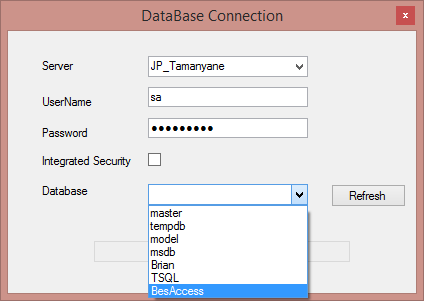
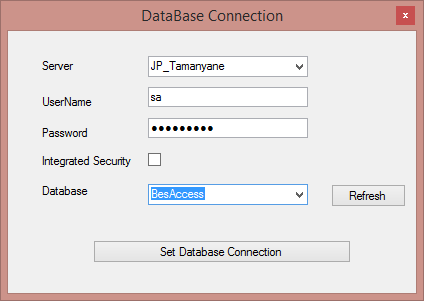
PHOTO APPLICATION MANUAL AND CODES

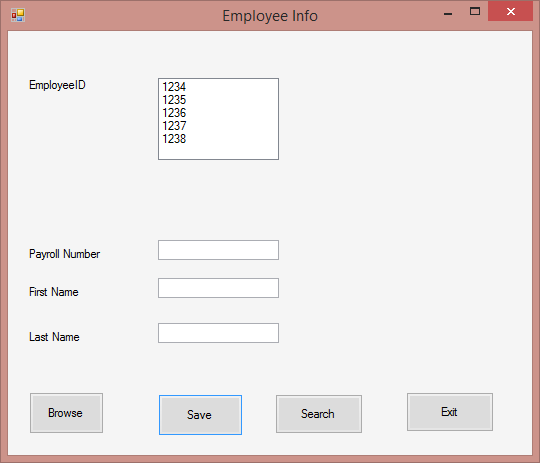
* Before you can have a full access of the application, you have to login the application by typing the correct server name, username and password.
* Click refresh button to refresh the available database.
* Click dropdown sign in order to view and select a database,



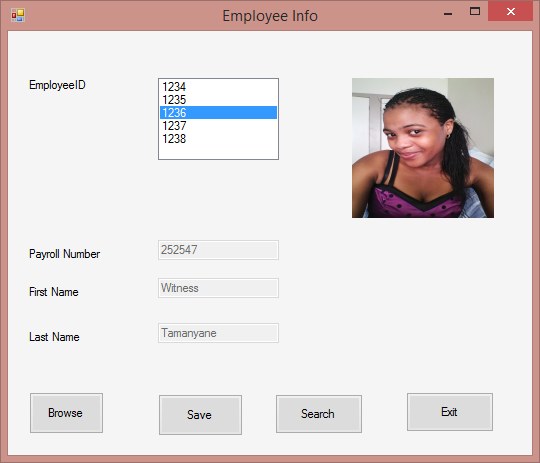
* Click BesAccess database, and click “Set Database Connection” in order to login.



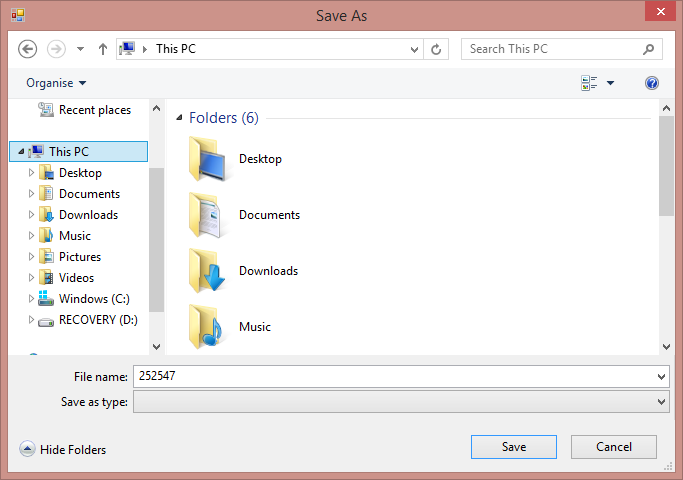
* After clicking “Set Database Connection” , a user will be presented with “Employee Info” where he have to click an “EmployeeID” in order to view the record of the employee.



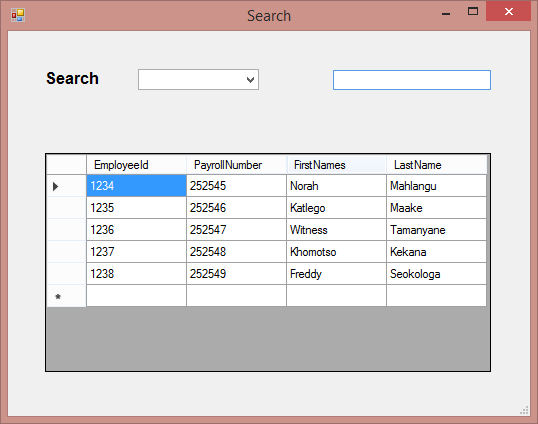
* After choosing an EmployeeId, all the information of the employee and the picture will appear.



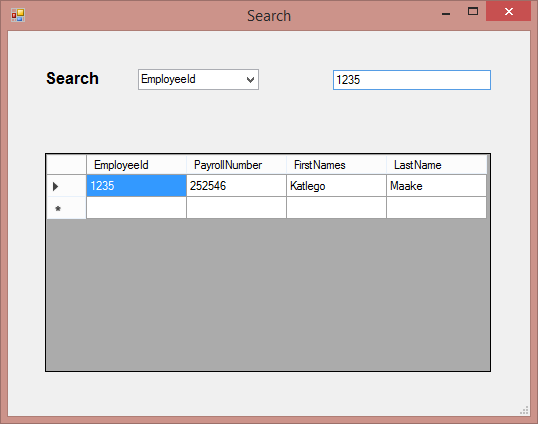
* A user can save the picture of the employee in any location in the computer and browse the picture.



* A user can search an employee by clicking a search button, and the following page will appear.



* If a user want is looking for a certain employee, he can search by selecting EmployeeId on the combobox and typing the EmployeeId in the textbox.



CODES

Database connection codes

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

using System.Data.SqlClient;

using Microsoft.Win32;

using System.Security.Permissions;

using System.Configuration;

using System.Security.Principal;

[assembly: PermissionSetAttribute(SecurityAction.RequestMinimum, Name = "FullTrust")]

namespace PhotoApplication

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

DataTable dt = System.Data.Sql.SqlDataSourceEnumerator.Instance.GetDataSources();

foreach (DataRow dr in dt.Rows)

{

string str = dr["ServerName"].ToString();

if (dr["InstanceName"].ToString().Trim().Length > 0)

str = str + @"\" + dr["InstanceName"].ToString();

cdServer.Items.Add(str);

}

}

private string ConnectionString = "";

public string connectionString

{

get

{

return ConnectionString;

}

}

private void Form1\_Load(object sender, EventArgs e)

{

//=======================================================

//In a specific event, place the following.

try

{

string a;

a = System.Security.Principal.WindowsIdentity.GetCurrent().Name.ToString();

}

catch { }

//MessageBox.Show(a.ToString());

}

private void button1\_Click(object sender, EventArgs e)

{

button2.Enabled = false;

try

{

cbDataBase.Items.Clear();

}

catch { }

try

{

using (SqlConnection con = new SqlConnection(SQLconnection().ConnectionString))

{

con.Open();

DataTable databases = con.GetSchema("Databases");

foreach (DataRow dr in databases.Rows)

{

cbDataBase.Items.Add(dr["database\_name"].ToString());

}

}

}

catch (Exception eee)

{

string ee = eee.ToString();

}

}

private SqlConnectionStringBuilder SQLconnection()

{

SqlConnectionStringBuilder conn = new SqlConnectionStringBuilder();

conn.DataSource = cdServer.Text;

conn.IntegratedSecurity = cbIntegrated.Checked;

conn.UserID = tbUserName.Text;

conn.Password = tbPassword.Text;

return conn;

}

private SqlConnectionStringBuilder SQLconnectionDB()

{

SqlConnectionStringBuilder conn = new SqlConnectionStringBuilder();

conn.DataSource = cdServer.Text;

conn.IntegratedSecurity = cbIntegrated.Checked;

conn.UserID = tbUserName.Text;

conn.Password = tbPassword.Text;

conn.InitialCatalog = cbDataBase.Text;

return conn;

}

private void button2\_Click(object sender, EventArgs e)

{

ConnectionString = SQLconnectionDB().ToString();

this.DialogResult = DialogResult.OK;

}

private void cdServer\_SelectedIndexChanged(object sender, EventArgs e)

{

try

{

cbDataBase.Items.Clear();

}

catch { }

}

private void cbDataBase\_SelectedIndexChanged(object sender, EventArgs e)

{

if (cbDataBase.SelectedIndex > 0)

button2.Enabled = true;

else

button2.Enabled = false;

}

}

}

Employee Info codes

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

using System.Data.SqlClient;

using Microsoft.Win32;

using System.Security.Permissions;

using System.Configuration;

using System.Security.Principal;

using System.IO;

[assembly: PermissionSetAttribute(SecurityAction.RequestMinimum, Name = "FullTrust")]

namespace PhotoApplication

{

public partial class Form3 : Form

{

DataSet ds;

//private Dictionary<string, object> Employee;

// Variable for storing the image name, path chosen from file dialog

private String \_EmployeeId = "";

private object ConfigurationManager;

private string ConnectionString;

private Log.Logger TraceNew = new Log.Logger(@"C:\JULIE'S DOCUMENTS\PhotoApplication");

DataTable results = null;

private string appPath;

public string connectionString

{

get

{

return ConnectionString;

}

}

public Form3()

{

InitializeComponent();

}

private void FillData()

{

using (BesData2009.SqlCommands SQ = new BesData2009.SqlCommands(ConnectionString, TraceNew))

{

string SQL = @"select Employee.EmployeeId, Employee.PayrollNumber, Employee.FirstNames, Employee.LastName, EmployeeImage.EImage

from Employee

INNER JOIN EmployeeImage

ON Employee.EmployeeId = EmployeeImage.EmployeeId

ORDER BY Employee.EmployeeId";

results = SQ.QuerySqlDataTable(SQL, "Results");

}

foreach (DataRow dr in results.Rows)

{

listBox1.Items.Add(dr["EmployeeId"].ToString());

}

}

private object SQLconnectionDB()

{

throw new NotImplementedException();

}

private void btnSave\_Click(object sender, EventArgs e)

{

SaveFileDialog saver = new SaveFileDialog();

saver.FileName = textBox3.Text;

DialogResult LocRes = saver.ShowDialog();

string[] filesToOpen = null;

if (LocRes == DialogResult.OK)

pictureBox1.Image.Save(saver.FileName + ".jpg");

// MessageBox.Show("Image saved successfully");

}

private void Form3\_Load\_1(object sender, EventArgs e)

{

Form1 frm = new Form1();

frm.ShowDialog();

ConnectionString = frm.connectionString;

FillData();

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

textBox1.Enabled = false;

}

private void btnBrowse\_Click(object sender, EventArgs e)

{

try

{

// Instantiate File Dialog box

FileDialog fileDlg = new OpenFileDialog();

// Set the initial directory

fileDlg.InitialDirectory =

"C:\\Users\\User\\Desktop\\EmployeeImages";

// Filter image(.jpg, .bmp, .gif) files only

fileDlg.Filter = "Image File (\*.jpg;)|\*.jpg;\*";

// Restores the current directory before closing

fileDlg.RestoreDirectory = true;

// When file is selected from the File Dialog

if (fileDlg.ShowDialog() == DialogResult.OK)

{

// Store the name of selected file into a variable

\_EmployeeId = fileDlg.FileName;

string pr = "";//12345

//get number if 12345.jpg get 12345

results.Rows.Find("Payrollnumber = '" + pr + "'");

//look at returned rows

//get employeeid

listBox1.SelectedItem = "EmployeeId";

// Create a bitmap for selected image

Bitmap newImage = new Bitmap(\_EmployeeId);

// Fit the image to the size of picture box

pictureBox1.SizeMode = PictureBoxSizeMode.StretchImage;

// Show the bitmap in picture box

pictureBox1.Image = (Image)newImage;

}

// No Image chosen

fileDlg = null;

}

catch (System.ArgumentException ex)

{

// Display error message, if image is invalid

\_EmployeeId = "";

System.Windows.Forms.MessageBox.Show(ex.ToString());

}

catch (Exception ex)

{

// Display error message

System.Windows.Forms.MessageBox.Show(ex.ToString());

}

}

private void listBox1\_SelectedIndexChanged\_1(object sender, EventArgs e)

{

if (pictureBox1.Image != null)

{

pictureBox1.Image.Dispose();

}

FileStream fs = new FileStream("image.jpg", FileMode.Create);

listBox1.Click += new EventHandler(listBox1\_SelectedIndexChanged);

{

foreach (DataRow row in results.Rows)

{

if (row[0].ToString() == listBox1.SelectedItem.ToString())

{

textBox1.Text = row["FirstNames"].ToString();

textBox2.Text = row["LastName"].ToString();

textBox3.Text = row["PayrollNumber"].ToString();

byte[] blob = (byte[])row[4];

fs.Write(blob, 0, blob.Length);

fs.Close();

fs = null;

pictureBox1.Image = Image.FromFile("image.jpg");

pictureBox1.SizeMode = PictureBoxSizeMode.StretchImage;

pictureBox1.Refresh();

}

}

}

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

textBox2.Enabled = false;

}

private void button1\_Click(object sender, EventArgs e)

{

this.Close();

}

private void textBox3\_TextChanged(object sender, EventArgs e)

{

textBox3.Enabled = false;

}

private void btnSearch\_Click(object sender, EventArgs e)

{

Form5 frm = new Form5();

frm.ConnectionString = connectionString;

frm.ShowDialog();

}

}

}

Search Codes

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

using System.IO;

namespace PhotoApplication

{

public partial class Form5 : Form

{

public string ConnectionString { get; set; }

private Log.Logger TraceNew = new Log.Logger(@"C:\JULIE'S DOCUMENTS");

DataSet ds;

SqlConnection con;

SqlDataAdapter adapt;

DataTable results = null;

public Form5()

{

InitializeComponent();

}

private void Form5\_Load(object sender, EventArgs e)

{

using (BesData2009.SqlCommands SQ = new BesData2009.SqlCommands(ConnectionString, TraceNew))

{

string SQL = "select EmployeeId, PayrollNumber, FirstNames, LastName from Employee";

results = SQ.QuerySqlDataTable(SQL, "Results");

}

dataGridView1.DataSource = results;

comboBox1.Items.Add("EmployeeId");

comboBox1.Items.Add("PayrollNmber");

comboBox1.Items.Add("FirstNames");

comboBox1.Items.Add("LastName");

var item = this.comboBox1.GetItemText(this.comboBox1.SelectedItem);

//MessageBox.Show(item);

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

using (BesData2009.SqlCommands SQ = new BesData2009.SqlCommands(ConnectionString, TraceNew))

{

string SQL = "select \* from Employee where EmployeeId like '" + textBox1.Text + "%'";

results = SQ.QuerySqlDataTable(SQL, "Results");

}

dataGridView1.DataSource = results;

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

dataGridView1.Enabled = false;

}

private void btnExit\_Click(object sender, EventArgs e)

{

this.Close();

}

}

}