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using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Configuration;
using System.Data.SqlClient;

public partial class Forgotpass : System.Web.UI.Page
{
    SqlConnection con = new
SqlConnection(ConfigurationManager.ConnectionStrings["teststring"]
.ConnectionString);
    SqlCommand command;
    SqlDataReader reader;
    String SecurityQus;
    String Username;

    protected void Page_Load(object sender, EventArgs e)
    {
        lblusername.Visible = false;
        lblwrongans.Visible = false;
    }

    protected void TextBox1_TextChanged(object sender, EventArgs
e)
    {
        SecurityQus = "Select SecurityQuestion from tblUserDetails
where username='" + txtForgetUser.Text.Trim() + "'";
        lblForgetMessage.Text = "";
        try
        {
            con.Open();
            command = new SqlCommand(SecurityQus, con);
            reader = command.ExecuteReader();
            if (reader.HasRows)
            {
                while (reader.Read())
                {
                    txtSecurityQus.Text =
reader["SecurityQuestion"].ToString();
                }
            }
        }
    }
}

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        else {
            lblusername.Visible = true;
            lblusername.Text = "Invalid User.";
            txtSecurityQus.Text = "";
        }

    }

    catch (NullReferenceException exe)
    {
        lblForgetMessage.Text = exe.ToString();
    }

    catch (Exception ex)
    {
        lblForgetMessage.Text = ex.ToString();
    }

    finally
    {
        reader.Close();
        con.Close();
    }

}

protected void txtSecurityAns_TextChanged(object sender,
EventArgs e)
{
    string YourAns = txtSecurityAns.Text.Trim();
    string Recover = "Select * from tblUserDetails where
username='" + txtForgetUser.Text + "'";
    try
    {
        con.Open();
        command = new SqlCommand(Recover, con);
        reader = command.ExecuteReader();
        while (reader.Read())
        {
            string DBAnswer =
reader["SecurityAnswer"].ToString().Trim();

            if (DBAnswer.Equals(YourAns))
            {
                Username = reader["Username"].ToString();
            }
        }
    }
}

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        // Response.Redirect("Skilltest.aspx");
        txtNewpassword.Enabled = true;
        txtConfirmpassword.Enabled = true;

    }
    else
    {

        lblwrongans.Visible = true;
        lblwrongans.Text = "Wrong answer";
        txtNewpassword.Enabled = false;
        txtConfirmpassword.Enabled = false;
    }
}
}
catch (NullReferenceException exe)
{
    lblForgetMessage.Text = exe.ToString();
}
catch (Exception ex)
{
    lblForgetMessage.Text = ex.ToString();
}

finally
{
    reader.Close();
    con.Close();
}
}

protected void imgChangePass_Click(object sender,
ImageClickEventArgs e)
{
    String update = "Update tblUserDetails set Password ='" +
txtNewpassword.Text.Trim() + "' where UserName = '" +Username+
"'";
    try
    {
        con.Open();
        command = new SqlCommand(update, con);
        command.ExecuteNonQuery();

        ClearText();
    }
}

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        lblForgetMessage.Text = "New password set  
successfully."+"<br/><a href='Home.aspx'>Click here</a> to login  
";
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    }  
    catch (Exception exe)  
    {  
        lblForgetMessage.Text = "Error" + exe;  
    }  
    finally  
    {  
        con.Close();  
    }  
}  
public void ClearText() {  
    txtConfirmpassword.Text = "";  
    txtNewpassword.Text = "";  
    txtSecurityAns.Text = "";  
    txtSecurityQus.Text = "";  
}  
}
```