Приложение А

Министерство образования и науки Нижегородской области

Государственное бюджетное профессиональное

образовательное учреждение

«Заволжский автомоторный техникум»

**Листинг**

Автоматизированной информационной

системы “Ювелирная мастерская”

Разработал:

студент группы ПС-20Б

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Код формы Form1:

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 MySql.Data;

using MySql.Data.MySqlClient;

namespace jewellery

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

string Userlogin = textBox1.Text;

string Userpassword = textBox2.Text;

string connection\_str = "host=localhost; database = jewellery; uid = root; pwd =12345;";

MySqlConnection connection = new MySqlConnection(connection\_str);

connection.Open();

MySqlCommand command = new MySqlCommand("SELECT \* FROM user WHERE login = @uL AND pwd = @uP;", connection);

command.Parameters.Add("@uL", MySqlDbType.VarChar).Value = Userlogin;

command.Parameters.Add("@uP", MySqlDbType.VarChar).Value = Userpassword;

DataTable table = new DataTable();

command.Connection = new MySqlConnection(connection\_str);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

if (Userlogin == "admin" && Userpassword == "admin") //разграничение доступа

{

this.Hide();

Admin Admin = new Admin();

Admin.ShowDialog();

}

else if (Userlogin == "master" && Userpassword == "master")

{

this.Hide();

Offers offers = new Offers();

offers.ShowDialog();

}

else if (table.Rows.Count > 0)

{

this.Hide();

User User = new User();

User.ShowDialog();

}

else

{

MessageBox.Show("Неверный логин или пароль", "Внимание", MessageBoxButtons.OK, //сообщение об ошибке

MessageBoxIcon.Error);

}

}

}

}

Код формы Admin:

using MySql.Data.MySqlClient;

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace jewellery

{

public partial class Admin : Form

{

ConnectionString str = new ConnectionString();

BackupData backup = new BackupData();

public Admin()

{

InitializeComponent();

}

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

{

Offers Offers = new Offers(); //переход на форму просмотр заказов

Offers.ShowDialog();

}

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

{

Products Products = new Products(); //переход на форму просмотр товаров

Products.ShowDialog();

}

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

{

DB DB = new DB(); //переход на форму просмотр БД

DB.ShowDialog();

}

private void button4\_Click(object sender, EventArgs e)

{

Add\_offer Add\_offer = new Add\_offer();

Add\_offer.ShowDialog(); //кнопка перехода на форму добавить заказ

}

private void button3\_Click(object sender, EventArgs e)

{

backup.Backup();

this.Close();

}

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

{

DataCopy dc = new DataCopy(); //кнопка резервного копирования

dc.ShowDialog();

}

}

}

Код формы User:

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 jewellery

{

public partial class User : Form

{

BackupData backup = new BackupData();

public User()

{

InitializeComponent();

}

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

{

Offers offers = new Offers(); //открытие формы заказов

offers.ShowDialog();

}

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

{

Products products = new Products(); //открытие формы товаров

products.ShowDialog();

}

private void button4\_Click(object sender, EventArgs e)

{

Add\_offer AO = new Add\_offer(); //открытие формы добавления заказов

AO.ShowDialog();

}

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

{

backup.Backup(); //выход/ создание резервной копии

this.Close();

}

}

}

Код формы DB:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Configuration;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Text.RegularExpressions;

using System.Threading.Tasks;

using System.Windows.Forms;

using MySql.Data.MySqlClient;

namespace jewellery

{

public partial class DB : Form

{

Connector con = new Connector();

KeyPressNums onlynum = new KeyPressNums();

OnlySymbols onlysym = new OnlySymbols();

Load\_Data load = new Load\_Data();

ConnectionString str = new ConnectionString();

DataGridView dvg = new DataGridView();

ExportCSV export = new ExportCSV();

ImportCSV import = new ImportCSV();

double count;

int NextPage = 1;

int NumInPage = 5;

public DB()

{

InitializeComponent();

load.LoadData("", "user", dataGridView2, "SELECT id\_user, login as 'Логин', pwd as 'Пароль', role as 'Роль' FROM user;");

load.LoadData("", "clients", dataGridView3, "SELECT id\_client, surname as 'Фамилия', name as 'Имя', patronymic as 'Отчество', phone\_number as 'Номер телефона' FROM clients;");

load.LoadData("", "categories", dataGridView4, "SELECT \* FROM categories");

load.LoadData("", "type\_weaving", dataGridView5, "SELECT \* FROM type\_weaving");

textBox\_id.Visible = false;

label4.Visible = false;

textBox2.Visible = false;

textBox3.Visible = false;

next("clients", dataGridView3);

}

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

{

string conStr = "";

string login = textBox1.Text;

string pwd = textBox4.Text;

string role = comboBox1.Text;

string query = string.Format("INSERT INTO user (login, pwd, role) VALUES ('{0}', '{1}', '{2}')", login, pwd, role);//запрос на добавление данных

con.Connection(conStr, query);

MessageBox.Show("Данные успешно добавлены", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information); // сообщение об успешном добавление

load.LoadData("", "user", dataGridView2, "SELECT id\_user, login as 'Логин', pwd as 'Пароль', role as 'Роль' FROM user;"); //загрузка таблицы

textBox1.Clear();

textBox4.Clear();

}

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

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning); //Оповещение

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

string query = "DELETE FROM user WHERE id\_user = @pId;"; //запрос на удаление

MySqlCommand command = new MySqlCommand(query, connection);

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView2.CurrentRow.Cells["id\_user"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView2.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView2.DataSource = table;

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

load.LoadData("", "user", dataGridView2, "SELECT id\_user, login as 'Логин', pwd as 'Пароль', role as 'Роль' FROM user;"); // загрузка таблицы

}

}

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

{

string conStr = "";

string query = "UPDATE users SET login= '" + textBox1.Text + "', pwd = '" + textBox4.Text + ", role = '" + comboBox1.Text + "' WHERE id\_user = @pId;"; //запрос на редактирование

con.c(dvg, query, conStr);

load.LoadData("", "user", dataGridView2, "SELECT id\_user, login as 'Логин', pwd as 'Пароль', role as 'Роль' FROM user;"); //закгрузка таблицы

textBox4.Clear();

textBox\_name.Clear();

}

private void button14\_Click(object sender, EventArgs e)

{

if (textBox8.Text == "")

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

else

{

string conStr = "";

string name = textBox8.Text;

string query = string.Format("INSERT INTO categories (name\_category) VALUES ('{0}')", name); //запрос на добавление

con.Connection(conStr, query);

MessageBox.Show("Данные успешно добавлены", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

load.LoadData("", "categories", dataGridView4, "SELECT \* FROM categories");

textBox8.Clear();

}

}

private void textBox11\_TextChanged(object sender, EventArgs e)

{

string search = textBox11.Text;

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

string query = "SELECT \* FROM user WHERE concat(login) LIKE '" + textBox11.Text + "%';"; //поиск пользователей

if (search.Length == 0)

{

query = "SELECT \* FROM user";

}

MySqlCommand command = new MySqlCommand(query, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

DataTable table = new DataTable();

dataGridView2.DataSource = table;

dataGridView2.AllowUserToAddRows = false;

dataGridView2.AllowUserToResizeRows = false;

dataGridView2.ReadOnly = true;

dataAdapter.Fill(table);

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

}

private void button9\_Click(object sender, EventArgs e)

{

if (textBox\_surname.Text == "" || textBox\_name.Text == "" || textBox\_pat.Text == "" || textBox\_phone.Text == "")

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error); //сообщение об ошшибке

}

else

{

string name = textBox\_name.Text;

string surname = textBox\_surname.Text;

string patronymic = textBox\_pat.Text;

string phone\_number = textBox\_phone.Text;

string conStr = "";

try

{

string query = string.Format("INSERT INTO clients (name, surname, patronymic, phone\_number) VALUES ('{0}', '{1}', '{2}', '{3}')", name, surname, patronymic, phone\_number); //запрос на добавление клиентов

con.Connection(conStr, query);

MessageBox.Show("Данные успешно добавлены", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information); //оповещение что данные добавлены

}

catch (Exception ex)

{

Console.WriteLine(ex.Message);

}

load.LoadData("", "clients", dataGridView3, "SELECT \* FROM clients"); //загрузка таблицы

textBox\_name.Clear();

textBox\_surname.Clear();

textBox\_pat.Clear();

textBox\_phone.Clear();

}

}

private void button4\_Click(object sender, EventArgs e)

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM clients WHERE id\_client = @pId;", connection); //запрос на удаление данных

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView3.CurrentRow.Cells["id\_client"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView2.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView2.DataSource = table;

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

load.LoadData("", "clients", dataGridView3, "SELECT \* FROM clients"); //загрузка таблицы

}

}

private void textBox12\_TextChanged(object sender, EventArgs e)

{

string search = textBox12.Text;

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

string query = "SELECT \* FROM clients WHERE concat(name, surname, patronymic, phone\_number) LIKE '" + textBox12.Text + "%';"; // поиск клиентов по имени

if (search.Length == 0)

{

query = "SELECT \* FROM clients";

}

MySqlCommand command = new MySqlCommand(query, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

DataTable table = new DataTable();

dataGridView3.DataSource = table;

dataGridView3.AllowUserToAddRows = false;

dataGridView3.AllowUserToResizeRows = false;

dataGridView3.ReadOnly = true;

dataAdapter.Fill(table);

dataGridView3.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

}

private void button6\_Click(object sender, EventArgs e)

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM categories WHERE id\_category = @pId;", connection); //запрос на удаление

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView4.CurrentRow.Cells["id\_category"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView4.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView4.DataSource = table;

dataGridView4.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

load.LoadData("", "categories", dataGridView4, "SELECT \* FROM categories"); //загрузка таблицы

}

}

private void button15\_Click(object sender, EventArgs e)

{

if (textBox9.Text == "")

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error); // сообщение об ошибке

}

else

{

string name = textBox9.Text;

string conStr = "";

string query = string.Format("INSERT INTO type\_weaving (name) VALUES ('{0}')", name); //запрос на добавление

con.Connection(conStr, query);

MessageBox.Show("Данные успешно добавлены", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

load.LoadData("", "type\_weaving", dataGridView5, "SELECT \* FROM type\_weaving");

textBox9.Clear();

}

}

private void button8\_Click(object sender, EventArgs e)

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM type\_weaving WHERE id\_type\_weaving = @pId;", connection); //удаление данных

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView5.CurrentRow.Cells["id\_type\_weaving"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView5.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView5.DataSource = table;

dataGridView5.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

load.LoadData("", "type\_weaving", dataGridView5, "SELECT \* FROM type\_weaving"); //загрузка таблицы

}

}

private void textBox13\_TextChanged(object sender, EventArgs e)

{

string search = textBox13.Text;

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

string query = "SELECT \* FROM categories WHERE concat(name) LIKE '" + textBox13.Text + "%';"; //поиск по категориям

if (search.Length == 0)

{

query = "SELECT \* FROM categories";

}

MySqlCommand command = new MySqlCommand(query, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

DataTable table = new DataTable();

dataGridView4.DataSource = table;

dataGridView4.AllowUserToAddRows = false;

dataGridView4.AllowUserToResizeRows = false;

dataGridView4.ReadOnly = true;

dataAdapter.Fill(table);

dataGridView4.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

}

private void textBox14\_TextChanged(object sender, EventArgs e)

{

string search = textBox14.Text;

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr)); //подключение к БД

connection.Open();

string query = "SELECT \* FROM type\_weaving WHERE concat(name) LIKE '" + textBox14.Text + "%';"; // поиск по типам плетения

if (search.Length == 0)

{

query = "SELECT \* FROM type\_weaving";

}

MySqlCommand command = new MySqlCommand(query, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

DataTable table = new DataTable();

dataGridView5.DataSource = table;

dataGridView5.AllowUserToAddRows = false;

dataGridView5.AllowUserToResizeRows = false;

dataGridView5.ReadOnly = true;

dataAdapter.Fill(table); //заполнение таблички

dataGridView5.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

}

private void button3\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "UPDATE clients SET name= '" + textBox\_name.Text + "', surname = '" + textBox\_surname.Text + "', patronymic = '" + textBox\_pat.Text + "', phone\_number = '" + textBox\_phone.Text + "' WHERE id\_client = " + textBox\_id.Text + ";"; //запрос на редактирование

con.c(dataGridView3, query, conStr);

load.LoadData("","clients", dataGridView3, "SELECT \* FROM clients"); //загрузка таблицы

textBox\_name.Clear();

textBox\_surname.Clear();

textBox\_pat.Clear();

textBox\_phone.Clear();

textBox\_id.Clear();

}

private void dataGridView3\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

foreach (DataGridViewRow row in dataGridView3.SelectedRows)

{

textBox\_name.Text = row.Cells[1].Value.ToString();

textBox\_surname.Text = row.Cells[2].Value.ToString(); //заполнение текстбокса по индексу

textBox\_pat.Text = row.Cells[3].Value.ToString();

textBox\_phone.Text = row.Cells[4].Value.ToString();

textBox\_id.Text = row.Cells[0].Value.ToString();

}

}

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

{

string conStr = "";

string query = "UPDATE categories SET name= '" + textBox8.Text + "' WHERE id\_category = " + textBox2.Text + ";"; //запрос на редактирование

con.c(dvg, query, conStr);

load.LoadData("","categories", dataGridView4, "SELECT \* FROM categories"); //загрузка таблицы

textBox8.Clear();

textBox2.Clear();

}

private void dataGridView4\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

foreach (DataGridViewRow row in dataGridView4.SelectedRows)

{

textBox8.Text = row.Cells[1].Value.ToString();

textBox2.Text = row.Cells[0].Value.ToString();

}

}

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

{

string conStr = "";

string query = "UPDATE type\_weaving SET name= '" + textBox9.Text + "' WHERE id\_type\_weaving = " + textBox3.Text + ";"; //запрос на редактирование

con.c(dvg, query, conStr);

load.LoadData("","type\_weaving", dataGridView5, "SELECT \* FROM type\_weaving"); // загрузка таблицы

textBox9.Clear();

textBox3.Clear();

}

public void next(string TableName, DataGridView dvg)

{

string conStr = "";

try

{

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));// строка подключения

connection.Open();

string queryLimit = "select \* from " + TableName + " limit " + NumInPage + " offset " + (NumInPage \* (NextPage - 1));

MySqlCommand commandOut = new MySqlCommand(queryLimit, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(commandOut);

DataTable table = new DataTable();

dataAdapter.Fill(table);

dvg.DataSource = table;

string queryCount = "select count(\*) from " + TableName + ";";

MySqlCommand commandCount = new MySqlCommand(queryCount, connection);

int MaxCount = Convert.ToInt32(commandCount.ExecuteScalar());

count = Math.Ceiling(Convert.ToDouble(MaxCount) / NumInPage); //Возвращает наименьшее

//целое число, которое больше

//или равно указанному числу.

connection.Close();

label13.Text = count.ToString();

label14.Text = NextPage.ToString();

if (NextPage == 1)

{

button\_back.Visible = false;

}

if (NextPage == count)

{

button\_next.Visible = false;

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

return;

}

}

private void dataGridView5\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

foreach (DataGridViewRow row in dataGridView5.SelectedRows)

{

textBox9.Text = row.Cells[1].Value.ToString();

textBox3.Text = row.Cells[0].Value.ToString();

}

}

private void button10\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT \* FROM clients ORDER BY Surname"; //сортировка клиентов по фамилии

con.c(dataGridView3, query, conStr);

}

private void button12\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT \* FROM type\_weaving ORDER BY name"; //сортировка типов плетения по имени

con.c(dataGridView5, query, conStr);

}

private void button11\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT \* FROM clients WHERE surname = '" + textBox5.Text + "';";//фильтрация клиентотв по фамилии

con.c(dataGridView3, query, conStr);

}

private void button16\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT \* FROM type\_weaving WHERE name = '" + textBox6.Text + "';"; //фильтрация типов плетения по названию

con.c(dataGridView5, query, conStr);

}

private void textBox\_phone\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynum.OnlyNums(ch, e); //ограничение ввода по числам

}

private void textBox\_name\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e); //ограничение ввода только символы

}

private void textBox\_surname\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e);

}

private void textBox\_pat\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e);

}

private void textBox8\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e);

}

private void textBox9\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e);

}

private void textBox\_surname\_TextChanged(object sender, EventArgs e)

{

}

private void button17\_Click(object sender, EventArgs e)

{

this.Hide(); //выход

}

private void button\_next\_Click(object sender, EventArgs e)

{

NextPage++;

next("clients", dataGridView3); //перелистывание пагинации вперед

button\_back.Visible = true;

}

private void button\_back\_Click(object sender, EventArgs e)

{

NextPage--;//перелиистывании пагинации назад

next("clients", dataGridView3);

button\_next.Visible = true;

}

private void button18\_Click(object sender, EventArgs e)

{

}

private void pictureBox1\_Click(object sender, EventArgs e)

{

try

{

export.ToCSV(dataGridView3, "clients.csv"); //экспорт в CSV

MessageBox.Show("Данные успешно экспортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

try

{

export.ToCSV(dataGridView2, "users.csv");

MessageBox.Show("Данные успешно экспортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

}

private void pictureBox3\_Click(object sender, EventArgs e)

{

try

{

export.ToCSV(dataGridView4, "categories.csv");

MessageBox.Show("Данные успешно экспортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

}

private void pictureBox4\_Click(object sender, EventArgs e)

{

try

{

export.ToCSV(dataGridView5, "type\_weaving.csv");

MessageBox.Show("Данные успешно экспортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

}

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

{

string conStr = "";

string Sql = "select role from user";

string query = "select name\_category from categories";

MySqlConnection conn = new MySqlConnection(str.ConString(conStr));

conn.Open();

MySqlCommand cmd = new MySqlCommand(Sql, conn);

// MySqlCommand cmd2 = new MySqlCommand(query, conn);

MySqlDataReader DR = cmd.ExecuteReader();

// MySqlDataReader DR2 = cmd2.ExecuteReader();

while (DR.Read()) //заполнение комбобокса данными из БД

{

comboBox1.Items.Add(DR[0]);

}

}

private void button19\_Click(object sender, EventArgs e)

{

try

{

OpenFileDialog fd = new OpenFileDialog();

fd.DefaultExt = "\*.csv";

fd.Filter = "CSV files (\*.csv)|\*.csv";

fd.ShowDialog();

string conStr = "";

var lineNumber = 0;

using (MySqlConnection conn = new MySqlConnection(str.ConString(conStr)))

{

conn.Open();

string file = fd.FileName;

using (StreamReader reader = new StreamReader(file, Encoding.GetEncoding("windows-1251")))

{

while (!reader.EndOfStream)

{

var line = reader.ReadLine(); //импорт данных из CSV

if (lineNumber != 0)

{

var values = line.Split(';');

var sql = "INSERT INTO clients VALUES (" + values[0] + ",'" + values[1] + "','" + values[2] + "','" + values[3] + "','" + values[4] + "')";

var cmd = new MySqlCommand();

cmd.CommandText = sql;

cmd.CommandType = System.Data.CommandType.Text;

cmd.Connection = conn;

cmd.ExecuteNonQuery();

}

lineNumber++;

}

}

MessageBox.Show("Данные успешно импортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

conn.Close();

}

}

catch (Exception)

{

MessageBox.Show("Ошибка импорта", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

load.LoadData("", "clients", dataGridView3, "SELECT \* FROM clients");

next("clients", dataGridView3);

}

private void button18\_Click\_1(object sender, EventArgs e)

{

try

{

OpenFileDialog fd = new OpenFileDialog();

fd.DefaultExt = "\*.csv";

fd.Filter = "CSV files (\*.csv)|\*.csv";

fd.ShowDialog();

string conStr = "";

var lineNumber = 0;

using (MySqlConnection conn = new MySqlConnection(str.ConString(conStr)))

{

conn.Open();//импорт данных из CSV

string file = fd.FileName;

using (StreamReader reader = new StreamReader(file, Encoding.GetEncoding("windows-1251")))

{

while (!reader.EndOfStream)

{

var line = reader.ReadLine();

if (lineNumber != 0)

{

var values = line.Split(';');

var sql = "INSERT INTO user VALUES (" + values[0] + ",'" + values[1] + "','" + values[2] + "','" + values[3] + "')";

var cmd = new MySqlCommand();

cmd.CommandText = sql;

cmd.CommandType = System.Data.CommandType.Text;

cmd.Connection = conn;

cmd.ExecuteNonQuery();

}

lineNumber++;

}

}

MessageBox.Show("Данные успешно импортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

conn.Close();

}

}

catch (Exception)

{

MessageBox.Show("Ошибка импорта", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

load.LoadData("", "user", dataGridView2, "SELECT id\_user, login as 'Логин', pwd as 'Пароль', role as 'Роль' FROM user;");

}

private void button20\_Click(object sender, EventArgs e)

{

try

{

OpenFileDialog fd = new OpenFileDialog();

fd.DefaultExt = "\*.csv";

fd.Filter = "CSV files (\*.csv)|\*.csv";

fd.ShowDialog();

string conStr = "";

var lineNumber = 0;

using (MySqlConnection conn = new MySqlConnection(str.ConString(conStr)))

{//импорт данных из CSV

conn.Open();

string file = fd.FileName;

using (StreamReader reader = new StreamReader(file, Encoding.GetEncoding("windows-1251")))

{

while (!reader.EndOfStream)

{

var line = reader.ReadLine();

if (lineNumber != 0)

{

var values = line.Split(';');

var sql = "INSERT INTO categories VALUES (" + values[0] + ",'" + values[1] + "')";

var cmd = new MySqlCommand();

cmd.CommandText = sql;

cmd.CommandType = System.Data.CommandType.Text;

cmd.Connection = conn;

cmd.ExecuteNonQuery();

}

lineNumber++;

}

}

MessageBox.Show("Данные успешно импортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

conn.Close();

}

}

catch (Exception)

{

MessageBox.Show("Ошибка импорта", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

load.LoadData("", "categories", dataGridView4, "SELECT \* FROM categories");

}

private void button21\_Click(object sender, EventArgs e)

{

try

{

OpenFileDialog fd = new OpenFileDialog();

fd.DefaultExt = "\*.csv";

fd.Filter = "CSV files (\*.csv)|\*.csv";

fd.ShowDialog();

string conStr = "";//импорт данных из CSV

var lineNumber = 0;

using (MySqlConnection conn = new MySqlConnection(str.ConString(conStr)))

{

conn.Open();

string file = fd.FileName;

using (StreamReader reader = new StreamReader(file, Encoding.GetEncoding("windows-1251")))

{

while (!reader.EndOfStream)

{

var line = reader.ReadLine();

if (lineNumber != 0)

{

var values = line.Split(';');

var sql = "INSERT INTO type\_weaving VALUES (" + values[0] + ",'" + values[1] + "')";

var cmd = new MySqlCommand();

cmd.CommandText = sql;

cmd.CommandType = System.Data.CommandType.Text;

cmd.Connection = conn;

cmd.ExecuteNonQuery();

}

lineNumber++;

}

}

MessageBox.Show("Данные успешно импортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

conn.Close();

}

}

catch (Exception)

{

MessageBox.Show("Ошибка импорта", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

load.LoadData("", "type\_weaving", dataGridView5, "SELECT \* FROM type\_weaving");

}

}

}

Код формы Products:

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using MySql.Data.MySqlClient;

namespace jewellery

{

public partial class Products : Form

{

Connector con = new Connector();

KeyPressNums onlynum = new KeyPressNums();

OnlySymbols onlysym = new OnlySymbols();

Load\_Data load = new Load\_Data();

ConnectionString str = new ConnectionString();

DataGridView dvg = new DataGridView();

Delete\_Data delete = new Delete\_Data();

ExportCSV export = new ExportCSV();

public Products()

{

InitializeComponent();

load.LoadDataProducts("", dataGridView1);

textBox6.Visible = false;

next(dataGridView1);

}

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

{

if (textBox4.Text == "" || textBox1.Text == "" || textBox2.Text == "" || textBox3.Text == "" || textBox3.Text == "" || textBox7.Text == "" || textBox5.Text == "")

{

MessageBox.Show("Данные не введены", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

else

{

try

{

string conStr = "";

string id\_category = textBox4.Text;

string name\_product = textBox1.Text;

int weight = Convert.ToInt32(textBox2.Text);

int price = Convert.ToInt32(textBox3.Text);

int count = Convert.ToInt32(textBox7.Text);

int id\_typew = Convert.ToInt32(textBox5.Text);

string query = string.Format("INSERT INTO products (id\_category, id\_type\_weaving, name\_product, weight, price, count) VALUES ('{0}', '{1}', '{2}','{3}', '{4}', '{5}')", id\_category, id\_typew, name\_product, weight, price, count);

con.Connection(conStr, query);

load.LoadDataProducts("", dataGridView1); //добавление товаров

next(dataGridView1);

MessageBox.Show("Данные успешно добавлены", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show(ex.ToString());

}

textBox4.Clear();

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

textBox7.Clear();

}

}

private void button3\_Click(object sender, EventArgs e)

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));//строка подключения

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM products WHERE id\_product = @pId;", connection); //удаление данных

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView1.CurrentRow.Cells["id\_product"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView1.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView1.DataSource = table;

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

load.LoadDataProducts("", dataGridView1);

next(dataGridView1);

}

}

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

{

string conStr = "";

string query = "UPDATE products SET id\_category= " + textBox4.Text + ", name\_product = '" + textBox1.Text + "', weight = " + textBox2.Text + ", price = " + textBox3.Text + ", count = " + textBox7.Text + " WHERE id\_product = " + textBox6.Text + ";";

con.c(dvg, query, conStr); //редактирование данных

load.LoadDataProducts("", dataGridView1);

next(dataGridView1);

textBox4.Clear();

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

textBox6.Clear();

textBox7.Clear();

}

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

{

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView1.SelectedRows)

{

textBox4.Text = row.Cells[1].Value.ToString();

textBox2.Text = row.Cells[4].Value.ToString();

textBox1.Text = row.Cells[3].Value.ToString();

textBox5.Text = row.Cells[2].Value.ToString();

textBox6.Text = row.Cells[0].Value.ToString();

textBox3.Text = row.Cells[5].Value.ToString();

textBox7.Text = row.Cells[6].Value.ToString();

}

}

double count;

int NextPage = 1;

int NumInPage = 5;

public void next(DataGridView dvg)

{

string conStr = "";

try

{

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

string queryLimit = "select id\_product, name\_category as 'Категория товара', name\_weaving as 'Тип плетения', name\_product as 'Наименование', weight as 'Вес', price as 'Цена', count as 'Количество' from products JOIN categories ON products.id\_category = categories.id\_category JOIN type\_weaving ON products.id\_type\_weaving = type\_weaving.id\_type\_weaving limit " + NumInPage + " offset " + (NumInPage \* (NextPage - 1));

MySqlCommand commandOut = new MySqlCommand(queryLimit, connection);

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(commandOut);

DataTable table = new DataTable();

dataAdapter.Fill(table);

dvg.DataSource = table;

string queryCount = "select count(\*) from products;";

MySqlCommand commandCount = new MySqlCommand(queryCount, connection);

int MaxCount = Convert.ToInt32(commandCount.ExecuteScalar());

count = Math.Ceiling(Convert.ToDouble(MaxCount) / NumInPage); //Возвращает наименьшее

//целое число, которое больше

//или равно указанному числу.

connection.Close();

label13.Text = count.ToString();

label14.Text = NextPage.ToString();

if (NextPage == 1)

{

button\_back.Visible = false;

}

if (NextPage == count)

{

button\_next.Visible = false;

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

return;

}

}

private void textBox1\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlysym.GetOnlySymbols(ch, e);

}

private void textBox4\_KeyPress(object sender, KeyPressEventArgs e)

{

}

private void textBox5\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynum.OnlyNums(ch, e);

}

private void textBox2\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynum.OnlyNums(ch, e);

}

private void textBox3\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynum.OnlyNums(ch, e);

}

private void button4\_Click(object sender, EventArgs e)

{

this.Hide();

Basket basket = new Basket();

basket.ShowDialog();

}

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

{

this.Hide(); //выход

}

private void button\_next\_Click(object sender, EventArgs e)

{

NextPage++;

next(dataGridView1);//листание пагинации вперед

button\_back.Visible = true;

}

private void button\_back\_Click(object sender, EventArgs e)

{

NextPage--;

next(dataGridView1);//листание пагинации назад

button\_next.Visible = true;

}

private void button6\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT id\_product, name\_category as 'Категория товара', name\_weaving as 'Тип плетения', name\_product as 'Наименование', weight as 'Вес', price as 'Цена', count as 'Количество' FROM products JOIN categories ON products.id\_category = categories.id\_category JOIN type\_weaving ON products.id\_type\_weaving = type\_weaving.id\_type\_weaving WHERE name\_category = 'Цепи';";

con.c(dataGridView1, query, conStr);

}

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

{

string conStr = "";

string query = "SELECT id\_product, name\_category as 'Категория товара', name\_weaving as 'Тип плетения', name\_product as 'Наименование', weight as 'Вес', price as 'Цена', count as 'Количество' FROM products JOIN categories ON products.id\_category = categories.id\_category JOIN type\_weaving ON products.id\_type\_weaving = type\_weaving.id\_type\_weaving ORDER BY name\_product;";

con.c(dataGridView1, query, conStr);

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

try

{

export.ToCSV(dataGridView1, "products.csv");

MessageBox.Show("Данные успешно экспортированы", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

}

}

}

Код формы Offers:

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 MySql.Data.MySqlClient;

using Word = Microsoft.Office.Interop.Word;

namespace jewellery

{

public partial class Offers : Form

{

Connector con = new Connector();

Load\_Data load = new Load\_Data();

ConnectionString str = new ConnectionString();

KeyPressNums onlynums = new KeyPressNums();

DataGridView dvg = new DataGridView();

public Offers()

{

InitializeComponent();

LoadDataOffers("", dataGridView1);

load.LoadData("","order\_create", dataGridView2, "SELECT \* FROM order\_create");

textBox10.Visible = false;

label8.Visible = false;

textBox6.Visible = false;

}

void LoadDataOffers(string conStr, DataGridView dvg)

{

string query = "SELECT id\_order\_buy, StatusName as 'Статус', ProductName as 'Наименование', ProductCategory as 'Категория', Count as 'Количество', Price as 'Цена' FROM order\_buy JOIN Status ON order\_buy.StatusId = Status.StatusId; ";

load.SQLConnection(conStr, dvg, query);

}

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

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr)); //строка подключения

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM order\_buy WHERE id\_order\_buy = @pId;", connection); //удаление

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView1.CurrentRow.Cells["id\_order\_buy"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView1.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView1.DataSource = table;

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

LoadDataOffers("", dataGridView1);

}

}

private void button4\_Click(object sender, EventArgs e)

{

DialogResult result = MessageBox.Show("Вы действительно хотите удалить?", "Внимание", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (result == DialogResult.Yes)

{

string conStr = "";

MySqlConnection connection = new MySqlConnection(str.ConString(conStr)); //строка подключения

connection.Open();

MySqlCommand command = new MySqlCommand("DELETE FROM order\_create WHERE id\_order\_create = @pId;", connection); //удаление

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView2.CurrentRow.Cells["id\_order\_create"].Value));

command.ExecuteNonQuery();

DataTable table = new DataTable();

dataGridView2.DataSource = table;

command.Connection = new MySqlConnection(str.ConString(conStr));

MySqlDataAdapter dataAdapter = new MySqlDataAdapter(command);

dataAdapter.Fill(table);

dataGridView2.DataSource = table;

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

connection.Close();

LoadDataOffers("", dataGridView1);

}

}

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

{

string conStr = "";

string query = "UPDATE order\_buy SET StatusId = '" + comboBox2.Text + "', ProductName = '" + textBox2.Text + "', ProductCategory = '"+ comboBox1.Text + "', Count = " + textBox1.Text + ", Price = " + textBox5.Text + " WHERE id\_order\_buy = '" + textBox6.Text + "';";

con.c(dvg, query, conStr); //редактирование данных

LoadDataOffers("", dataGridView1);

textBox1.Clear();

textBox2.Clear();

textBox5.Clear();

textBox6.Clear();

}

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

{

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView1.SelectedRows)

{

textBox1.Text = row.Cells[4].Value.ToString();

comboBox1.Text = row.Cells[3].Value.ToString();

//comboBox2.Text = row.Cells[1].Value.ToString();

textBox2.Text = row.Cells[2].Value.ToString();

textBox5.Text = row.Cells[5].Value.ToString();

textBox6.Text = row.Cells[0].Value.ToString();

}

}

private void textBox1\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynums.OnlyNums(ch, e);

}

private void textBox2\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynums.OnlyNums(ch, e);

}

private void textBox3\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynums.OnlyNums(ch, e);

}

private void textBox4\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynums.OnlyNums(ch, e);

}

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

{

this.Hide();

}

private void dataGridView2\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView2.SelectedRows)

{

textBox10.Text = row.Cells[0].Value.ToString();

textBox8.Text = row.Cells[1].Value.ToString();

textBox7.Text = row.Cells[2].Value.ToString();

textBox3.Text = row.Cells[3].Value.ToString();

textBox4.Text = row.Cells[4].Value.ToString();

}

}

private void dataGridView1\_CellFormatting(object sender, DataGridViewCellFormattingEventArgs e)

{

if (this.dataGridView1.Columns[e.ColumnIndex].Name == "StatusId")

{

if(e.ColumnIndex == 2)

{

e.CellStyle.BackColor = Color.Green;

}

}

}

private void button6\_Click(object sender, EventArgs e)

{

Word.Application wdApp = new Word.Application();

Word.Document wdDoc = null;

Object wdMiss = System.Reflection.Missing.Value;

wdDoc = wdApp.Documents.Add(ref wdMiss, ref wdMiss, ref wdMiss, ref wdMiss);

// устанавливаем ориентацию (вид) документа

wdDoc.PageSetup.Orientation = Word.WdOrientation.wdOrientPortrait;

// устанавливаем размеры полей

wdDoc.PageSetup.TopMargin = wdApp.InchesToPoints(0.60f); //0.67 = 1.7 см

wdDoc.PageSetup.BottomMargin = wdApp.InchesToPoints(0.60f);

wdDoc.PageSetup.LeftMargin = wdApp.InchesToPoints(0.80f);

wdDoc.PageSetup.RightMargin = wdApp.InchesToPoints(0.59f); //0.59 = 1.5 см

// выводим документ на экран

wdApp.Visible = true;

// устанваливаем интервал между строками

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

// вставляем новый параграф

// имя параграфа

Word.Paragraph oPara5b;

oPara5b = wdDoc.Content.Paragraphs.Add(ref wdMiss);

//текст в параграфе

oPara5b.Range.Text = "Чек";

//выравнивание в документе

oPara5b.Alignment = Word.WdParagraphAlignment.wdAlignParagraphCenter;

//размер шрифта

oPara5b.Range.Font.Size = Convert.ToInt32(26);

oPara5b.Range.InsertParagraphAfter();

// закрываем параграф

oPara5b.CloseUp();

// и так можно вставлять параграфв неограниченное количество

string count = textBox1.Text;

string name = textBox2.Text;

string price = textBox5.Text;

string category = comboBox1.Text;

string status = comboBox2.Text;

// текст на новой странице

Word.Paragraph Par1;

Par1 = wdDoc.Content.Paragraphs.Add(ref wdMiss);

Par1.Range.Text = "Количество: " + count;

Par1.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par1.Range.Font.Size = Convert.ToInt32(14);

Par1.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par1.Range.InsertParagraphAfter();

Par1.CloseUp();

Word.Paragraph Par2;

Par2 = wdDoc.Content.Paragraphs.Add(ref wdMiss);

Par2.Range.Text = "Наименование: " + name;

Par2.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par2.Range.Font.Size = Convert.ToInt32(14);

Par2.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par2.Range.InsertParagraphAfter();

Par2.CloseUp();

Word.Paragraph Par3;

Par3 = wdDoc.Content.Paragraphs.Add(ref wdMiss);

Par3.Range.Text = "Цена: " + price;

Par3.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par3.Range.Font.Size = Convert.ToInt32(14);

Par3.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par3.Range.InsertParagraphAfter();

Par3.CloseUp();

Word.Paragraph Par4;

Par4 = wdDoc.Content.Paragraphs.Add(ref wdMiss);

if(category == "1")

{

Par4.Range.Text = "Категория: Кресты" ;

Par4.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par4.Range.Font.Size = Convert.ToInt32(14);

Par4.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par4.Range.InsertParagraphAfter();

Par4.CloseUp();

}

else

{

Par4.Range.Text = "Категория: Цепи";

Par4.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par4.Range.Font.Size = Convert.ToInt32(14);

Par4.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par4.Range.InsertParagraphAfter();

Par4.CloseUp();

}

Word.Paragraph Par5;

Par5 = wdDoc.Content.Paragraphs.Add(ref wdMiss);

if(status == "1")

{

Par5.Range.Text = "Статус: Не оплачен";

Par5.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par5.Range.Font.Size = Convert.ToInt32(14);

Par5.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par5.Range.InsertParagraphAfter();

Par5.CloseUp();

}

else

{

Par5.Range.Text = "Статус: Оплачен";

Par5.Alignment = Word.WdParagraphAlignment.wdAlignParagraphJustify;

Par5.Range.Font.Size = Convert.ToInt32(14);

Par5.Range.Font.Bold = 0;

wdApp.ActiveWindow.Selection.ParagraphFormat.LineSpacingRule = Word.WdLineSpacing.wdLineSpaceSingle;

wdApp.ActiveWindow.Selection.ParagraphFormat.SpaceAfter = 0.0F;

Par5.Range.InsertParagraphAfter();

Par5.CloseUp();

}

// Сохранение документа в файл

try

{

// можно прописать полный путь сохранения к файлу

// по-умолчанию, файл сохраняется в мои документы

object filename = @"\_example\_file\_ms-word" + ".doc";

//сохраняем документ на диске

wdDoc.SaveAs(ref filename);

// Закрываем текущий документ

wdDoc.Close(ref wdMiss, ref wdMiss, ref wdMiss);

wdDoc = null;

// Закрываем приложение Word

wdApp.Quit(ref wdMiss, ref wdMiss, ref wdMiss);

wdDoc = null;

}

catch (Exception y)

{

Console.WriteLine("Ошибка сохранения документа", y.ToString());

}

}

private void button8\_Click(object sender, EventArgs e)

{

string conStr = "";

string query = "SELECT id\_order\_buy, StatusName as 'Статус', ProductName as 'Наименование', ProductCategory as 'Категория', Count as 'Количество', Price as 'Цена' FROM order\_buy JOIN Status ON order\_buy.StatusId = Status.StatusId WHERE StatusName = 'Оплачен';";

con.c(dataGridView1, query, conStr);

}

}

}

Код формы Data\_Copy:

using MySql.Data.MySqlClient;

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace jewellery

{

public partial class DataCopy : Form

{

ConnectionString str = new ConnectionString();

public DataCopy()

{

InitializeComponent();

}

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

{

this.Close(); //выход

}

public void Import()

{

string conStr = "";

string file = "C:\\Users\\pomog\\Desktop\\jewellery Помогайбо — копия\\Backups\\" + comboBox1.Text;

using (MySqlConnection conn = new MySqlConnection(str.ConString(conStr)))

{

using (MySqlCommand cmd = new MySqlCommand()) //импорт резервной копии

{

using (MySqlBackup mb = new MySqlBackup(cmd))

{

cmd.Connection = conn;

conn.Open();

mb.ImportFromFile(file);

conn.Close();

}

}

}

}

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

{

DirectoryInfo dinfo = new DirectoryInfo("C:\\Users\\pomog\\Desktop\\jewellery Помогайбо — копия\\Backups");

FileInfo[] files = dinfo.GetFiles();

foreach (FileInfo filenames in files)

{

comboBox1.Items.Add(filenames); //запонение комбобоксов данными из папки

}

}

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

{

try

{

Import();

}

catch(Exception ex)

{

MessageBox.Show(ex.ToString());

}

}

}

}

Код формы Basket:

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 MySql.Data.MySqlClient;

using MySql.Data;

namespace jewellery

{

public partial class Basket : Form

{

private System.Data.DataSet dataSet;

Connector con = new Connector();

KeyPressNums onlynums = new KeyPressNums();

Load\_Data load = new Load\_Data();

ConnectionString str = new ConnectionString();

public Basket()

{

InitializeComponent();

load.LoadDataProducts("", dataGridView1);

LoadD("", dataGridView2);

textBox1.Visible = true;

textBox3.Visible = true;

textBox4.Visible = true;

textBox6.Visible = false;

textBox5.Visible = false;

textBox11.Visible = false;

}

public void LoadD(string conStr, DataGridView dvg)

{

string query = "SELECT id, name\_product as 'Наименование', name\_category as 'Категория', amount as 'Количество', cost as 'Цена' FROM basket LEFT JOIN products ON basket.id\_product = products.id\_product";

load.SQLConnection(conStr, dvg, query);

}

public void Sale(string name\_category, int amount, int cost, int id\_product)

{

string conStr = "";

MySqlConnection conn = new MySqlConnection(str.ConString(conStr));

conn.Open();

MySqlTransaction trans = conn.BeginTransaction();

MySqlCommand sql1 = new MySqlCommand(@"UPDATE Products SET count = count - " + amount.ToString() + " WHERE id\_product = " + id\_product.ToString() + "; ", conn);

sql1.Transaction = trans;

MySqlCommand sql2 = conn.CreateCommand();

sql2.CommandText = "INSERT INTO basket(id\_product, name\_category, amount, cost) VALUES ('" + id\_product + "', '" + name\_category + "'," + amount.ToString() + ", " + cost.ToString() + " \* amount" + ");";

sql2.Transaction = trans;

try

{

sql1.ExecuteNonQuery();

sql2.ExecuteNonQuery();

trans.Commit();

}

catch (Exception ex)

{

MessageBox.Show(ex.ToString());

trans.Rollback();

}

conn.Close();

}

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

{

dataGridView1.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView1.SelectedRows) //заполнение ячеек данными

{

textBox3.Text = row.Cells[5].Value.ToString();

textBox10.Text = row.Cells[0].Value.ToString();

textBox1.Text = row.Cells[1].Value.ToString();

textBox9.Text = row.Cells[2].Value.ToString();

}

try

{

int amount = Convert.ToInt32(textBox2.Text);

string name\_category = textBox1.Text;

int price = Convert.ToInt32(textBox3.Text) \* Convert.ToInt32(textBox2.Text);

int id\_product = Convert.ToInt32(textBox10.Text);

Sale(textBox1.Text, Convert.ToInt32(textBox2.Text), Convert.ToInt32(textBox3.Text), Convert.ToInt32(textBox10.Text)); //метод продажи

}

catch (Exception)

{

MessageBox.Show("Ошибка ввода", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

load.LoadData("", "products", dataGridView1, "SELECT \* FROM products"); //загрузка таблицы

LoadD("", dataGridView2);

}

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

{

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView2.SelectedRows) //заполнение ячеек данными

{

textBox6.Text = row.Cells[4].Value.ToString();

textBox11.Text = row.Cells[1].Value.ToString();

textBox7.Text = row.Cells[2].Value.ToString();

textBox8.Text = row.Cells[3].Value.ToString();

}

string conStr = "";

try

{

string id\_basket = textBox4.Text;

string name\_category = textBox7.Text;

string name\_product = textBox11.Text;

int amount = Convert.ToInt32(textBox8.Text);

int cost = Convert.ToInt32(textBox6.Text);

try

{

string query1 = string.Format("INSERT INTO order\_buy (ProductName, ProductCategory, count, price) VALUES ('" + name\_product + "', '" + name\_category + "', " + amount + ", " + cost + ");");

string query2 = string.Format("DELETE FROM basket WHERE id = @pId;");

using (MySqlConnection connection = new MySqlConnection(str.ConString(conStr)))

{

using (MySqlCommand command = new MySqlCommand(query1, connection))

{

connection.Open();

int numm = command.ExecuteNonQuery();

}

using (MySqlCommand command = new MySqlCommand(query2, connection))

{

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView2.CurrentRow.Cells["id"].Value));

int numm = command.ExecuteNonQuery();

}

}

}

catch (Exception ex)

{

MessageBox.Show(ex.ToString());

}

}

catch (Exception)

{

MessageBox.Show("Ошибка запроса", "Внимание", MessageBoxButtons.OK,

MessageBoxIcon.Error);

}

MessageBox.Show("Заказ оформлен", "Оповещение", MessageBoxButtons.OK,

MessageBoxIcon.Information);

load.LoadData("", "basket", dataGridView2, "SELECT \* FROM basket");

}

private void button3\_Click(object sender, EventArgs e)

{

this.Hide();

Products products = new Products(); //выход из корзины

products.ShowDialog();

}

private void textBox2\_KeyPress(object sender, KeyPressEventArgs e)

{

char ch = '\0';

onlynums.OnlyNums(ch, e); //ограничение ввода

}

private void button4\_Click(object sender, EventArgs e)

{

string conStr = "";

string query2 = string.Format("DELETE FROM basket WHERE id = @pId;");

MySqlConnection connection = new MySqlConnection(str.ConString(conStr));

connection.Open();

MySqlTransaction trans = connection.BeginTransaction();

MySqlCommand command = new MySqlCommand(query2, connection);

command.Parameters.Add(new MySqlParameter("@pId", this.dataGridView2.CurrentRow.Cells["id"].Value));

int numm = command.ExecuteNonQuery();

connection.Close();

}

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

{

dataGridView2.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

foreach (DataGridViewRow row in dataGridView2.SelectedRows)

{

textBox6.Text = row.Cells[0].Value.ToString();

textBox11.Text = row.Cells[1].Value.ToString();

textBox7.Text = row.Cells[2].Value.ToString();

textBox8.Text = row.Cells[3].Value.ToString();

}

string conStr = "";

string name\_category = textBox11.Text;

string name\_product = textBox6.Text;

//int amount = Convert.ToInt32(textBox7.Text);

int cost = Convert.ToInt32(textBox8.Text);

}