.net lab Exam(CAT1)

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Screenshots:
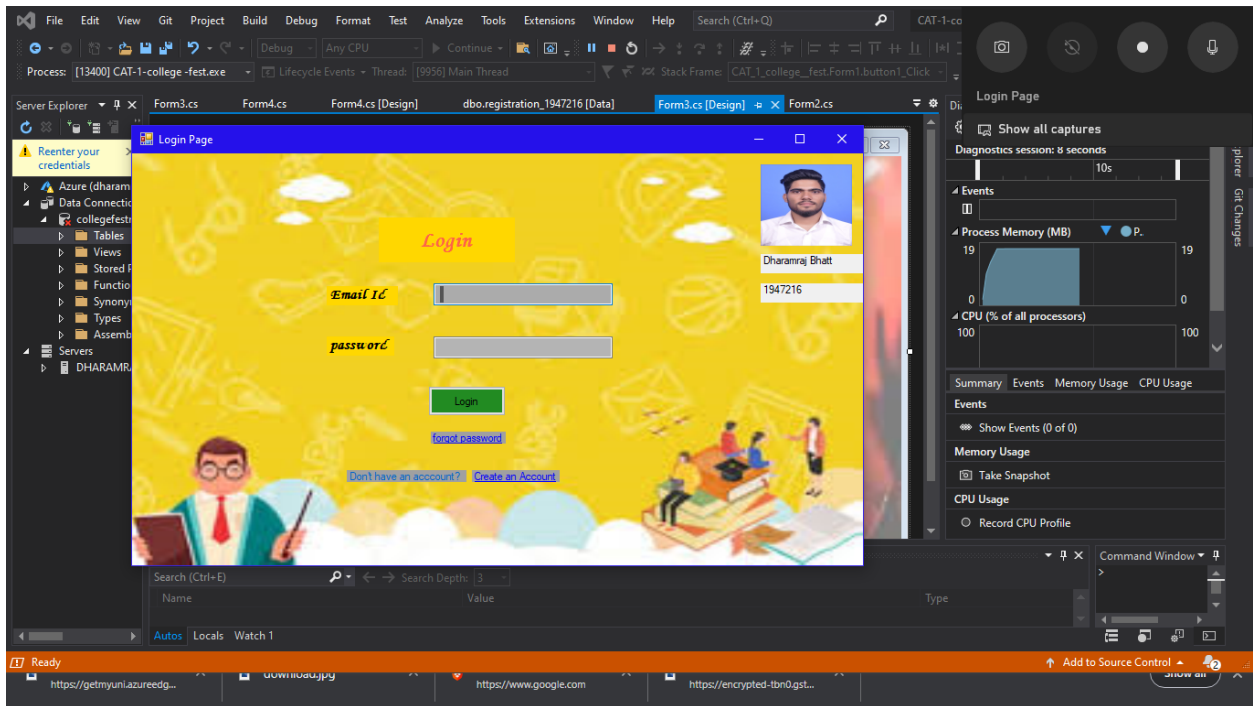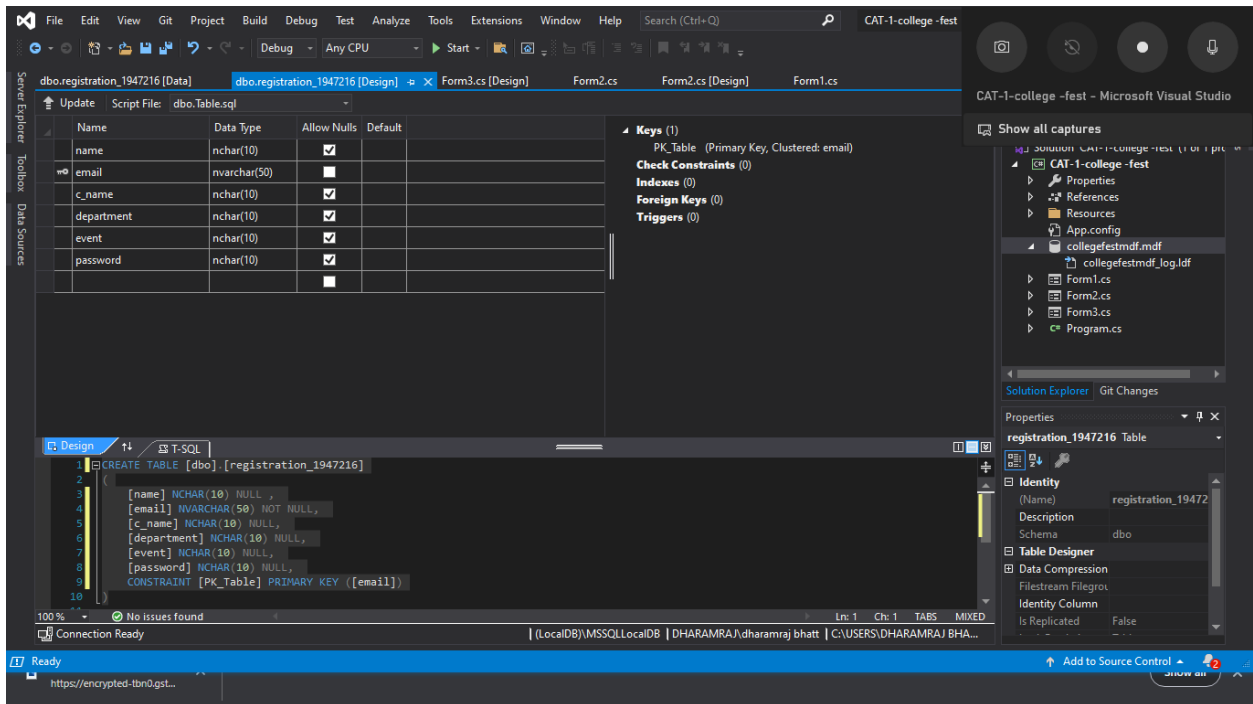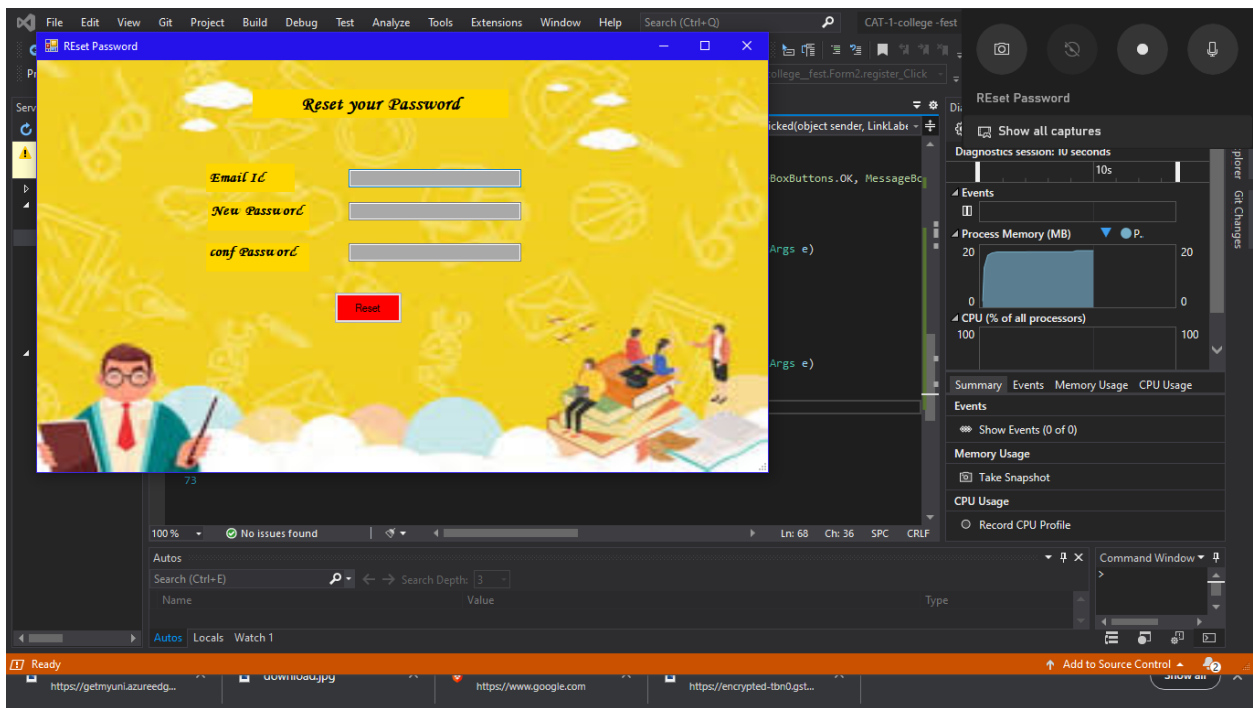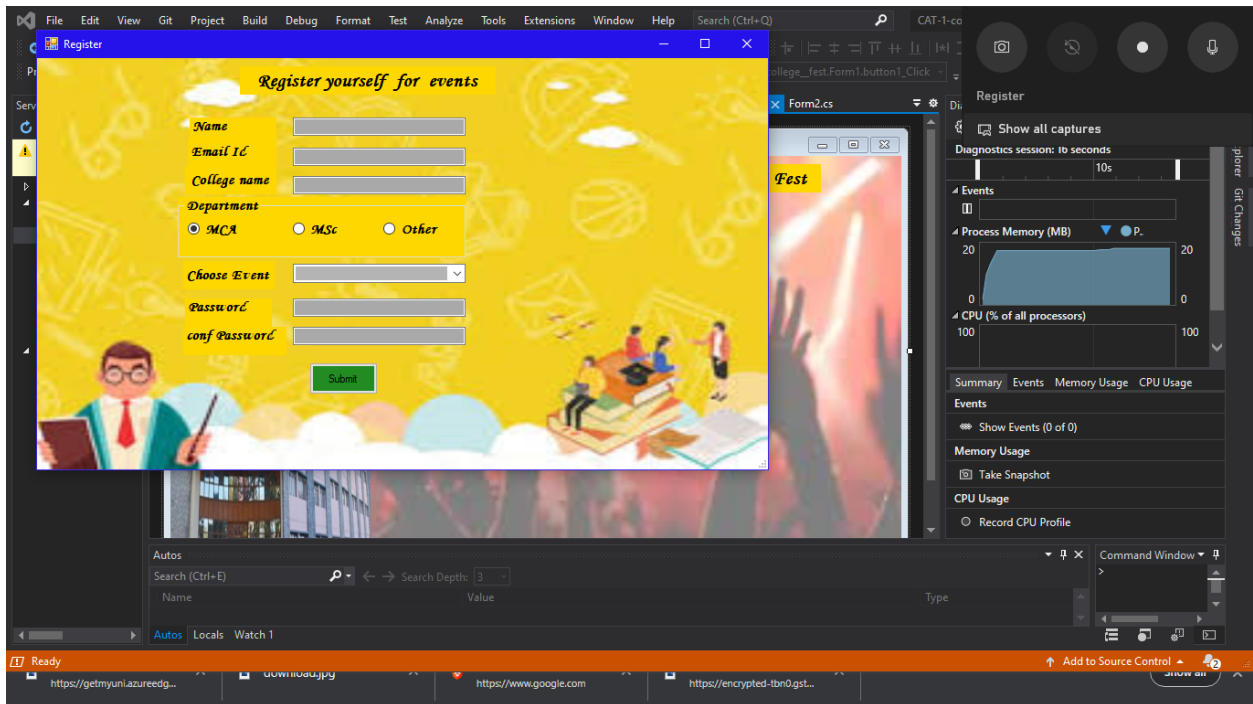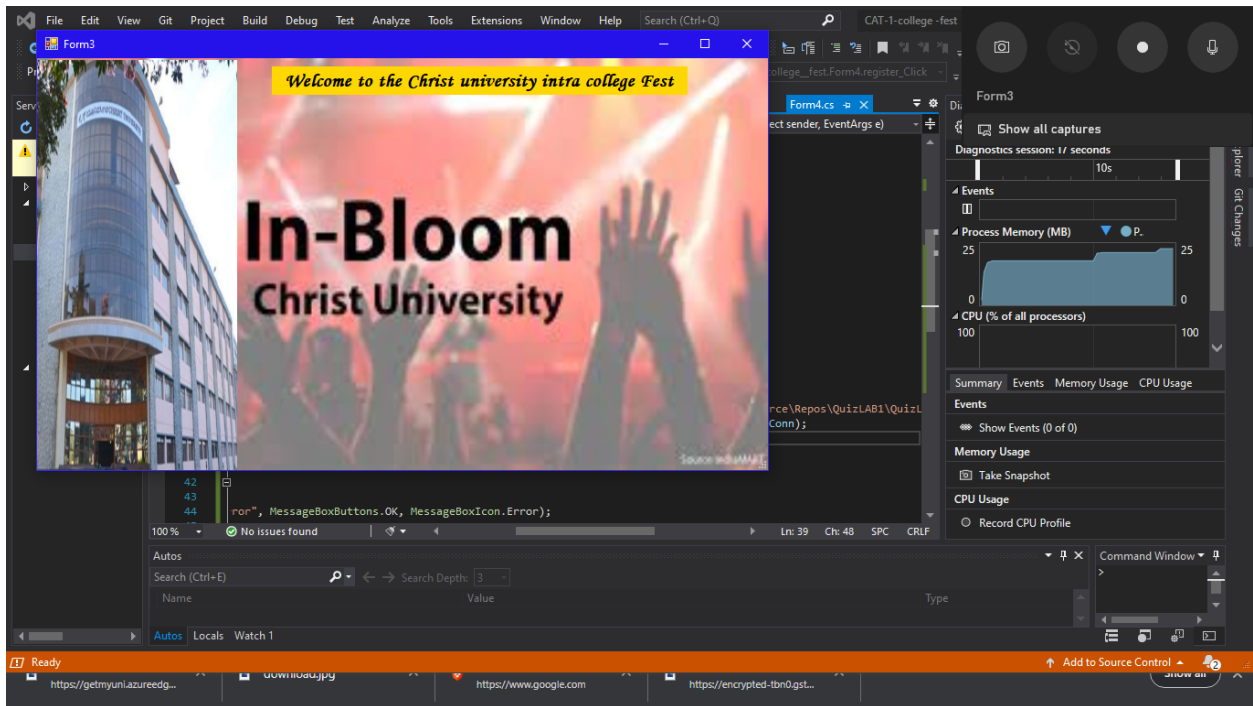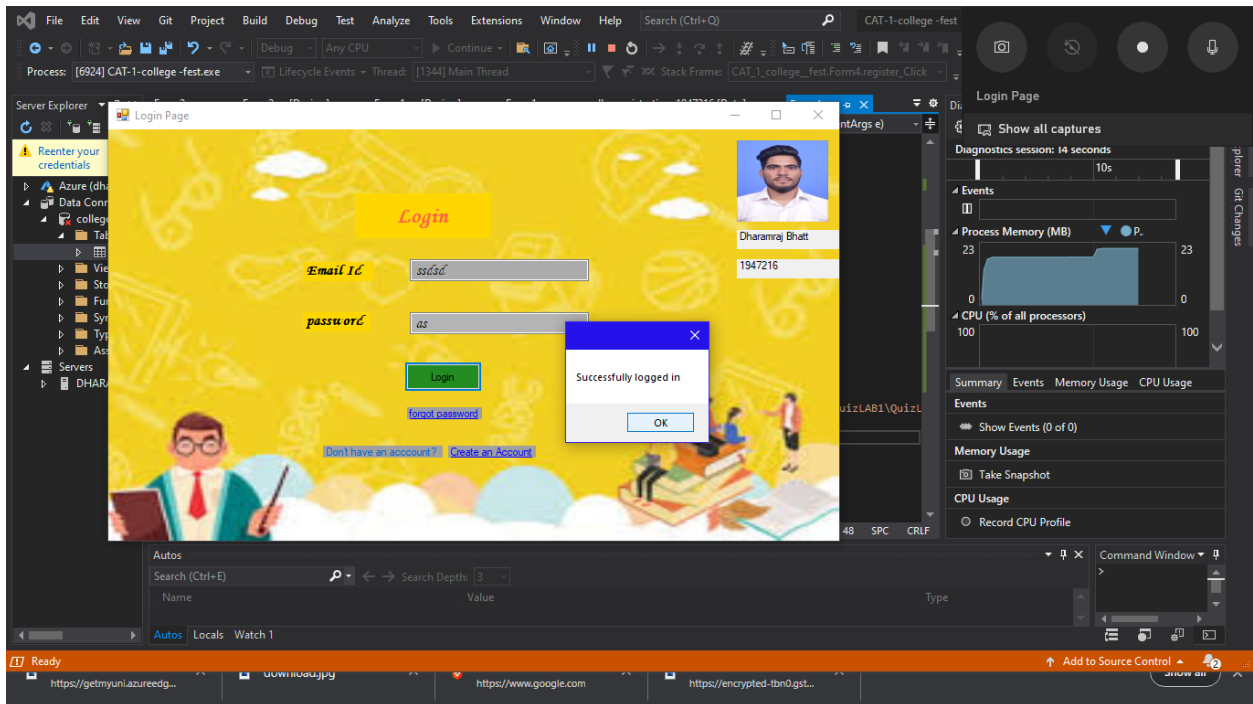
Code:

Form1.cs

```csharp
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.Data.SqlClient;

namespace CAT_1_college__fest
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            SqlConnection cn = new SqlConnection();
            SqlCommand cmd = new SqlCommand();

            cn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\dharamra
j bhatt\Source\Repos\CAT-1-college -fest\CAT-1-college
-fest\collegefestmdf.mdf;Integrated Security=True");
            SqlDataReader dr = null;
            cn.Open();
            /*SqlDataReader dr = cmd.ExecuteReader();*/
```

```csharp
            if (textBox1.Text != string.Empty || textBox2.Text != string.Empty)
            {

                cmd = new SqlCommand("select * from registration_1947216
where email='" + textBox1.Text + "' and password='" + textBox2.Text + "'",
cn);
                dr = cmd.ExecuteReader();
                if (dr.Read())
                {
                    dr.Close();
                    MessageBox.Show("Successfully logged in");

                    this.Hide();
                    Form  f3 = new Form3();
                    f3.ShowDialog();
                }
                else
                {
                    dr.Close();
                    MessageBox.Show("No Account avilable with this username
and password ", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
                }

            }
            else
            {
                MessageBox.Show("Please enter value in all field.", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error);
            }
        }

        private void linkLabel2_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
        {
            this.Hide();
```

```csharp
            Form2 f2 = new Form2();
            f2.ShowDialog();
        }

        private void linkLabel1_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
        {
            this.Hide();
            Form4 f2 = new Form4();
            f2.ShowDialog();
        }
    }
}
```

Form2.cs

```csharp
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.Data.SqlClient;

namespace CAT_1_college__fest
{
    public partial class Form2 : Form
    {
        public Form2()
        {
            InitializeComponent();
        }
```

```csharp
private void label4_Click(object sender, EventArgs e)
{

}

private void label5_Click(object sender, EventArgs e)
{

}

private void textBox2_TextChanged(object sender, EventArgs e)
{

}

private void label6_Click(object sender, EventArgs e)
{

}

private void register_Click(object sender, EventArgs e)
{
    String department;
    var nullValue = DBNull.Value;
    String pass1 = textBox4.Text;
    String pass2 = textBox5.Text;
    String name = textBox1.Text;
    String email = textBox2.Text;
    String c_name = textBox3.Text;
    if (textBox1.Text == string.Empty)
    {
        MessageBox.Show("Name can't be Empty");
        textBox1.Focus();
        return;
```

```csharp
        }

        else if (textBox2.Text == string.Empty)
        {
            MessageBox.Show("Email can't be Empty");
            return;
        }

        else if (textBox3.Text == string.Empty)
        {
            MessageBox.Show("college Name can't be Empty");
            return;
        }

        else if (!(radioButton1.Checked || radioButton2.Checked ||
radioButton3.Checked))
        {
            MessageBox.Show("select atlest one department");
            return;
        }


        else if (textBox4.Text == string.Empty)
        {
            MessageBox.Show("password can't be Empty");
            textBox4.Focus();
            return;
        }
        else if (textBox5.Text == string.Empty)
        {
            MessageBox.Show("confirm password can't be Empty");
            textBox5.Focus();
            return;
        }
        else
```

```csharp
{
    if (radioButton1.Checked)
    {
        department = "MCA";
    }
    else if (radioButton2.Checked)
    {
        department = "MSc";

    }
    else
    {
        department = "Others";
    }

    if (!pass1.Equals(pass2))
    {
        MessageBox.Show("Password doesn't match", "please
ReEnter passwords again");
    }
    else
    {



        SqlConnection cnn = new SqlConnection();
        SqlCommand com = new SqlCommand();
        cnn.ConnectionString = (@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\dharamra
j bhatt\Source\Repos\CAT-1-college -fest\CAT-1-college
-fest\collegefestmdf.mdf;Integrated Security=True");
        cnn.Open();
        com.Connection = cnn;
        com.CommandText = ("INSERT INTO registration_1947216
(name,email,c_name,department,event,password) VALUES ('" + name +
```

```
"','" + email + "','" + c_name + "','" + department + "','" + nullValue + "','" +
pass1 + "');");
                com.ExecuteNonQuery();
                cnn.Close();

                MessageBox.Show("submitted successfully");
                this.Hide();
                Form1 f1 = new Form1();
                f1.ShowDialog();
            }

        }
    }
}
```

Form3.cs

```
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 CAT_1_college__fest
{
    public partial class Form3 : Form
    {
        public Form3()
        {
            InitializeComponent();
```

```csharp
        }

        private void label1_Click(object sender, EventArgs e)
        {

        }

        private void Form3_Load(object sender, EventArgs e)
        {

        }
    }
}
```

Form4.cs

```csharp
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.Data.SqlClient;

namespace CAT_1_college__fest
{
    public partial class Form4 : Form
    {
        public Form4()
        {
            InitializeComponent();
        }
```

```csharp
        private void label7_Click(object sender, EventArgs e)
        {

        }

        private void register_Click(object sender, EventArgs e)
        {
            String pass1 = textBox2.Text;
            String pass2 = textBox3.Text;

            if (!pass1.Equals(pass2))
            {
                MessageBox.Show("Password doesn't match", "please ReEnter
passwords again");
            }
            else
            {
                SqlConnection SQLConn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\dharamra
j bhatt\Source\Repos\QuizLAB1\QuizLAB1\quiz.mdf;Integrated
Security=True");
                SqlDataAdapter SQLAdapter = new SqlDataAdapter("select *
from registration_1947216 where email='" + textBox1.Text + "'", SQLConn);
                DataTable DT = new DataTable();
                SQLAdapter.Fill(DT);

                if (DT.Rows.Count == 0)
                {
                    MessageBox.Show("Invalid error", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                }
                else
                {
```

```csharp
            SQLAdapter = new SqlDataAdapter("update registration set
password='" + textBox3.Text + "'where email='" + textBox1.Text + "'",
SQLConn);
            SQLAdapter.Fill(DT);
            MessageBox.Show("Successfully updated");
            this.Hide();
            Form1 f1 = new Form1();
            f1.ShowDialog();


        }

      }
    }
  }
}
```