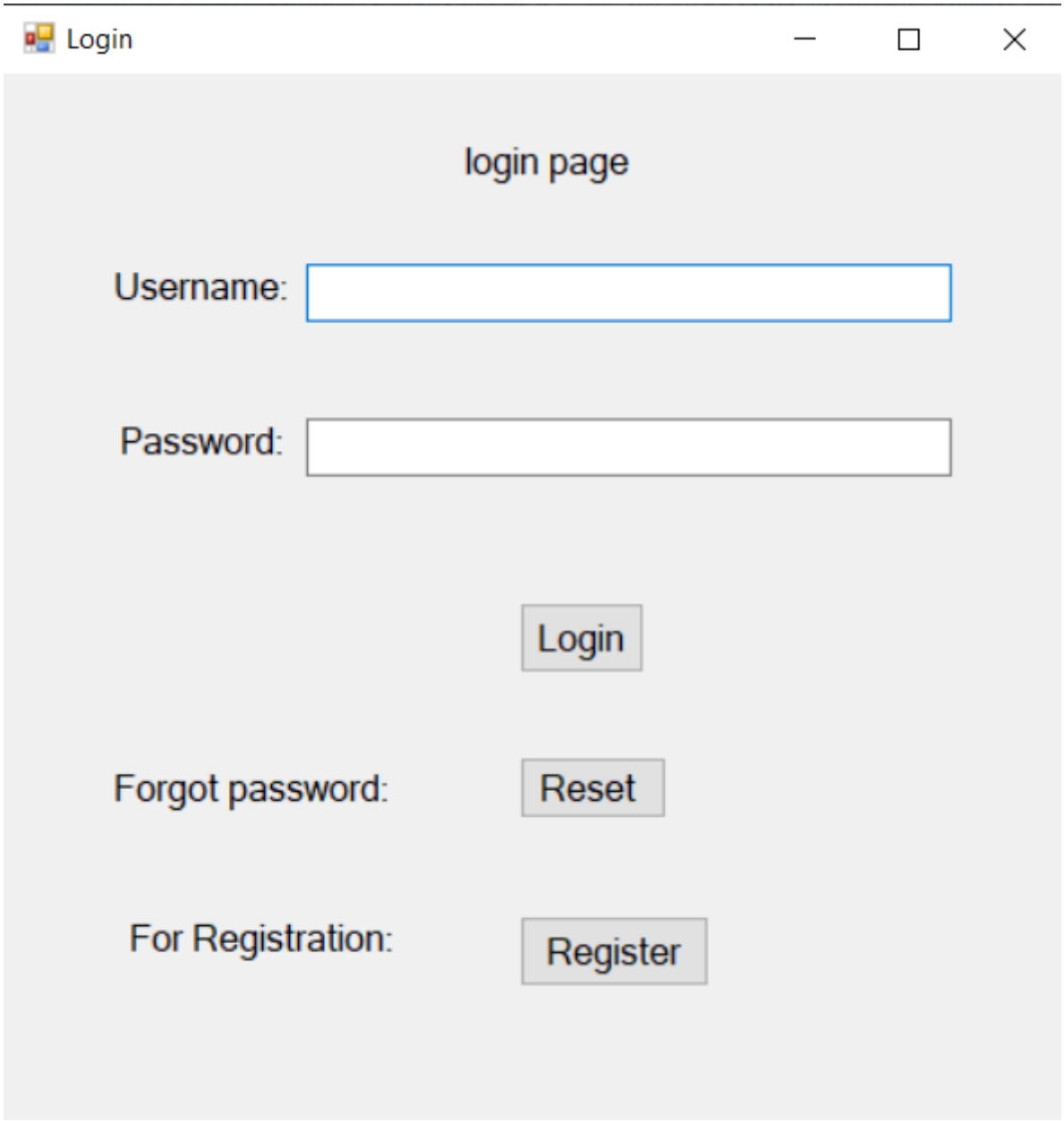
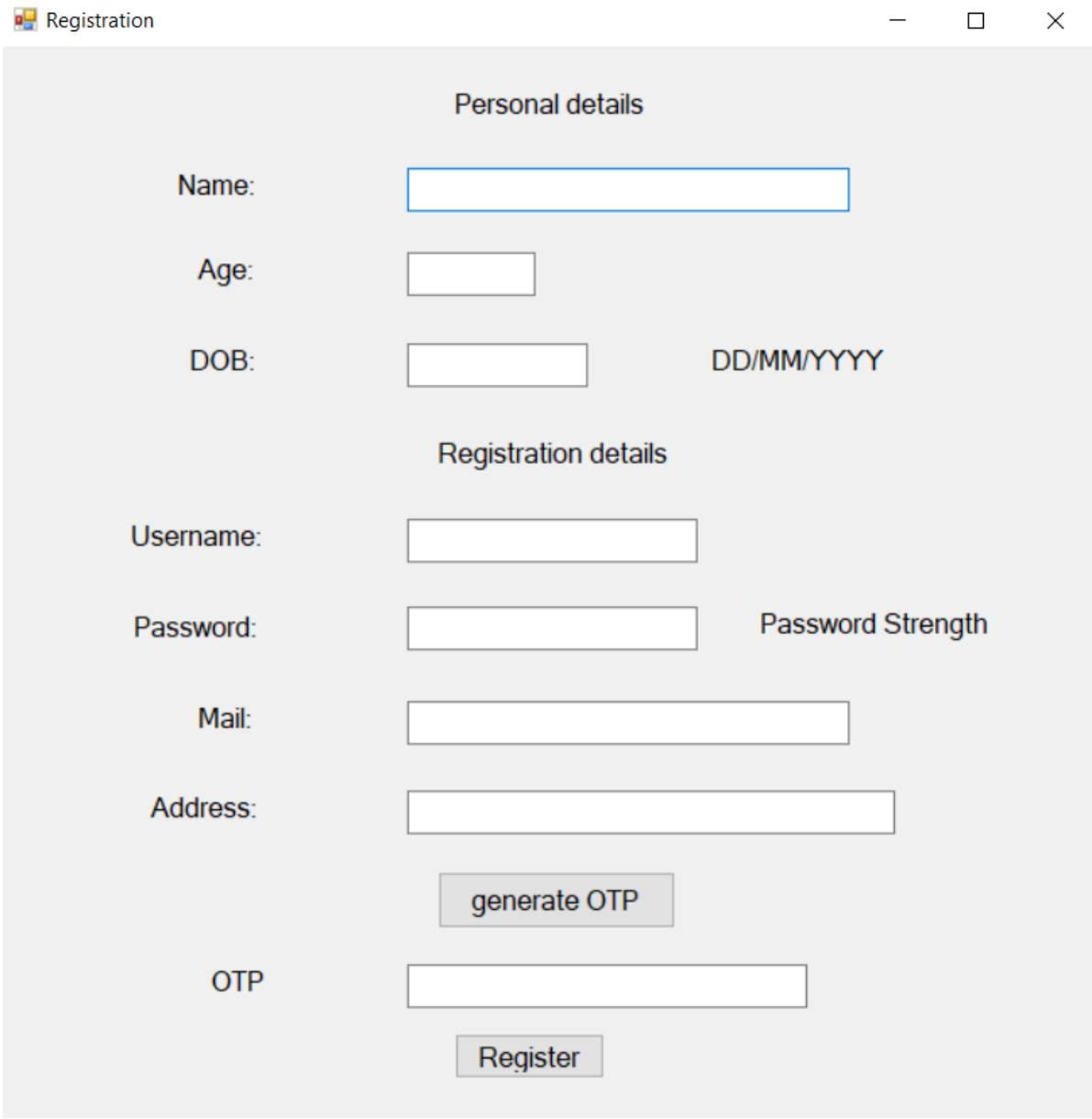



```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace Login
{
    public partial class log : Form
    {
        public string pswrd, uid;
        public log()
        {
            InitializeComponent();
        }
```

```
        private void Form1_Load(object sender, EventArgs e)
        {
        }
        private void mail_TextChanged(object sender, EventArgs e)
        {
        }
        private void login_Click(object sender, EventArgs e)
        {
            try
            {
                var sr = new System.IO.StreamReader("D:\\project" +
textBox4.Text + "\\log.DI");
                uid = sr.ReadLine();
                pswrd = sr.ReadLine();
                sr.Close();
                if (uid== textBox4.Text && pswrd == password.Text)
                {
                    MessageBox.Show("you are logged in"," success");
                }
                else
                {
                    MessageBox.Show("your password or username is incorrect","
incorrect");
                }
            }
            catch(System.IO.DirectoryNotFoundException ex)
            {
                MessageBox.Show("user Dosent exist "," Error");
            }
        }
        private void label4_Click(object sender, EventArgs e)
        {
        }
        private void Register_Click(object sender, EventArgs e)
        {
            Registration reg = new Registration();
            reg.Show();
            log f = new log();
            f.Hide();
        }
        private void reset_Click(object sender, EventArgs e)
        {
            reset_password reset = new reset_password();
            reset.Show();
        }
        private void Register_FontChanged(object sender, EventArgs e)
        {
        }
        private void label5_Click(object sender, EventArgs e)
        {
        }
    }
}
```

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Text.RegularExpressions;
using System.Net;
using System.Net.Mail;

namespace Login
{
    class reg_and_login
    {
        public  bool  age(int a)
        {
            bool ag = false;
            if (a > 60 || a < 18)
            {
              System.Windows.Forms.MessageBox.Show("INVALID AGE");
                ag = false;
            }
            else {ag = true;}
            return ag;
        }
        public bool DOB(string a)
        {
            bool q = false;
            DateTime dDate;
        if (DateTime.TryParse(a, out dDate))
        {
            q = true;
            string.Format("{0:d/MM/YYYY}", dDate);
        }
        else { System.Windows.Forms.MessageBox.Show("Invalid Date"); }
        return q;
        }

        public  bool password(string a)
        {    bool b = false;
          int d=0;
            foreach ( char c in a)
            {
             if ((int)c>=33 && (int)c <= 64)
             {
                //b= true;
                 d += 1;
             }
             }
            if (d >= 3)
            { b = true; }
            return b;
           }

        public string mailcheck(string email)
        {
```

```
            string l;
         Regex regex = new Regex(@"^([a-zA-Z0-9_\-\.]+)@((\[[0-9]{1,3}\.[0-
         9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})
(\]?)$",
         RegexOptions.CultureInvariant | RegexOptions.Singleline);
            // Console.WriteLine($"The email is {email}");
         bool isValidEmail = regex.IsMatch(email);
         if (!isValidEmail){
            //Console.WriteLine($"The email is invalid");
             l = "invalid";
         } else { l = "positive";
           // Console.WriteLine($"The email is valid");
         }
         return l;

        }
        public bool mailcheck2(string mail)
        {
            bool a = false;
            if (mail.Contains("@gmail.com") == true)
            {
                a = true;
            }
            else
            {
                a = false;
                System.Windows.Forms.MessageBox.Show("Enter A Valid Mail");
            }
            return a;

        }
        public int get_age(string dob)
        {
            DateTime w = Convert.ToDateTime(dob);
            int age = 0;
            age = DateTime.Now.Subtract(w).Days;
            age = age / 365;
            return age;
        }

        public int Otp()
        {
            Random num = new Random();
            int number = num.Next(100000, 99999);
            return number;
        }
    }
}
```

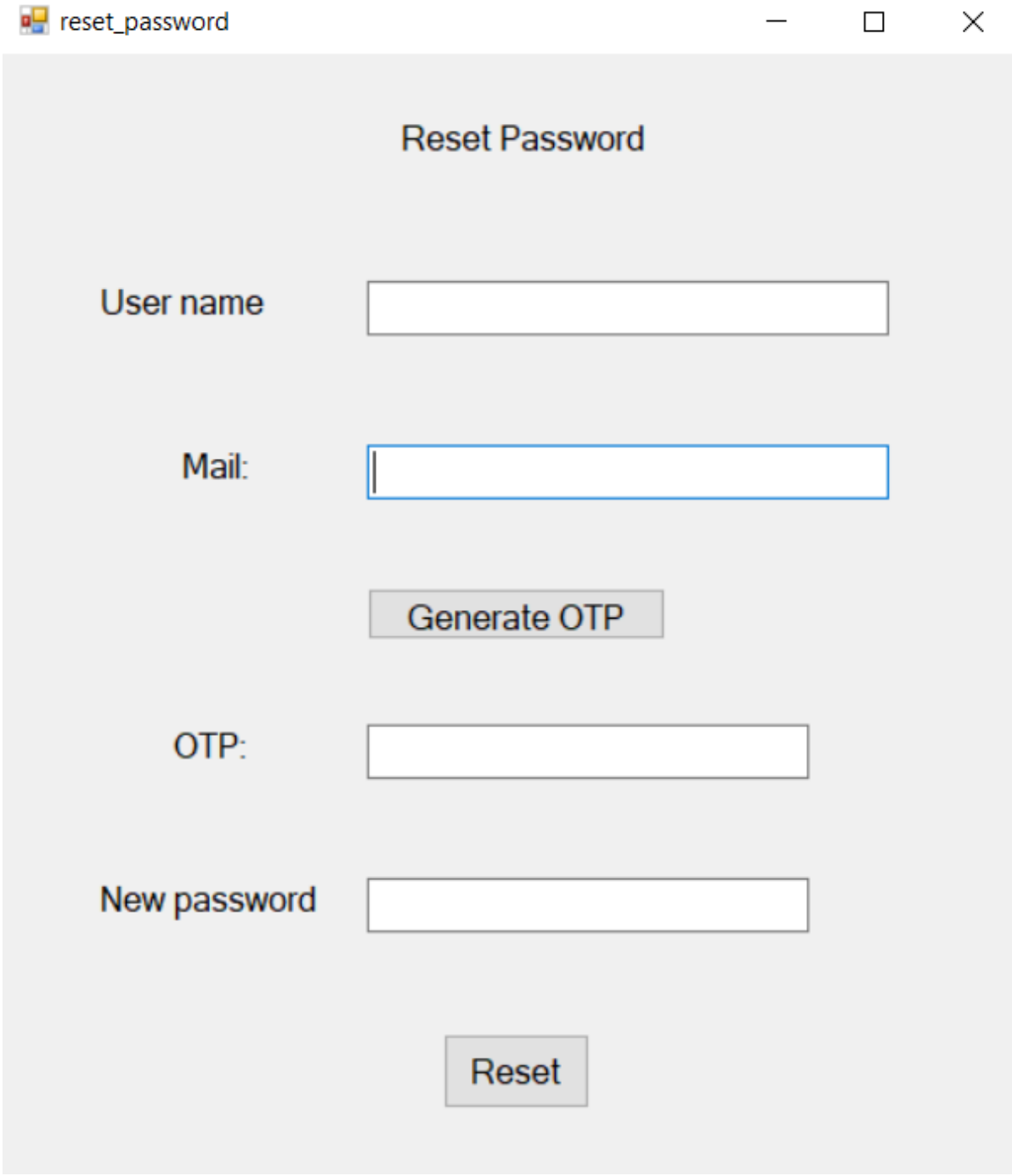



```
using System;
using System.IO;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
 using System.Net;
using System.Net.Mail;

namespace Login
{
    public partial class Registration : Form
    {
        reg_and_login ral = new reg_and_login();
        public Registration()
        {
            InitializeComponent();
        }
```

```
        private void textBox1_TextChanged(object sender, EventArgs e)
        {
            textBox1.MaxLength = 15;
        }
        private void Registration_Load(object sender, EventArgs e)
        {
        }
        private void label5_Click(object sender, EventArgs e)
        {
        }
        private void label7_Click(object sender, EventArgs e)
        {
        }
        Random rand = new Random();
         int ott;
        private void Register_Click(object sender, EventArgs e)
        {   int ak;
            string l,dob;
            dob = (string)textBox3.Text;
            bool q =ral.DOB(dob);
            if (q == true)
              { ak = ral.get_age(dob);
                  try
                         { l= (string)textBox6.Text;
                          ak  = Convert.ToInt16(textBox2.Text);
                          }
                   catch (FormatException)
                          {
                              MessageBox.Show("invalid input " +
"Registration");
                              this.Close();
                            }
                     l = (string)textBox6.Text;
                     ak = Convert.ToInt16(textBox2.Text);
                      bool al= ral.age(ak);
                      bool mail = ral.mailcheck2(l);
                      if (al == false)
                         {
                              textBox2.Clear();
                              textBox2.Text = String.Empty;
                                MessageBox.Show("age not valid");
                             }
                       else{
                              if (mail == false)
                              {
                                textBox6.Clear();
                                textBox6.Text = String.Empty;
                                 MessageBox.Show("Mail not valid");
                              }
                              else
                             {
                                   ott = rand.Next(10000, 99999);
                                   MessageBox.Show(ott.ToString());
                                  try
            {
```

```
                MailMessage msg = new MailMessage();
                msg.From = new MailAddress("shabith.2k01@gmail.com");
                msg.To.Add(textBox6.Text);
                msg.Subject = "otp verification";
                msg.Body = ott.ToString();

                SmtpClient smt = new SmtpClient();
                smt.Host = "smtp.gmail.com";
                System.Net.NetworkCredential ntcd = new NetworkCredential();
                ntcd.UserName = "shabith.2k01@gmail.com";
                ntcd.Password = "betbqvjysrsbrvrf";
                smt.Credentials = ntcd;
                smt.EnableSsl = true;
                smt.Port = 587;
                smt.Send(msg);
                MessageBox.Show("OTP sent successfully");
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
                            }
                        }
                }else
                {MessageBox.Show("Enter proper DOB");textBox3.Text =
String.Empty;
                }
        }
        private void textBox4_TextChanged(object sender, EventArgs e)
        {
        }
        private void textBox5_TextChanged(object sender, EventArgs e)
        {
            if (((TextBox)sender).Text.Length < 3) { label8.Text = " very weak";
}
            else if (((TextBox)sender).Text.Length < 6) { label8.Text = "weak";
}
            else if  (((TextBox)sender).Text.Length > 6) { label8.Text =
"strong"; }
        }
        private void textBox2_TextChanged(object sender, EventArgs e)
        {
        }
        private void label8_Click(object sender, EventArgs e)
        {
        }
        private void label2_Click(object sender, EventArgs e)
        {
        }
        private void textBox6_TextChanged(object sender, EventArgs e)
        {
        }
        private void textBox3_TextChanged(object sender, EventArgs e)
        {
        }
```

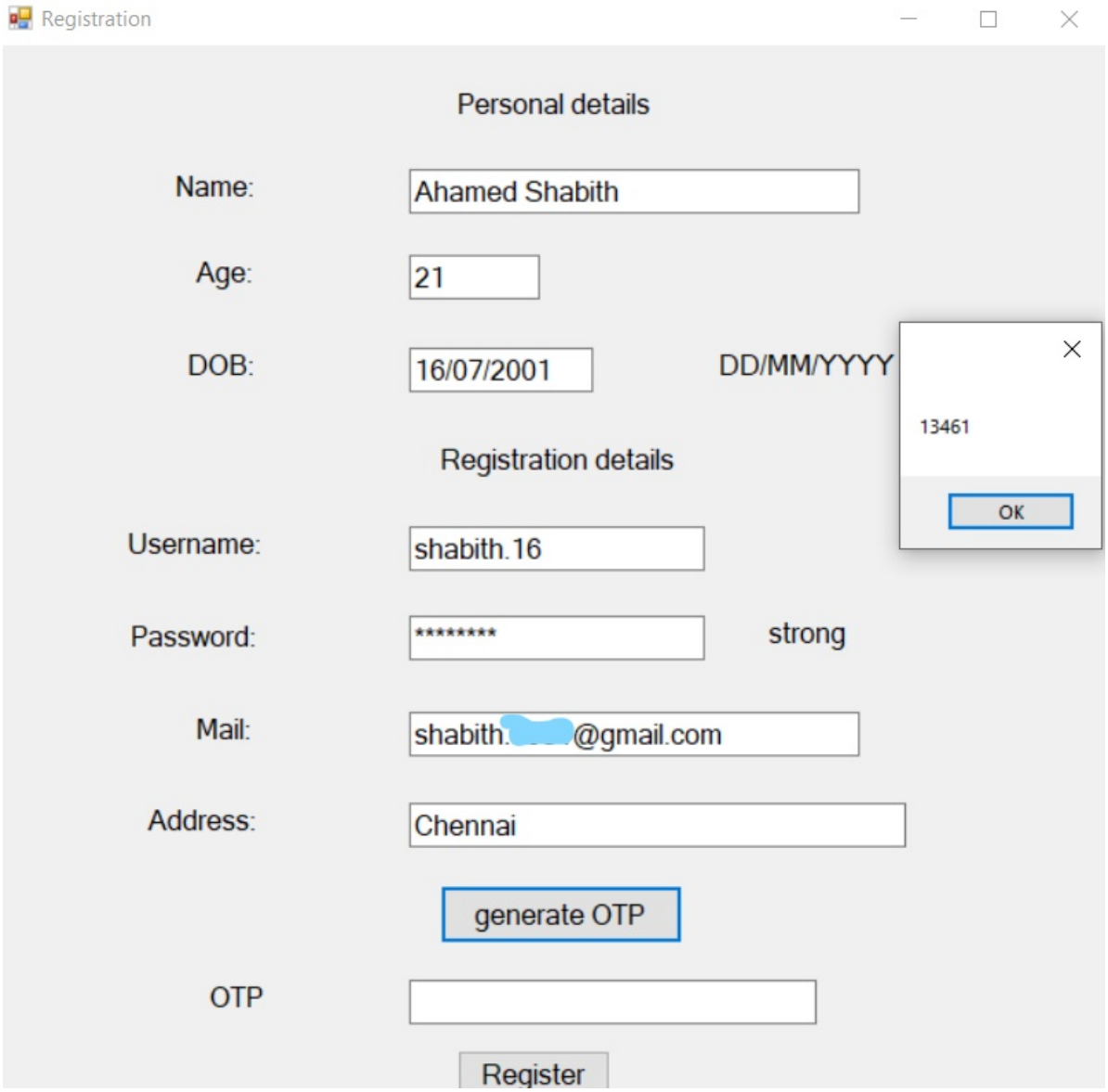
```
        private void button1_Click(object sender, EventArgs e)
        {
            if( ott.ToString() .Equals(textBox8.Text))
            {
             try
                {
                var sw = new System.IO.StreamWriter("D:\\project" +
textBox4.Text + "\\log.DI");
                sw.Write(textBox4.Text + "\n" + textBox5.Text + "\n" +
textBox1.Text + "\n" + textBox2.Text + "\n" + textBox3.Text + "\n" +
textBox6.Text + "\n" + textBox7.Text);
                sw.Close();

                 }
                  catch (System.IO.DirectoryNotFoundException)
                  {
                       System.IO.Directory.CreateDirectory("D:\\project" +
textBox4.Text);
                         var sw = new System.IO.StreamWriter("D:\\project" +
textBox4.Text + "\\log.DI");
                         sw.Write(textBox4.Text + "\n" + textBox5.Text + "\n" +
textBox1.Text + "\n" + textBox2.Text + "\n" + textBox3.Text + "\n" +
textBox6.Text + "\n" + textBox7.Text);
                         sw.Close();
            }
                MessageBox.Show("successfully registered");
                this.Close();
            }
            else
            {MessageBox.Show("OTP incorrect");}
        }
        private void textBox8_TextChanged(object sender, EventArgs e)
        {
        }
    }
}
```

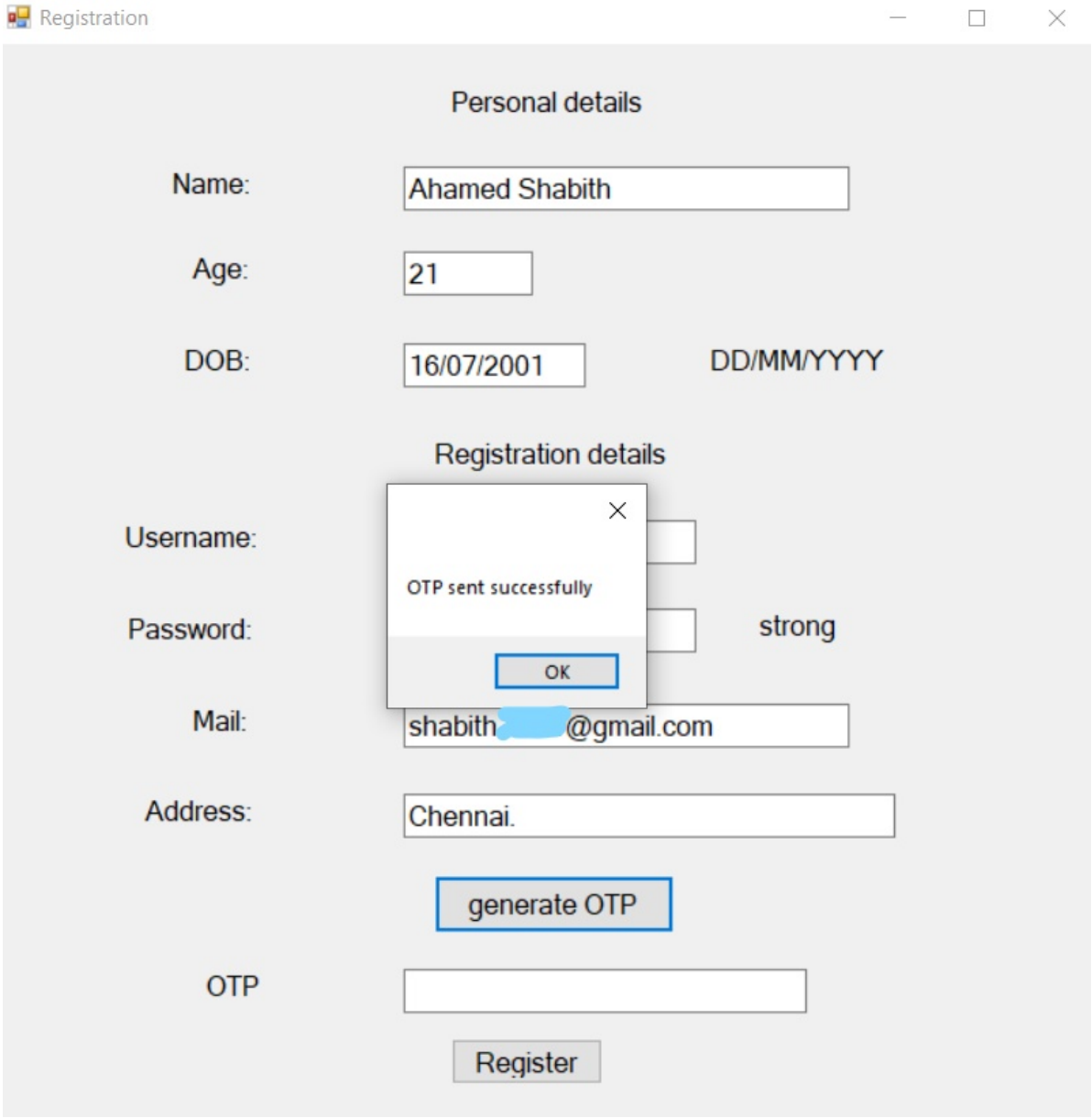


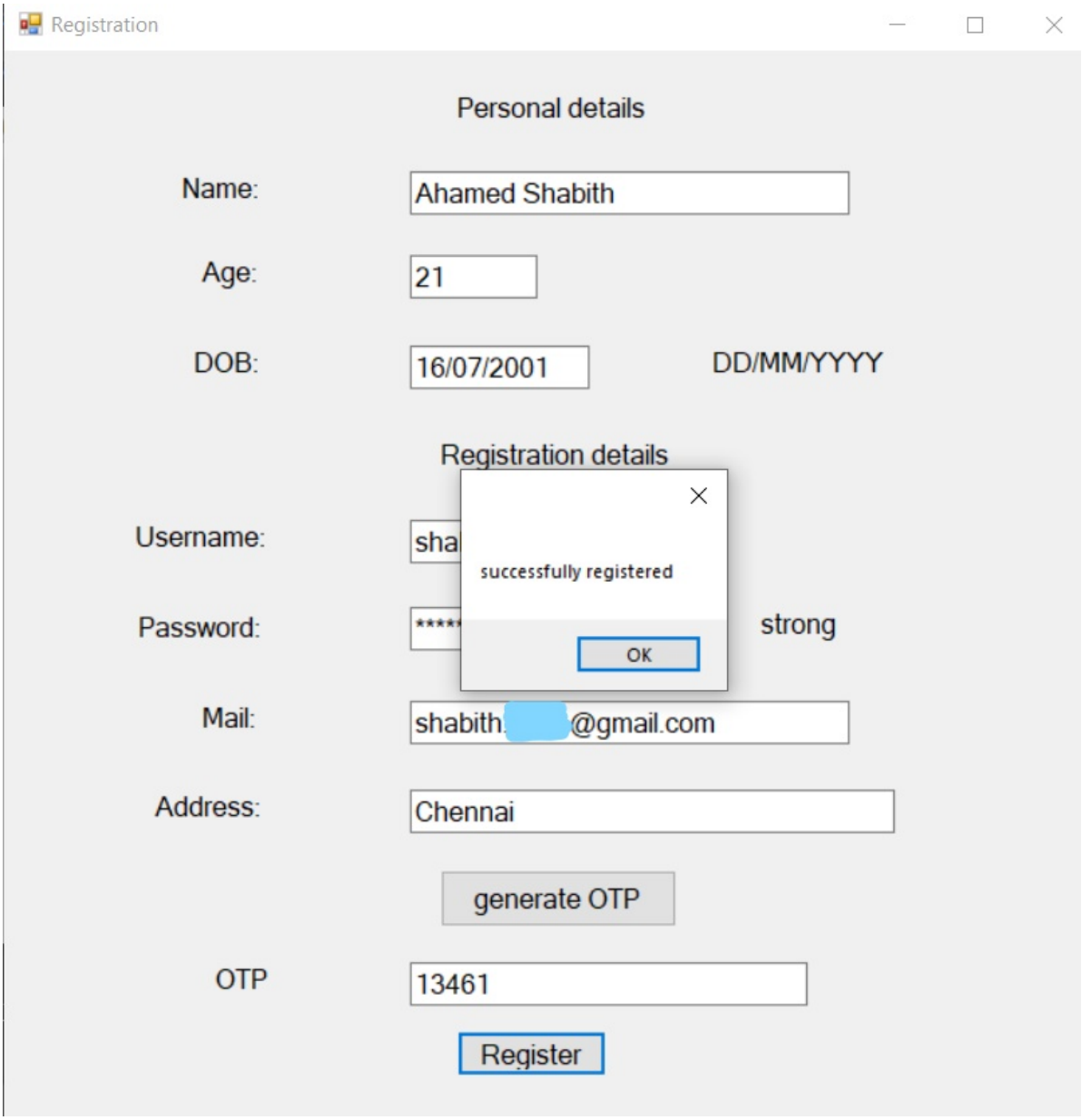

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.IO;
using System.Net;
using System.Net.Mail;

namespace Login
{
    public partial class reset_password : Form
    {
```

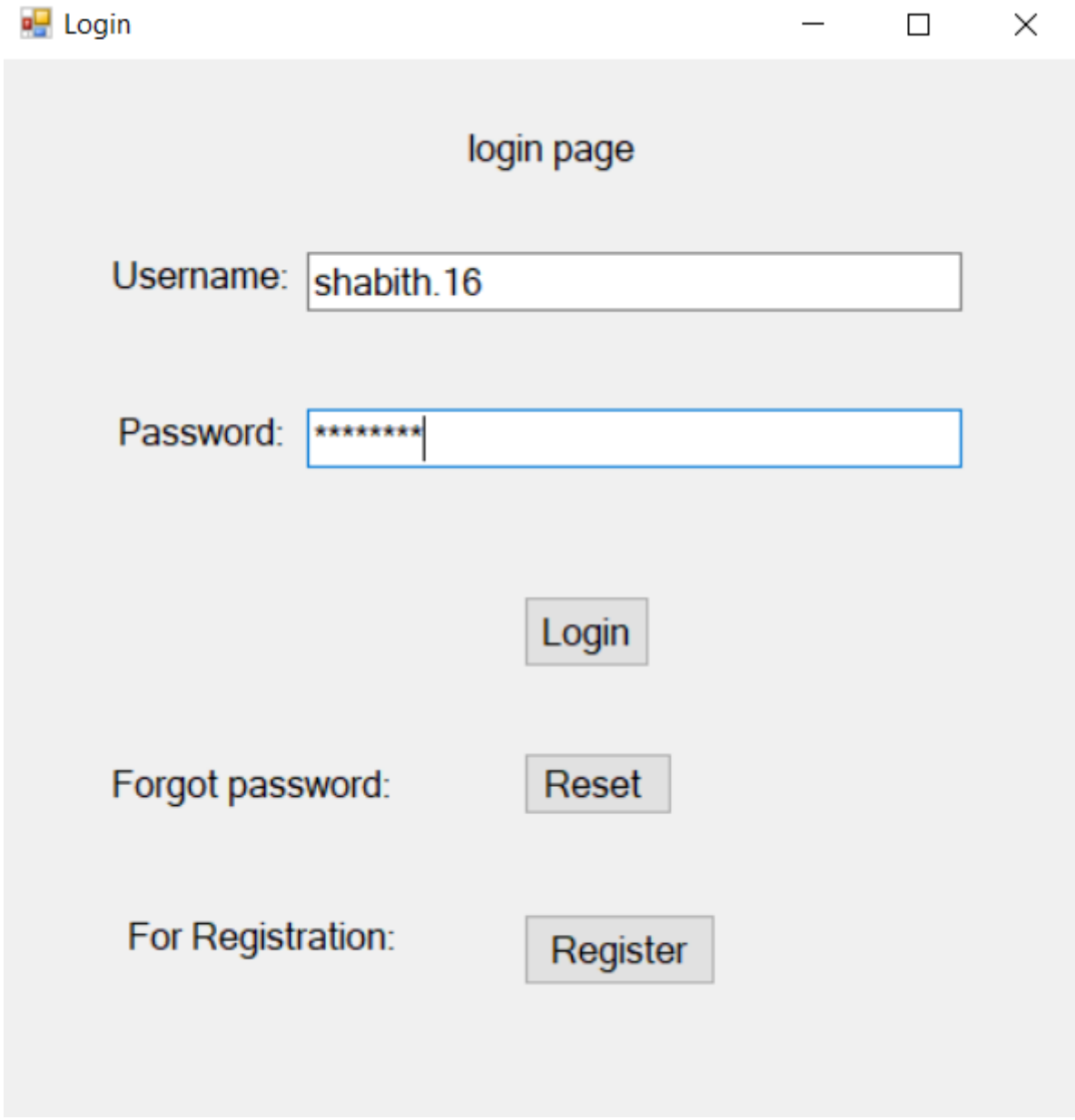
```
        reg_and_login reg = new reg_and_login();
        int OTP=0;
        string code;
        public reset_password()
        {
            InitializeComponent();
        }
        private void verify_Click(object sender, EventArgs e)
        {
            if (ott.ToString().Equals(otp.Text))
            {
                try
                {
                    var sr = new System.IO.StreamReader("D:\\project" +
textBox1.Text + "\\log.DI");
                    string ui = sr.ReadLine();
                    string pw = sr.ReadLine();
                    string name = sr.ReadLine();
                    string age = sr.ReadLine();
                    string dob = sr.ReadLine();
                    string gmail = sr.ReadLine();
                    string add = sr.ReadLine();
                    var sw = new System.IO.StreamWriter("D:\\project" +
textBox1.Text + "\\log.DI");
                    sw.Write(ui + "\n" + textBox2.Text + "\n" + name + "\n" +
age + "\n" + dob + "\n" + gmail + "\n" + add);
                    sw.Close();
                }
                catch (Exception)
                {
                }this.Close();
                    MessageBox.Show("Password changed successfully");
            }
            else { MessageBox.Show("OTP incorrect"); }
        }
        private void label2_Click(object sender, EventArgs e)
        {
        }
        private void label1_Click(object sender, EventArgs e)
        {
        }
        Random rand = new Random();
        int ott;
        private void button1_Click(object sender, EventArgs e)
        {
            ott = rand.Next(10000, 99999);
            MessageBox.Show(ott.ToString());
            try
            {
                MailMessage msg = new MailMessage();
                msg.From = new MailAddress("shabith.2k01@gmail.com");
                msg.To.Add(mail2.Text);
                msg.Subject = "otp verification";
                msg.Body = ott.ToString();
```

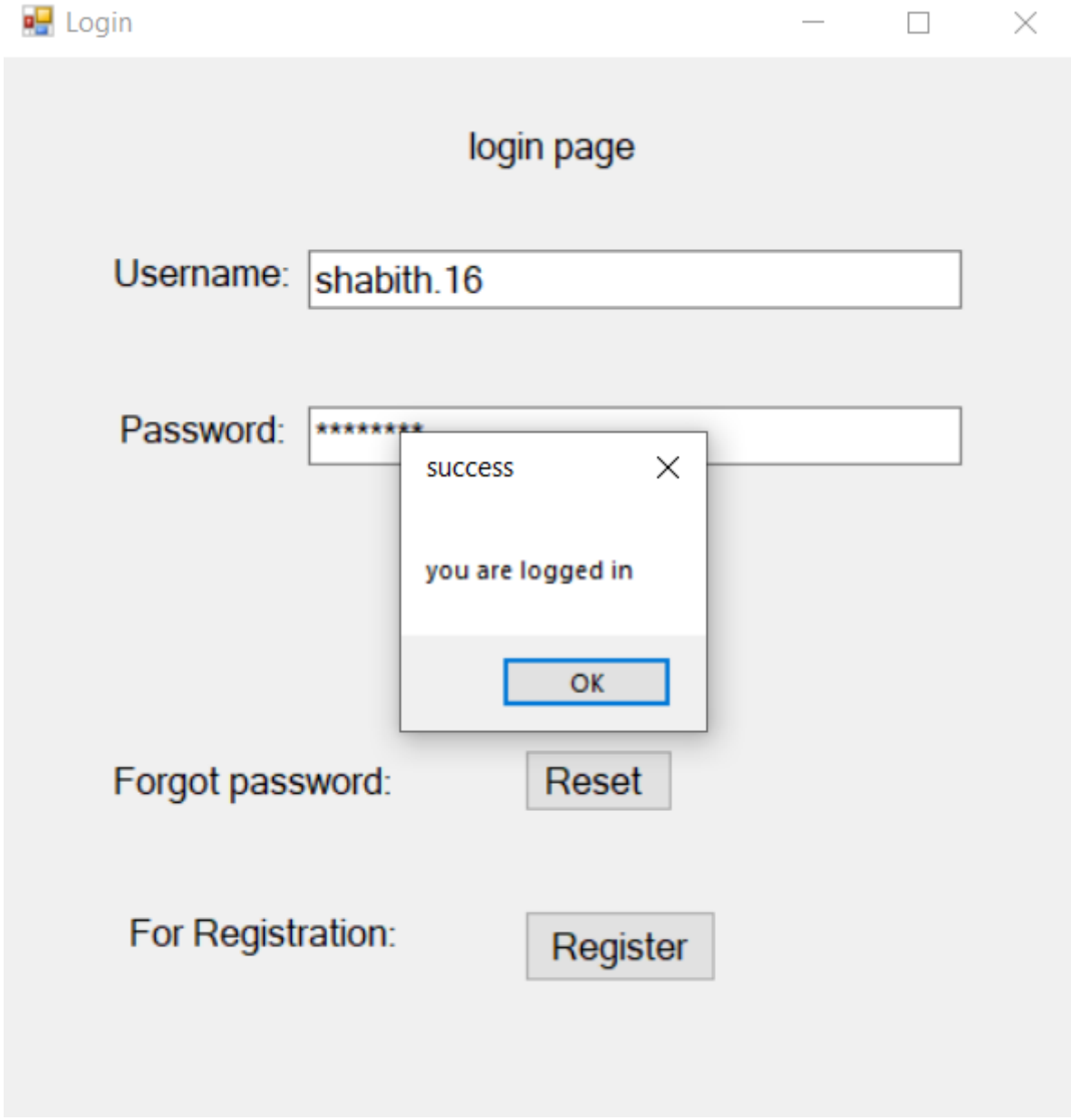
```
                SmtpClient smt = new SmtpClient();
                smt.Host = "smtp.gmail.com";
                System.Net.NetworkCredential ntcd = new NetworkCredential();
                ntcd.UserName = "shabith.2k01@gmail.com";
                ntcd.Password = "betbqvjysrsbrvrf";
                smt.Credentials = ntcd;
                smt.EnableSsl = true;
                smt.Port = 587;
                smt.Send(msg);

                MessageBox.Show("OTP sent to your mail");
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
        private void mail2_TextChanged(object sender, EventArgs e)
        {
        }
        private void otp_TextChanged(object sender, EventArgs e)
        {
        }
        private void textBox1_TextChanged(object sender, EventArgs e)
        {
        }
        private void textBox2_TextChanged(object sender, EventArgs e)
        {
        }
    }
}
```

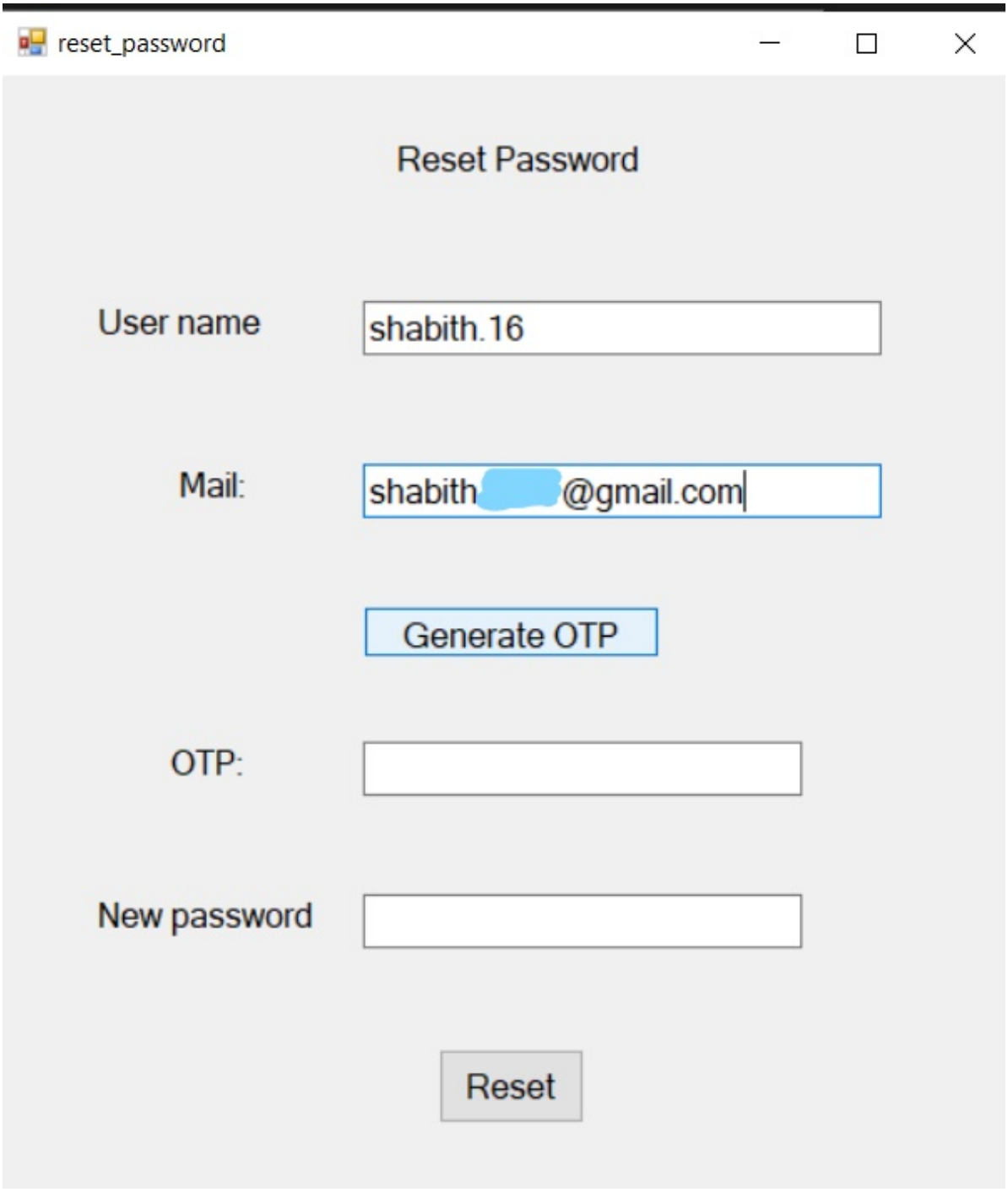

Registration
Personal details
Name:
Ahamed Shabith
Age:
21
DOB:
16/07/2001
DD/MM/YYYY
13461
OK
Registration details
Username:
shabith.16
Password:
****
strong
Mail:
shabith.[redacted]@gmail.com
Address:
Chennai
generate OTP
OTP
Register

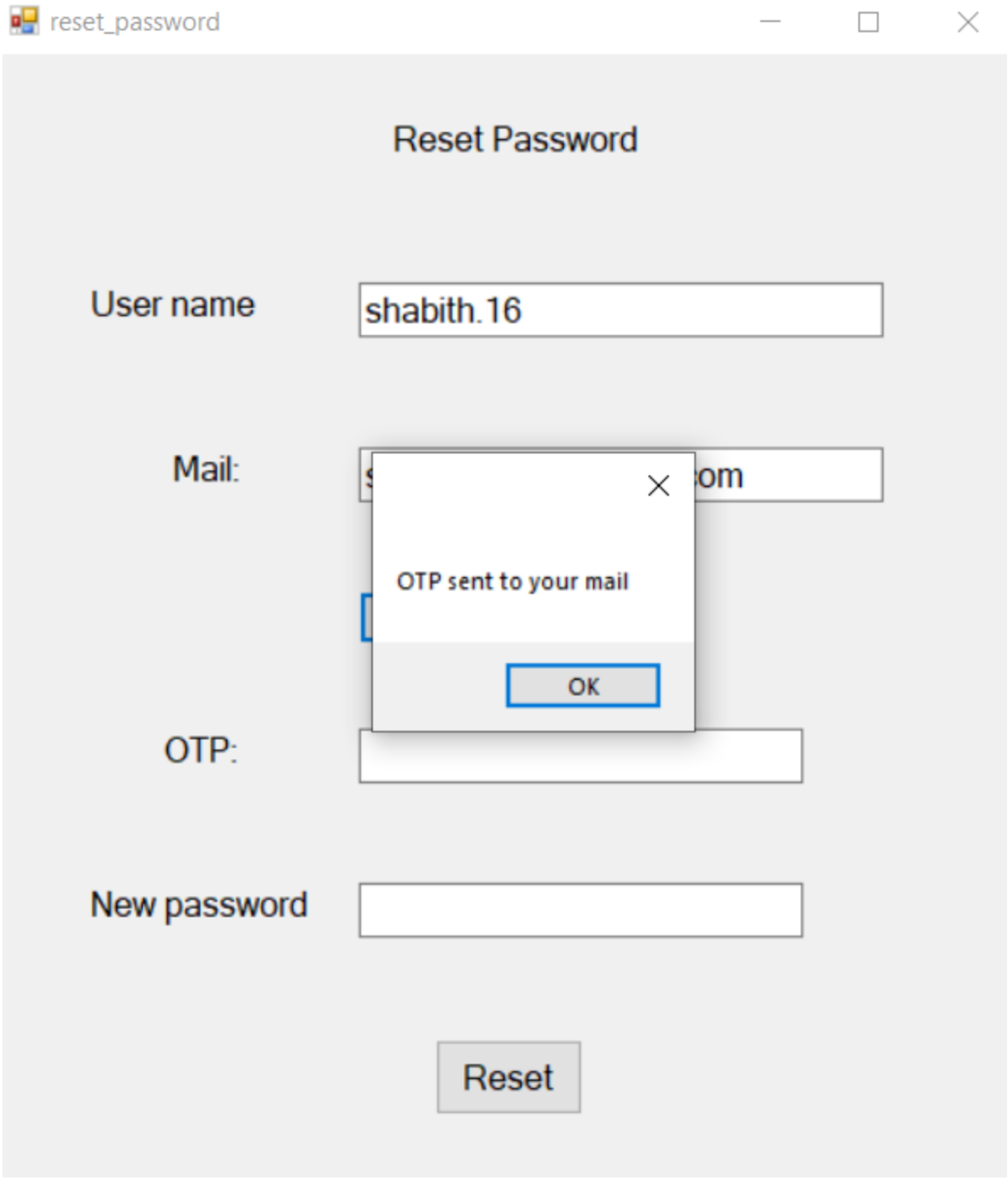

Registration
Personal details
Name:
Ahamed Shabith
Age:
21
DOB:
16/07/2001
DD/MM/YYYY
Registration details
Username:
Password:
strong
OTP sent successfully
OK
Mail:
shabith@gmail.com
Address:
Chennai.
generate OTP
OTP
Register

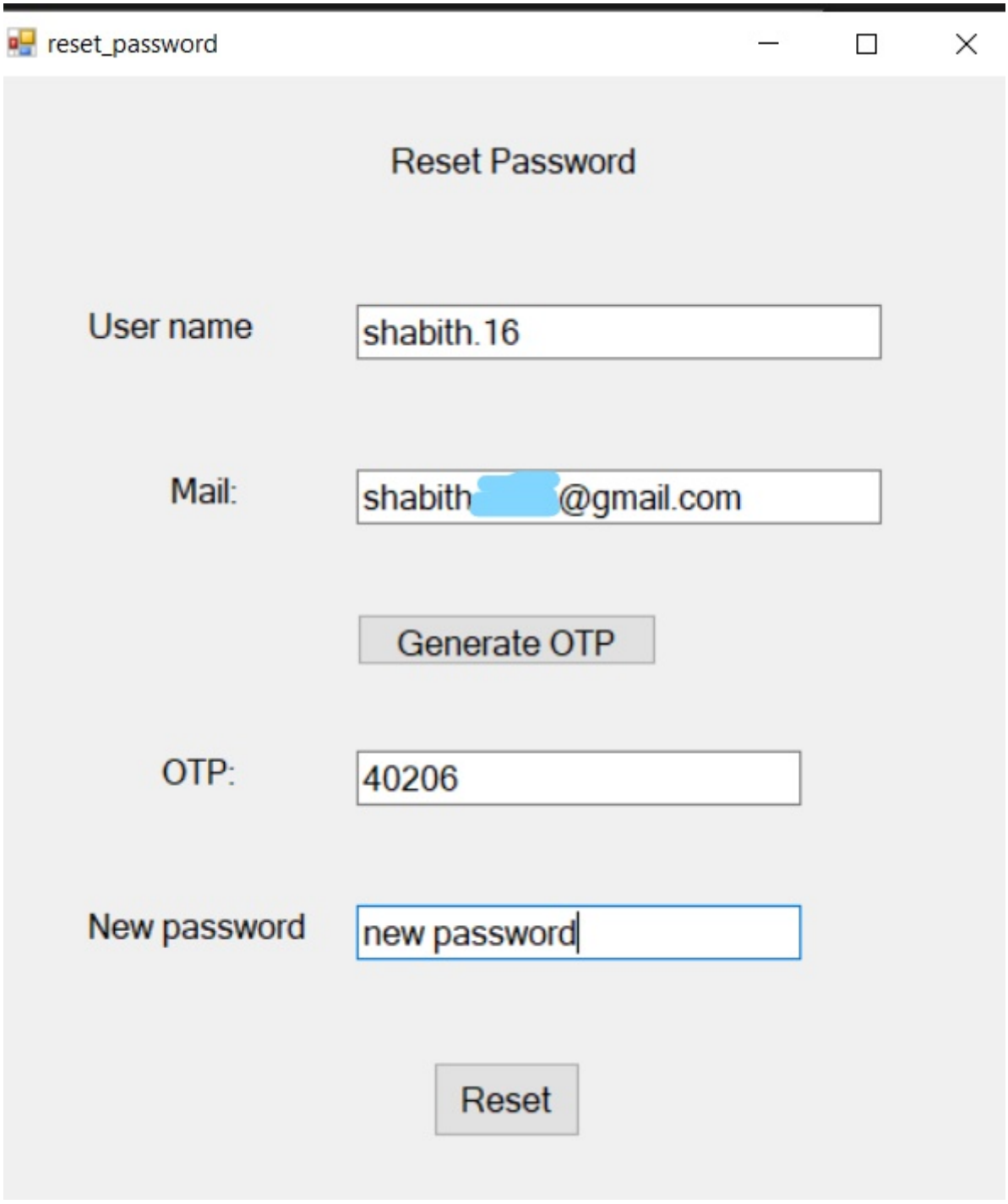

Registration
Personal details
Name:
Ahamed Shabith
Age:
21
DOB:
16/07/2001
DD/MM/YYYY
Registration details
Username:
sha
successfully registered
OK
Password:
strong
Mail:
shabith@gmail.com
Address:
Chennai
generate OTP
OTP
13461
Register

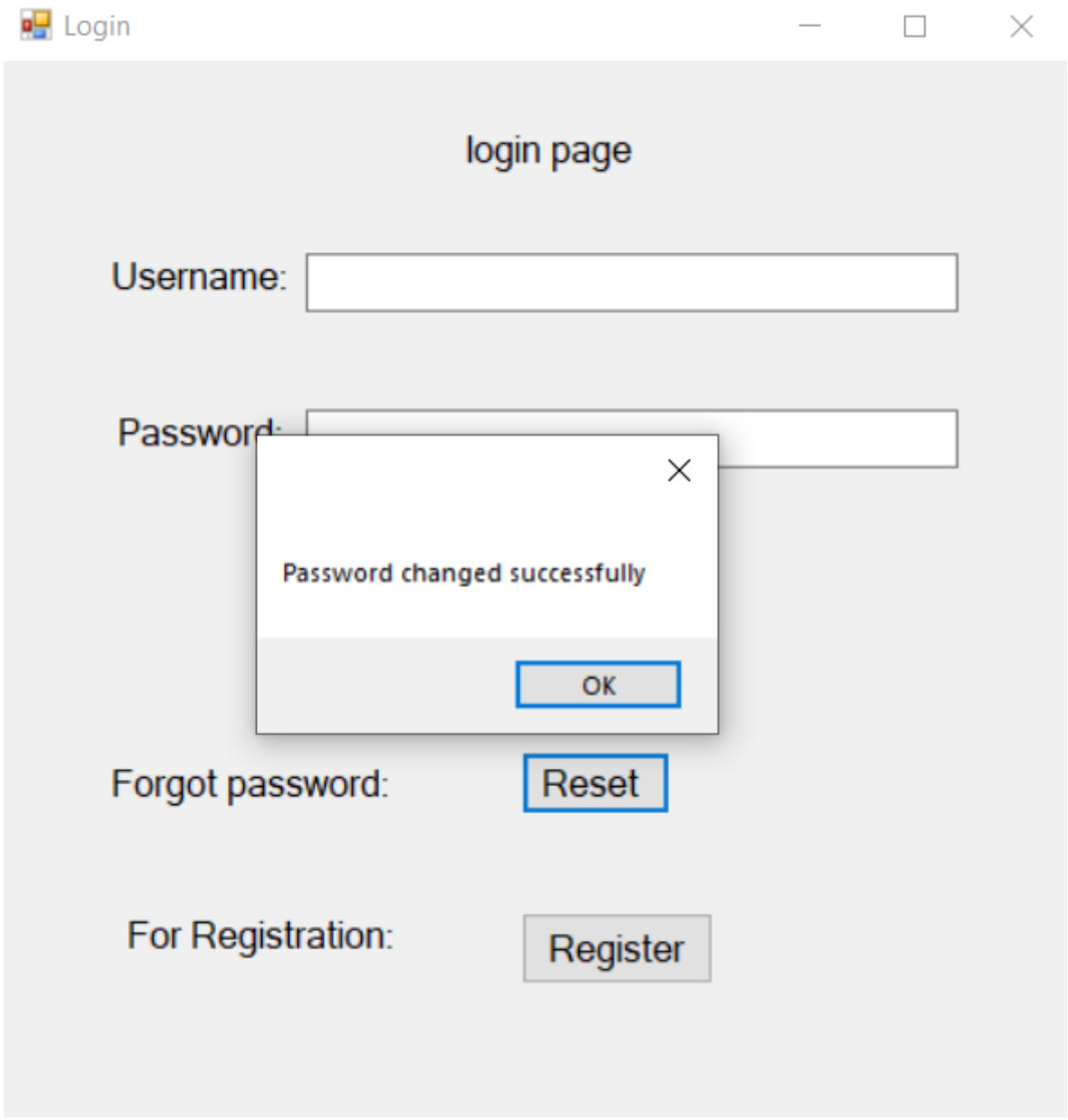

Login
login page
Username:
shabith.16
Password:
****
Login
Forgot password:
Reset
For Registration:
Register


Login
login page
Username:
shabith.16
Password:
success
you are logged in
OK
Forgot password:
Reset
For Registration:
Register


reset_password
Reset Password
User name
shabith.16
Mail:
shabith@gmail.com
Generate OTP
OTP:
New password
Reset


reset_password
Reset Password
User name
shabith.16
Mail:
om
OTP sent to your mail
OK
OTP:
New password
Reset


reset_password
Reset Password
User name
shabith.16
Mail:
shabith@gmail.com
Generate OTP
OTP:
40206
New password
new password
Reset


Login
login page
Username:
Password:
Password changed successfully
OK
Forgot password:
Reset
For Registration:
Register