using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.OleDb;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

namespace ComputerizedCareerGuidanceMIS

{

public partial class FrmUserType : Form

{

//private string userName;

private string userType;

private OleDbConnection cn;

private OleDbCommand cmd;

private OleDbDataReader dr;

public FrmUserType()

{

InitializeComponent();

cn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" + Application.StartupPath + "\\CareerDb.accdb;Persist Security Info=True");

//cn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Project 2016\ComputerizedCareerGuidanceMIS\ComputerizedCareerGuidanceMIS\CareerDb.accdb");

cmd = new OleDbCommand();

cmd.Connection = cn;

}

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

{

btnHome.BackColor = Color.Gray;

btnHome.ForeColor = Color.SeaShell;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

panel1.Visible = false;

panel3.Visible = false;

panel4.Visible = true;

panel4.Location = new Point(347, 153);

}

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

{

if ((txtUserName.Text != "") && (txtPassword.Text != ""))

{

if (isValidateUser(txtUserName.Text, txtPassword.Text, userType))

{

MessageBox.Show("Username and password validated successfully!!!", "Career Guidance App", MessageBoxButtons.OK, MessageBoxIcon.Information);

if (userType != "Administrator")

{

SaveLogDetails(txtUserName.Text, userType);

this.Hide();

FrmStudentDetails frmStudentDetails = new FrmStudentDetails(txtUserName.Text, userType);

frmStudentDetails.Show();

}

else

{

this.Hide();

MDICareer f1 = new MDICareer(txtUserName.Text, userType);

f1.Show();

}

}

else

{

MessageBox.Show("Username or password validation failed, please type correct username or password", "Career Guidance App", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

else

{

MessageBox.Show("User name or password cannot be emptied, please type username or password", "Career Guidance App", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private bool isValidateUser(string user, string pass, string userType)

{

bool validate = false;

try

{

cn.Open();

if (userType == "Administrator")

{

cmd.CommandText = "select UserName, UserPassword from tblUser where UserName = '" + user + "' and UserPassword = '" + pass + "'";

}

else if ((userType == "Student") ||(userType == "Parents/Guardian"))

{

cmd.CommandText = "select UserName, UserPassword from TblUser where UserName = '" + user + "' AND UserPassword = '" + pass + "'";

}

dr = cmd.ExecuteReader();

if (dr.HasRows)

{

validate = true;

}

dr.Close();

cn.Close();

}

catch (Exception Er)

{

dr.Close();

cn.Close();

MessageBox.Show(Er.Message, "Career Guidance App", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

return validate;

}

private void SaveLogDetails(string uName, string uType)

{

try

{

//if ((isAllEntryFilled()) && (!isRegistered(txtUserName.Text)))

{

string DateLogin = DateTime.Now.ToLongDateString();

string Timein = DateTime.Now.ToLongTimeString();

string Timeout = "Timeout";

cn.Open();

cmd.CommandText = "insert into TblUserLog values('" + uType + "','" + uName + "','" + DateLogin + "','" + Timein + "','" + Timeout + "')";

cmd.ExecuteNonQuery();

//MessageBox.Show("New User has been successfully Created!!!", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Information);

cn.Close();

}

}

catch (Exception er)

{

cn.Close();

MessageBox.Show(er.Message, "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

userType = "Student";

lblUsername.Text = "Username:";

lblPassword.Text = "User Password:";

linkLabel1.Visible = true;

panel1.Visible = true;

panel3.Visible = false;

panel4.Visible = false;

panel1.Location = new Point(362, 183);

}

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

{

userType = "Parents/Guardian";

lblUsername.Text = "Username:";

lblPassword.Text = "User Password:";

linkLabel1.Visible = true;

panel1.Visible = true;

panel3.Visible = false;

panel4.Visible = false;

panel1.Location = new Point(362, 183);

}

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

{

userType = "Administrator";

lblUsername.Text = "Admin Username:";

lblPassword.Text = "Admin Password:";

linkLabel1.Visible = false;

panel1.Visible = true;

panel3.Visible = false;

panel4.Visible = false;

panel1.Location = new Point(362, 183);

}

private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)

{

panel1.Visible = false;

panel3.Visible = true;

panel4.Visible = false;

panel3.Location = new Point(365, 183);

txtUserType.Text = userType;

}

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

{

btnHome.BackColor = Color.Gray;

btnHome.ForeColor = Color.SeaShell;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

panel1.Visible = false;

panel3.Visible = false;

panel4.Visible = true;

panel4.Location = new Point(347, 153);

}

private void btnStudent\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Black;

btnHome.ForeColor = Color.GhostWhite;

btnStudent.BackColor = Color.Gray;

btnStudent.ForeColor = Color.SeaShell;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnAboutUs.BackColor = Color.Black;

btnAboutUs.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

}

private void btnParents\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Black;

btnHome.ForeColor = Color.GhostWhite;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Gray;

btnParents.ForeColor = Color.SeaShell;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnAboutUs.BackColor = Color.Black;

btnAboutUs.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

}

private void btnAdmin\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Black;

btnHome.ForeColor = Color.GhostWhite;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Gray;

btnAdmin.ForeColor = Color.SeaShell;

btnAboutUs.BackColor = Color.Black;

btnAboutUs.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

}

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

{

Application.Exit();

}

private void btnQuit\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Black;

btnHome.ForeColor = Color.GhostWhite;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnAboutUs.BackColor = Color.Black;

btnAboutUs.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Gray;

btnQuit.ForeColor = Color.SeaShell;

}

private void btnHome\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Gray;

btnHome.ForeColor = Color.SeaShell;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnAboutUs.BackColor = Color.Black;

btnAboutUs.ForeColor = Color.GhostWhite;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

}

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

{

panel1.Visible = false;

panel3.Visible = false;

panel4.Visible = true;

panel4.Location = new Point(347, 153);

}

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

{

try

{

if ((isAllEntryFilled()) && (!isRegistered(txtNewUsername.Text)))

{

string Username = txtNewUsername.Text;

string Password = txtNewPassword.Text;

//string UserType = "Administrator";

cn.Open();

cmd.CommandText = "insert into TblUser values('" + userType + "','" + Username + "','" + Password + "')";

cmd.ExecuteNonQuery();

MessageBox.Show("New User has been successfully Created!!!", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Information);

cn.Close();

}

}

catch (Exception er)

{

cn.Close();

MessageBox.Show(er.Message, "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private bool isAllEntryFilled()

{

bool isEntryFilled = false;

if ((txtNewUsername.Text == ""))

{

MessageBox.Show("Please enter the username", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

txtNewUsername.Focus();

return isEntryFilled;

}

else if ((txtNewPassword.Text == ""))

{

MessageBox.Show("Please enter the User Password", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

txtNewPassword.Focus();

return isEntryFilled;

}

else if ((txtConfirmPassword.Text == ""))

{

MessageBox.Show("Please enter the user confirm password", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

txtConfirmPassword.Focus();

return isEntryFilled;

}

else if ((txtNewPassword.Text != txtConfirmPassword.Text))

{

MessageBox.Show("Password and Confirm Password mismatch. Please retype either password or confirm password", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

txtNewPassword.Focus();

return isEntryFilled;

}

else

return true;

}

private bool isRegistered(string user)

{

bool isUserRegistered = false;

try

{

cn.Open();

cmd.CommandText = "select \* from TblUser where UserName = '" + user + "'";

dr = cmd.ExecuteReader();

if (dr.HasRows)

{

MessageBox.Show("Fail to create user, username already exists. Duplicate user found ", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

isUserRegistered = true;

}

dr.Close();

cn.Close();

}

catch (Exception Er)

{

dr.Close();

cn.Close();

MessageBox.Show(Er.Message, "Career Guidance App", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

return isUserRegistered;

}

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

{

panel1.Visible = true;

panel3.Visible = false;

panel4.Visible = false;

panel1.Location = new Point(362, 183);

lblUsername.Text = "Username:";

lblPassword.Text = "User Password:";

linkLabel1.Visible = true;

}

private void btnAboutUs\_MouseHover(object sender, EventArgs e)

{

btnHome.BackColor = Color.Black;

btnHome.ForeColor = Color.GhostWhite;

btnStudent.BackColor = Color.Black;

btnStudent.ForeColor = Color.GhostWhite;

btnParents.BackColor = Color.Black;

btnParents.ForeColor = Color.GhostWhite;

btnAdmin.BackColor = Color.Black;

btnAdmin.ForeColor = Color.GhostWhite;

btnAboutUs.BackColor = Color.Gray;

btnAboutUs.ForeColor = Color.SeaShell;

btnQuit.BackColor = Color.Black;

btnQuit.ForeColor = Color.GhostWhite;

}

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

{

AboutApp aboutUs = new AboutApp();

aboutUs.Show();

}

}

}

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.OleDb;

namespace ComputerizedCareerGuidanceMIS

{

public partial class FrmStudentDetails : Form

{

string userName;

string userType;

Student student;

// private OleDbConnection cn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" + Application.StartupPath + "\\CareerDb.accdb;Persist Security Info=True");

private OleDbConnection cn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Project 2016\ComputerizedCareerGuidanceMIS\ComputerizedCareerGuidanceMIS\CareerDb.accdb");

private OleDbCommand cmd = new OleDbCommand();

public FrmStudentDetails(string uName, string uType)

{

InitializeComponent();

userName = uName;

userType = uType;

}

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

{

this.Hide();

}

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

{

if ((txtStudentName.Text == "") || (txtStudentAge.Text == "") || (txtStudentAddress.Text == "") || (txtStudentPhoneNo.Text == ""))

{

MessageBox.Show("Please fill all student details before you proceed", "Career Guidance App.", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);

}

else

{

//create a class student

student = new Student();

student.StudentName = txtStudentName.Text;

student.StudentAge = Convert.ToInt16(txtStudentAge.Text);

student.StudentSex = cboStudentSex.Text;

student.StudentClass = cboStudentClass.Text;

student.StudentCategory = cboCategoryOfStudent.Text;

student.StudentAddress = txtStudentAddress.Text;

student.StudentPhone = txtStudentPhoneNo.Text;

//student.insertStudentData();

this.Hide();

FrmExamination1 frmExamination1 = new FrmExamination1(userName, userType, student);

frmExamination1.Show();

}

}

}

}