**Лістинг програми**

**connectToBD.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using MySql.Data.MySqlClient;

namespace kursova\_BD

{

class connectionToBD

{

MySqlConnection connection = new MySqlConnection("server=localhost;port=3306;username=root;password=;database=brusentcov");

public void openConnction()

{

if (connection.State == System.Data.ConnectionState.Closed)

{

connection.Open();

}

}

public void closeConnction()

{

if (connection.State == System.Data.ConnectionState.Open)

{

connection.Close();

}

}

public MySqlConnection getConnection()

{

return connection;

}

}

}

**Form1.cs**

using MySql.Data.MySqlClient;

using System;

using System.Data;

using System.Drawing;

using System.Windows.Forms;

namespace kursova\_BD

{

public partial class Form1 : Form

{

DataTable connToBD(string request)

{

connectionToBD db = new connectionToBD();

DataTable table = new DataTable();

MySqlDataAdapter adapter = new MySqlDataAdapter();

MySqlCommand command = new MySqlCommand(request, db.getConnection());

adapter.SelectCommand = command;

adapter.Fill(table);

return table;

}

public Form1()

{

InitializeComponent();

Size = new Size(370, 207);

}

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

{

Form2 f2 = new Form2();

f2.Show();

f2.panel2.Visible = true;

f2.dataGridView1.Visible = false;

f2.dataGridView1.Enabled = true;

f2.Size = new Size(349, 367);

Hide();

}

private void Form1\_FormClosing(object sender, FormClosingEventArgs e)

{

Application.Exit();

}

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

{

}

}

}

**Form2.cs**

using MySql.Data.MySqlClient;

using System;

using System.Data;

using System.Drawing;

using System.Windows.Forms;

namespace kursova\_BD

{

public partial class Form2 : Form

{

public Form2()

{

InitializeComponent();

Size = new Size(1043, 262);

dataGridView1.Enabled = true;

panel2.Visible = true;

int c;

c = connToBD("select id\_group from goods\_group;").Rows.Count;

string st;

if (c > 0)

{

for (int i = 0; i < c; i++)

{

st = connToBD(string.Format("select name\_group from goods\_group where id\_group = {0};", i)).Rows[0][0].ToString();

comboBox2.Items.Add(st);

}

}

c = connToBD("select id\_pharmacy from pharmacy;").Rows.Count;

if (c > 0)

{

for (int i = 0; i < c; i++)

{

st = connToBD(string.Format("select adress from pharmacy where id\_pharmacy = {0};", i)).Rows[0][0].ToString();

comboBox1.Items.Add(st);

}

}//заповнення списку послуг

}

private void button4\_Click(object sender, EventArgs e) // вихід з акаунту

{

Form1 f1 = new Form1();

f1.Show();

Hide();

}

bool tovar = false, nakladna = false, shop = false;

DataTable connToBD(string request)

{

connectionToBD db = new connectionToBD();

DataTable table = new DataTable();

table.Clear();

MySqlDataAdapter adapter = new MySqlDataAdapter();

string queryString = request;

MySqlCommand command = new MySqlCommand(queryString, db.getConnection());

adapter.SelectCommand = command;

adapter.Fill(table);

return table;

}

private void button5\_Click(object sender, EventArgs e) //EXIT

{

Form1 f1 = new Form1();

f1.Show();

Hide();

}

private void Form2\_Activated(object sender, EventArgs e)

{

DataTable dt = new DataTable();

DataSet ds = new DataSet();

ds.Tables.Add(dt);

dataGridView1.Enabled = true;

}

private void Form2\_FormClosing(object sender, FormClosingEventArgs e)

{

Application.Exit();

}

//CHANGE PHOTO

string changeSymb(string a, string f, string d)

{

return a.Replace(d, f); ;

}

string g;

private void button13\_Click\_1(object sender, EventArgs e)

{

OpenFileDialog OPF = new OpenFileDialog();

OPF.Filter = "Зображення|\*.gif;\*.png;\*.jpg";

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

{

pictureBox2.Image = Image.FromFile(OPF.FileName);

g = changeSymb(OPF.FileName, "/", @"\");

g = changeSymb(g, "://", ":/");

connToBD(string.Format("update pharmacy set image\_pharmacy = \"{0}\" where adress = \"{1}\";", g, comboBox1.Text));

}

}

void edit(string sql)

{

DataTable table = new DataTable();

table.Clear();

try

{

using (MySqlConnection connection = new MySqlConnection("server=localhost;port=3306;username=root;password=;database=brusentcov"))

{

MySqlDataAdapter adapter = new MySqlDataAdapter(sql, connection);

MySqlCommandBuilder cmb = new MySqlCommandBuilder(adapter);

table = (DataTable)(dataGridView1.DataSource);

adapter.Update(table);

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

dataGridView1.Visible = true;

dataGridView1.DataSource = table;

}

private void button5\_Click\_3(object sender, EventArgs e) //EDIT

{

if (nakladna)

{

edit("select \* from invoice;");

}

if (tovar)

{

edit("select \* from goods;");

}

if (shop)

{

edit("select \* from pharmacy;");

}

}

private void button7\_Click\_2(object sender, EventArgs e) //pharmacy

{

try

{

panel2.Visible = true;

panel1.Visible = true;

panel1.Location = new Point(341, 9);

panel2.Location = new Point(12, 9);

dataGridView1.Visible = false;

dataGridView1.Enabled = true;

if (connToBD(string.Format("select image\_pharmacy from pharmacy where adress = \"{0}\";", comboBox1.Text)).Rows[0][0].ToString() != "")

{

pictureBox2.Image = Image.FromFile(connToBD(string.Format("select image\_pharmacy from pharmacy where adress = \"{0}\";", comboBox1.Text)).Rows[0][0].ToString());

}

else

{

pictureBox2.Image = Image.FromFile("Y://ООП/Брусенцов БД/kursova\_brusentsov/image/pharmacy.png");

}

pictureBox2.Visible = true;

button13.Visible = true;

label2.Text = "Адреса: " + comboBox1.Text;

}

catch (Exception)

{

panel2.Visible = true;

panel1.Visible = false;

dataGridView1.Enabled = true;

dataGridView1.Visible = true;

dataGridView1.Location = new Point(341, 9);

dataGridView1.DataSource = connToBD(string.Format("select \* from pharmacy;"));

}

Size = new Size(1043, 367);

tovar = false; nakladna = false; shop = true;

}

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

{

Size = new Size(1030, 367);

dataGridView1.Visible = true;

dataGridView1.Location = new Point(341, 9);

panel1.Visible = false;

Height = 367;

if (comboBox2.Text != "")

{

dataGridView1.DataSource = connToBD(string.Format("select \* from goods where id\_group = (select id\_group from goods\_group where name\_group = \"{0}\")"

+

";", comboBox2.Text));

}

else

{

dataGridView1.DataSource = connToBD(string.Format("select \* from goods "));

}

tovar = true; nakladna = false; shop = false;

}

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

{

dataGridView1.Visible = true;

dataGridView1.Location = new Point(341, 9);

panel1.Visible = false;

Size = new Size(1043, 367);

dataGridView1.DataSource = connToBD(string.Format("select \* from invoice;"));

tovar = false; nakladna = true; shop = false;

}

}

}