

6854 Brandon de Bruyn

PRG521 FA2

CODE:

NGO/Dashboard:

```
//Connection Stuff
SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-A9EC70F; Initial
Catalog=FA2; Integrated Security=True"); // making connection
//Admin login Button
private void admin_login_Click(object sender, EventArgs e)
{
    //Connection Stuff
    SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-A9EC70F; Initial
Catalog=FA2; Integrated Security=True"); // making connection
    SqlDataAdapter sda = new SqlDataAdapter("SELECT COUNT(*) FROM admin_data
WHERE aEmail='" + a_name.Text + "' AND aPassword='" + a_password.Text + "'", con);
    DataTable dt = new DataTable(); //this is creating a virtual table
    sda.Fill(dt);

    if (dt.Rows[0][0].ToString() == "1")
    {
        this.Hide();
        new Admin().Show();
    }
    else
    {
        MessageBox.Show("Invalid Email or Password");
    }
}

//Donation Button
private void cust_btn_Click(object sender, EventArgs e)
{
    this.Hide();
    new Donate().Show();
}
```

Donator Panel:

```
using System;
using System.Windows.Forms;
using System.Data.SqlClient;
using System.Net.Mail;
using System.Net;

namespace FA_2
{
    public partial class Donate : Form
    {
        //Connection Stuff
        SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-A9EC70F; Initial
        Catalog=FA2; Integrated Security=True"); // making connection

        public Donate()
        {
            InitializeComponent();
        }

        // Method to clear the text boxes after it's been used
        private void ClearTextBoxes()
        {
            custName.Text = "";
            custSurname.Text = "";
            custNumber.Text = "";
            custEmail.Text = "";
            custAmount.Text = "";
        }

        //Donation Button
        private void button1_Click(object sender, EventArgs e)
        {
            con.Open(); //Opens Connection

            if(custName.Text != "" && custSurname.Text != "" && custNumber.Text != "" &&
            custEmail.Text != "" && custAmount.Text != "") //Checks if All fields are filled in
            {
                SqlCommand fc = new SqlCommand("Insert into cust_data(cName, cSurname,
                cNumber, cEmail, cAmount, cDate) values (@Name, @Surname, @Number, @Email,
                @Amount, @Date)", con); //SQL Insert Query
                fc.Connection = con;
```

```

        fc.Parameters.AddWithValue("@Name", custName.Text); //SQL Parameter Vaule 1
        fc.Parameters.AddWithValue("@Surname", custSurname.Text); //SQL Parameter
Vaule 2
        fc.Parameters.AddWithValue("@Number", custNumber.Text); //SQL Parameter Vaule
3
        fc.Parameters.AddWithValue("@Email", custEmail.Text); //SQL Parameter Vaule 4
        fc.Parameters.AddWithValue("@Amount", Convert.ToDecimal(custAmount.Text));
//SQL Parameter Vaule 5 (Also Converts To Decimal)
        fc.Parameters.AddWithValue("@Date", DateTime.Today); //SQL Parameter Vaule 6
(Auto Inserts Todays Date)

        fc.ExecuteNonQuery(); //Executes SQL Query
        con.Close(); //Closes Connection
        sendMail();
        MessageBox.Show("Thank you for your Donation!"); //Message for the Donator
        ClearTextBoxes(); //Clears Text Boxes

    } else
    {
        MessageBox.Show("Missing data from some or all fields."); // Message if one or two
text fields are not filled in
        con.Close(); //Closes Connection
    }
}

private void label3_Click(object sender, EventArgs e)
{

}

// Back Button
private void custBack_btn_Click(object sender, EventArgs e)
{
    this.Hide();
    new Dashboard().Show();
}

private void Donate_Load(object sender, EventArgs e)
{

}

public void sendMail()
{

```

```

try
{
    SmtplibClient cl = new SmtplibClient(); // Smtplib Client
    MailMessage msg = new MailMessage(); // Mail Message
    NetworkCredential nc = new NetworkCredential("No i do not consent", "No i do not
consent"); // Network Credential thing so you can have access to send mails (This will be empty
for the FA because i do not consent in giving my Personal Data to CTU.
// But it will work for this
FA you can see it working in a Screenshot that will be in a PDF)
    cl.Host = "smtp.live.com"; // Host for Microsoft Outlook Mail Server
    cl.Port = 587; // Port For Microsoft Outlook Mail Server
    cl.UseDefaultCredentials = false; // So it does not list as spam
    cl.Credentials = nc;
    cl.EnableSsl = true;

    MailAddress m_dest = new MailAddress("No i do not consent"); //(This will be empty
for the FA because i do not consent in giving my Personal Data to CTU. But it will work for this
FA you can see it working in a Screenshot that will be in a PDF)
    MailAddress m_source = new MailAddress("No i do not consent"); //(This will be
empty for the FA because i do not consent in giving my Personal Data to CTU. But it will work
for this FA you can see it working in a Screenshot that will be in a PDF)

    msg.Subject = "Donation Alert!";
    msg.Body = $"Donation Alert, Please, Check out Donation for MR.{custName.Text}";
    msg.From = m_source;
    msg.To.Add(m_dest);

    cl.Send(msg);
    MessageBox.Show("Donation Sent and Administration is notified");
} catch (Exception ex)
{
    MessageBox.Show("Error Code:" + ex);
}
}
}
}

```

Administrator Panel:

```

//Connection Stuff
SqlConnection con = new SqlConnection(@"Data Source=DESKTOP-A9EC70F; Initial
Catalog=FA2; Integrated Security=True"); // making connection

```

```

public Admin()
{
    InitializeComponent();
}

// Method to clear the text boxes after it's been used in the create, update or delete button
private void ClearTextBoxes()
{
    aName.Text = "";
    aSurname.Text = "";
    aNumber.Text = "";
    aEmail.Text = "";
    aAmount.Text = "";
    aCID.Text = "";
}

private void DatasetUpdate()
{
    // TODO: This line of code loads data into the 'fA2DataSet.cust_data' table. You can
move, or remove it, as needed.
    this.cust_dataTableAdapter.Fill(this.fA2DataSet.cust_data);
}
private void label1_Click(object sender, EventArgs e)
{
}

private void checkBox1_CheckedChanged(object sender, EventArgs e)
{
}

private void Admin_Load(object sender, EventArgs e)
{
}

private void label5_Click(object sender, EventArgs e)
{
}

//Create Button
private void aCreate_Click(object sender, EventArgs e)

```

```

{
    con.Open(); //Opens Connection

    if (aName.Text != "" && aSurname.Text != "" && aNumber.Text != "" && aEmail.Text != ""
    && aAmount.Text != "") //Checks if All fields are filled in
    {
        SqlCommand fc = new SqlCommand("Insert into cust_data(cName, cSurname,
cNumber, cEmail, cAmount, cDate, approved) values (@Name, @Surname, @Number,
@Email, @Amount, @Date, @Approved)", con); //SQL Insert Query
        fc.Connection = con;

        fc.Parameters.AddWithValue("@Name", aName.Text); //SQL Parameter Vaule 1
        fc.Parameters.AddWithValue("@Surname", aSurname.Text); //SQL Parameter Vaule
2
        fc.Parameters.AddWithValue("@Number", aNumber.Text); //SQL Parameter Vaule 3
        fc.Parameters.AddWithValue("@Email", aEmail.Text); //SQL Parameter Vaule 4
        fc.Parameters.AddWithValue("@Amount", Convert.ToDecimal(aAmount.Text)); //SQL
Parameter Vaule 5
        fc.Parameters.AddWithValue("@Date", DateTime.Today); //SQL Parameter Vaule 6
(Auto Inserts Todays Date)
        if(aCheckBox.CheckState == CheckState.Checked) // Check if the check box is
checked
        {
            fc.Parameters.AddWithValue("@Approved", 'Y'); //SQL Parameter Vaule 7
(Approved Thingy)
        }else
        {
            fc.Parameters.AddWithValue("@Approved", 'N'); //SQL Parameter Vaule 7
(Approved Thingy)
        }

        fc.ExecuteNonQuery(); //Executes SQL Query
        con.Close(); //Closes Connection
        MessageBox.Show("Donator Added!"); //Message for the Donator
        ClearTextBoxes(); //Clears Text Boxes
        DatasetUpdate(); //Updates the Dataset
    }
    else
    {
        MessageBox.Show("Missing data from some or all fields."); // Message if one or two
text fields are not filled in
    }
}

```

```

//Read Button
private void aRead_Click(object sender, EventArgs e)
{
    DatasetUpdate(); //Updates the Dataset
}

//Update Button
private void aUpdate_Click(object sender, EventArgs e)
{
    con.Open(); //Opens Connection

    if (aCID.Text != "") //Checks if Customer ID is filled in
    {
        SqlCommand fc = new SqlCommand("UPDATE cust_data SET approved =
@Approved WHERE cid = @cid", con); //SQL Update Query
        fc.Connection = con;

        fc.Parameters.AddWithValue("@cid", Convert.ToInt32(aCID.Text)); //SQL Parameter
Vaule 1
        if (aCheckBox.CheckState == CheckState.Checked)
        {
            fc.Parameters.AddWithValue("@Approved", 'Y'); //SQL Parameter Vaule 2
(Appeared Thingy)
        } else
        {
            fc.Parameters.AddWithValue("@Approved", 'N'); //SQL Parameter Vaule 2
(Appeared Thingy)
        }

        fc.ExecuteNonQuery(); //Executes SQL Query
        con.Close(); //Closes Connection
        MessageBox.Show("Donator Approved!"); //Message for the Donator
        ClearTextBoxes(); //Clears Text Boxes
        DatasetUpdate(); //Updates the Dataset
    }
    else
    {
        MessageBox.Show("Missing data from Customer ID Field."); // Message if Customer
ID is Empty
    }
}

//Delete Button

```

```

private void aDelete_Click(object sender, EventArgs e)
{
    con.Open(); //Opens Connection

    if (aCID.Text != "") //Checks if Customer ID is filled in
    {
        SqlCommand fc = new SqlCommand("DELETE FROM cust_data WHERE cid =
@cid", con); //SQL Update Query
        fc.Connection = con;
        fc.Parameters.AddWithValue("@cid", Convert.ToInt32(aCID.Text)); //SQL Parameter
        Vaule 1

        fc.ExecuteNonQuery(); //Executes SQL Query
        con.Close(); //Closes Connection
        MessageBox.Show("Donator Deleted!"); //Message for the Donator
        ClearTextBoxes(); //Clears Text Boxes
        DatasetUpdate(); //Updates the Dataset
    }
    else
    {
        MessageBox.Show("Missing data from Customer ID Field."); // Message if Customer
ID is Empty
    }
}
}
}

```

SCREENSHOTS:

NGO Login Panel:

NGO

Enter Email: b.debruyn@gmail.com

Enter Password:

Login

Donate

If you are a donator please click the Donate Button

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Administrator Panel:

Administration

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Customer ID: ☐ Approve Donation

Name Number

Surname Email

Amount

Create Read Update Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate	approved
--	-----	-------	----------	---------	--------	---------	-------	----------

Administration

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Customer ID: ☐ Approve Donation

Name Number

Surname Email

Amount

Create Read Update Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate	approved
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17	Y
	6	Dawie	Bester	123456789	dbester@gmail.c...	50000	2021/04/17	N
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18	N

Administration

Customer ID: ☐ Approve Donation

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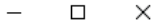
Name Number Surname Email Amount Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18

×

Donator Added!

Administration

Customer ID: ☐ Approve Donation

6854 Brandon de Bruyn

Name Number Surname Email Amount Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate	approved
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17	Y
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18	N
	8	Brandon Jason	de Bruyn	0734942610	6854@ctucareer...	6854	2021/04/18	N

Administration

Customer ID: 6☐ Approve Donation

6854 Brandon de Bruyn

Name

Number

Surname

Email

Amount

Create

Read

Update

Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17
	6	Dawie	Bester	123456789	dbester@gmail.c...	50000	2021/04/17
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18

Donator Approved!

OK

Administration

Customer ID:

☒ Approve Donation

6854 Brandon de Bruyn

Name

Number

Surname

Email

Amount

Create

Read

Update

Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate	approved
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17	Y
	6	Dawie	Bester	123456789	dbester@gmail.c...	50000	2021/04/17	Y
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18	N

Administration

Customer ID: 6☐ Approve Donation

6854 Brandon de Bruyn

Name

Number

Surname

Email

Amount

Create

Read

Update

Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17
	6	Dawie	Bester	123456789	dbester@gmail.c...	50000	2021/04/17
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18

Donator Deleted!

OK

Administration

Customer ID:

☐ Approve Donation

6854 Brandon de Bruyn

Name

Number

Surname

Email

Amount

Create

Read

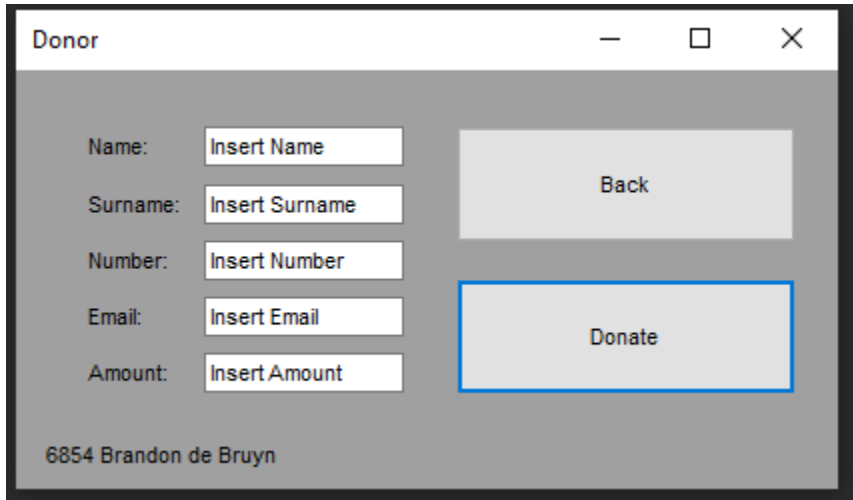
Update

Delete

Please Enter a CID if you want to Delete a Donator
Please Enter a CID if you want to approve a donation

	cid	cName	cSurname	cNumber	cEmail	cAmount	cDate	approved
▶	5	Brandon	de Bruyn	0734942610	b.debruy02@g...	10000	2021/04/17	Y
	7	Test	Test	0734942610	Test@gmail.com	12345	2021/04/18	N

Donator Panel:



Donor

Name:

Surname:

Number:

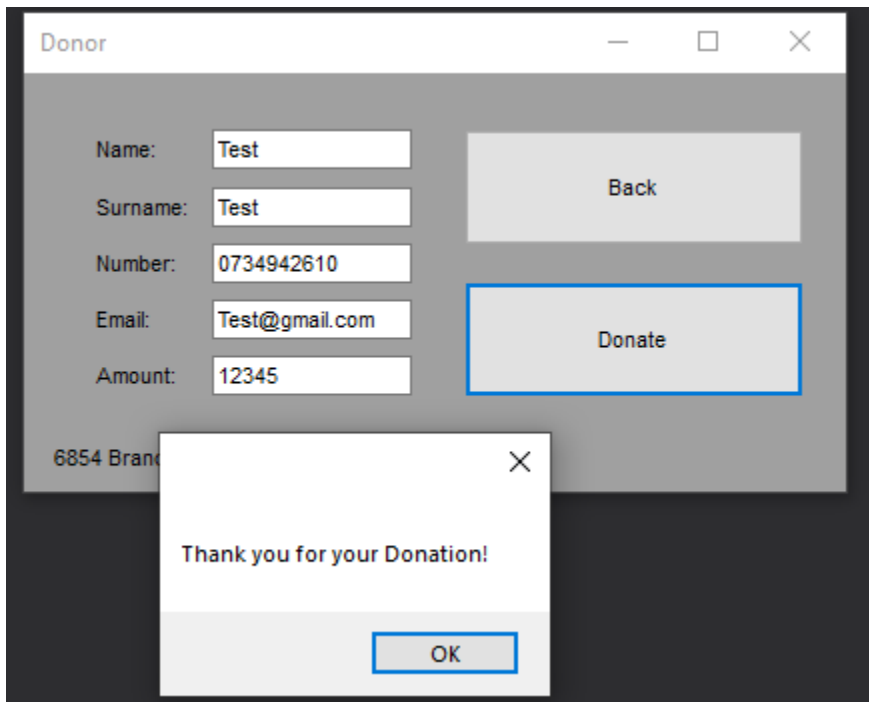
Email:

Amount:

Back

Donate

6854 Brandon de Bruyn



Donor

Name:

Surname:

Number:

Email:

Amount:

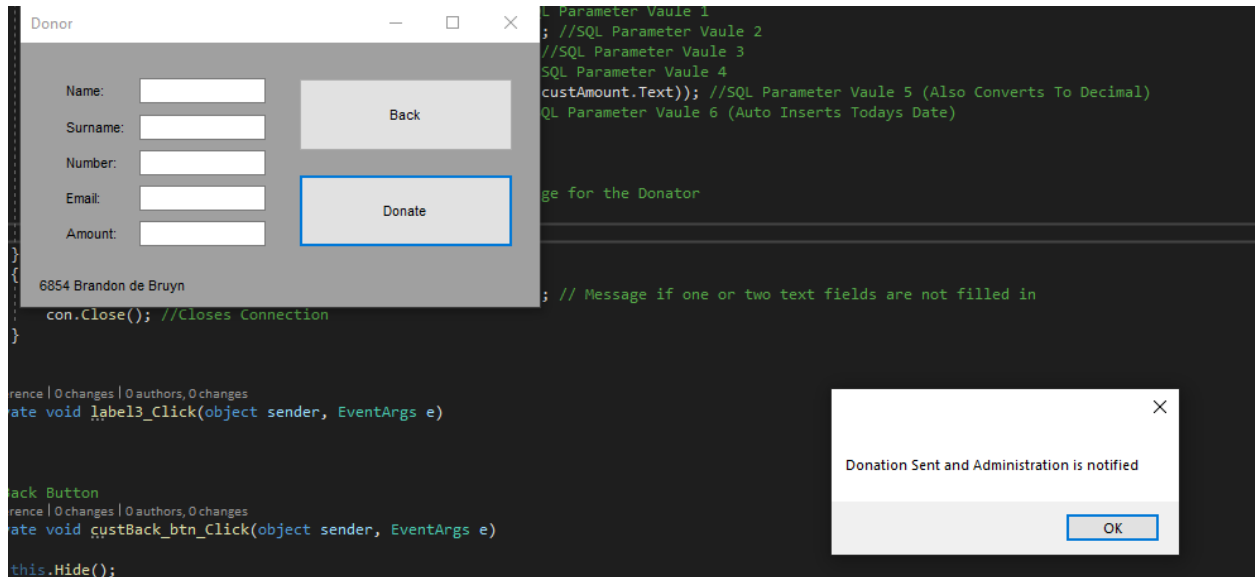
Back

Donate

6854 Brandon de Bruyn

Thank you for your Donation!

OK



Donation Alert! >> Inbox x



jasonisxbox79@outlook.com

to me ▾

Donation Alert, Please, Check out Donation for MR.