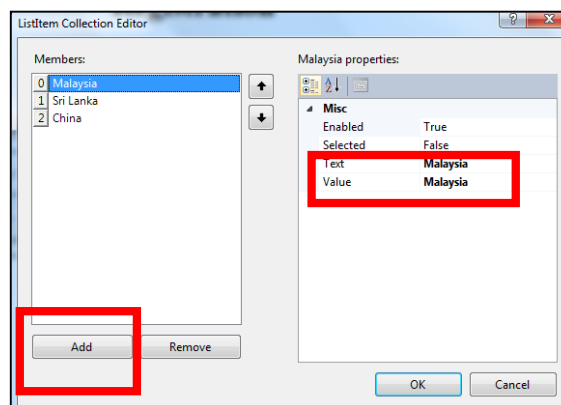
1. Add a new form “Register.aspx and add the controls as following :

The screenshot shows a registration form with the following controls and labels:

- txtUsername: Points to the Username text input field.
- txtPassword: Points to the Password text input field.
- txtEmail: Points to the Email text input field.
- ddlCountry: Points to the Country dropdown menu.

The form also includes 'Register' and 'Reset' buttons.

2. Select ddlCountry, click Edit Items in the Smart Tag menu. Click Add and enter the countries in the component of Text and Value as follow:



3. Open the Data section of the toolbox and drag a **SqlDataSource** control over to the page.
4. Click Configure Data Source in the Smart Tag menu. In the Configure Data Source Wizard, choose the database “**myDB**”. Click next and name the connection string as “**myConnectionString**”.
5. Click Next in the Configure Data Source Wizard. The page that opens allows you to choose the table.
6. Select the “**Users**” table and click the * in the Columns.
7. Click Next to test out the query. You will see a table that shows the rows from the table.
8. Double click the **Register** button and enter the following statements.

```
protected void Button1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["myConnectionString"].ConnectionString);
    try
    {
        con.Open();
        string query = "select count(*) from Users where Username='" + txtUsername.Text + "'";
        SqlCommand cmd = new SqlCommand(query, con);
        int check = Convert.ToInt32(cmd.ExecuteScalar().ToString());
        if (check > 0)
        {
            Response.Write("Username already exist.");
        }
        else
        {
            string query1 = "insert into Users (Username, Password, Email,Country) values (@uname,@pword,@email,@country) ";
            SqlCommand cmd1 = new SqlCommand(query1, con);
            cmd1.Parameters.AddWithValue("@uname", txtUsername.Text);
            cmd1.Parameters.AddWithValue("@pword", txtPassword.Text);
            cmd1.Parameters.AddWithValue("@email", txtEmail.Text);
            cmd1.Parameters.AddWithValue("@country", ddlCountry.SelectedItem.ToString());
            cmd1.ExecuteNonQuery();
            Response.Redirect("Login.aspx");
        }
        con.Close();
    }
    catch (Exception ex)
    {
        Response.Write("Error: " + ex.ToString());
    }
}
```

9. Open this page in the Web browser and test it.