using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using MySql.Data.MySqlClient;

namespace Auto

{

class Connect\_to\_server

{

public static string connection = "server=127.0.0.1;user=root;database=mydb;port=3306;password=qwert12;"; //данные по подключению к бд

public MySqlConnection connectDB = new MySqlConnection(connection);

}

}

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;

namespace Auto

{

public partial class Add\_brigade : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_brigade()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT em\_surname FROM employees";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int head = cb\_head.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO brigade(br\_id, br\_head, br\_name ) VALUES(NULL, '" +

head + "', '" +

tb\_name.Text + "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_brigade\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_district : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_district()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

//head

string sql\_request = "SELECT em\_surname FROM employees";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

//brigade

sql\_request = "SELECT br\_name FROM brigade";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int head = cb\_head.SelectedIndex + 1;

int brigade = cb\_brigade.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO district(ds\_id, ds\_brigade, ds\_head, ds\_name ) VALUES(NULL, '" +

brigade + "', '" +

head + "', '" +

tb\_name.Text + "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_district\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_emp\_category : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_emp\_category()

{

InitializeComponent();

this.CenterToScreen();

rb\_engineer.Checked = true;

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int special = 1;

obj\_connection.connectDB.Open();

if (rb\_engineer.Checked)

special = 1;

if (rb\_worker.Checked)

special = 0;

string sql\_request = "INSERT INTO staff\_categories(sc\_id, sc\_name, sc\_description, sc\_special) VALUES(NULL,'" +

tb\_name.Text + "', '" +

tb\_desc.Text + "', '" +

special + "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_emp\_category\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_emploeey : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_emploeey()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT br\_name FROM brigade";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT sc\_name FROM staff\_categories";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_category.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int category = cb\_category.SelectedIndex + 1;

int brigade = cb\_brigade.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO employees (em\_id, em\_name, em\_surname, em\_patronymic, em\_phone, em\_adress) VALUES(NULL, '" +

tb\_name.Text + "', '" +

tb\_surname.Text +"', '" +

tb\_patron.Text + "', '" +

tb\_phone.Text + "', '" +

tb\_email.Text + "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

string employeer\_id = "";

sql\_request = "SELECT MAX(em\_id) FROM employees";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

employeer\_id = reader[0].ToString();

}

reader.Close();

sql\_request = "INSERT INTO empoloyees\_characteristic(ec\_id,ec\_staff\_category, ec\_brigade) VALUES('"+ employeer\_id +"', '" +

category + "', '" +

brigade + "');";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_emploeey\_Load(object sender, EventArgs e)

{

}

}

}

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 Auto

{

public partial class Add\_Information\_Form : Form

{

public Add\_Information\_Form()

{

InitializeComponent();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

Main\_From menu\_form = new Main\_From();

this.Close();

menu\_form.Show();

}

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

{

Update\_product\_category obj\_form = new Update\_product\_category();

obj\_form.ShowDialog();

}

private void bt\_add\_staff\_Click(object sender, EventArgs e)

{

Add\_emploeey obj\_form = new Add\_emploeey();

obj\_form.ShowDialog();

}

private void bt\_add\_staff\_category\_Click(object sender, EventArgs e)

{

Add\_emp\_category obj\_form = new Add\_emp\_category();

obj\_form.ShowDialog();

}

private void bt\_add\_brigade\_Click(object sender, EventArgs e)

{

Add\_brigade obj\_form = new Add\_brigade();

obj\_form.ShowDialog();

}

private void bt\_add\_district\_Click(object sender, EventArgs e)

{

Add\_district obj\_form = new Add\_district();

obj\_form.ShowDialog();

}

private void add\_workshop\_Click(object sender, EventArgs e)

{

Add\_workshop obj\_form = new Add\_workshop();

obj\_form.ShowDialog();

}

private void bt\_add\_prod\_category\_Click(object sender, EventArgs e)

{

Add\_product\_category obj\_form = new Add\_product\_category();

obj\_form.ShowDialog();

}

private void bt\_add\_prod\_Click(object sender, EventArgs e)

{

Add\_product obj\_form = new Add\_product();

obj\_form.ShowDialog();

}

private void bt\_add\_prod\_record\_Click(object sender, EventArgs e)

{

Add\_product\_record obj\_form = new Add\_product\_record();

obj\_form.ShowDialog();

}

private void bt\_change\_staff\_Click(object sender, EventArgs e)

{

Update\_employeer obj\_form = new Update\_employeer();

obj\_form.ShowDialog();

}

private void bt\_change\_staff\_personal\_Click(object sender, EventArgs e)

{

Update\_empl\_personal obj\_form = new Update\_empl\_personal();

obj\_form.ShowDialog();

}

private void bt\_change\_staff\_category\_Click(object sender, EventArgs e)

{

Update\_empl\_category obj\_form = new Update\_empl\_category();

obj\_form.ShowDialog();

}

private void bt\_change\_brigade\_Click(object sender, EventArgs e)

{

Update\_brigade obj\_form = new Update\_brigade();

obj\_form.ShowDialog();

}

private void bt\_change\_district\_Click(object sender, EventArgs e)

{

Update\_district obj\_form = new Update\_district();

obj\_form.ShowDialog();

}

private void bt\_change\_workshop\_Click(object sender, EventArgs e)

{

Update\_workshop obj\_form = new Update\_workshop();

obj\_form.ShowDialog();

}

private void bt\_change\_prod\_Click(object sender, EventArgs e)

{

Update\_product obj\_form = new Update\_product();

obj\_form.ShowDialog();

}

private void Add\_Information\_Form\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_product : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_product()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT pc\_name FROM product\_categories";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_category.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int category = cb\_category.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO manufactured\_products(mp\_id, mp\_product\_category, mp\_name, mp\_description ) VALUES(NULL, '" +

category + "', '" +

tb\_name.Text + "', '" +

tb\_desc.Text+ "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_product\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_product\_category : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_product\_category()

{

InitializeComponent();

this.CenterToScreen();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO product\_categories( pc\_id, pc\_name, pc\_description) VALUES(NULL, '" +

tb\_name.Text + "', '" +

tb\_desc.Text + "');";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_product\_category\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_product\_record : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_product\_record()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT mp\_name FROM manufactured\_products";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_product.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT distinct wr\_name FROM workshop";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_workshop.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int product = cb\_product.SelectedIndex + 1;

int workshop = cb\_workshop.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "INSERT INTO product\_records(pr\_id, pr\_wokshop, pr\_product\_number, pr\_count, pr\_date ) VALUES(NULL, '" +

workshop + "', '" +

product + "', '" +

tb\_count.Text +"', CURDATE());";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_product\_record\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Add\_workshop : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Add\_workshop()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT em\_surname FROM employees";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT ds\_name FROM district";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_districts.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int head = cb\_head.SelectedIndex + 1;

int district = cb\_districts.SelectedIndex + 1;

string max\_id = "1";

obj\_connection.connectDB.Open();

string sql\_request = "SELECT MAX(wr\_id) FROM workshop";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

max\_id = reader[0].ToString(); ;

}

reader.Close();

sql\_request = "INSERT INTO workshop(wr\_id, wr\_district, wr\_head, wr\_name) VALUES('" +

max\_id +"','" +

district +"' , '" +

head + "', '" +

tb\_name.Text + "');";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void Add\_workshop\_Load(object sender, EventArgs e)

{

}

}

}

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 Auto

{

public partial class Main\_From : Form

{

public Main\_From()

{

InitializeComponent();

this.CenterToScreen();

}

private void bt\_show\_data\_Click(object sender, EventArgs e)

{

Show\_Information\_From form\_obj = new Show\_Information\_From();

this.Hide();

form\_obj.Show();

}

private void bt\_change\_data\_Click(object sender, EventArgs e)

{

Add\_Information\_Form form\_obj = new Add\_Information\_Form();

this.Hide();

form\_obj.Show();

}

private void bt\_exit\_Click(object sender, EventArgs e)

{

Application.Exit();

}

private void Main\_From\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Show\_Information\_From : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

public Show\_Information\_From()

{

InitializeComponent();

this.CenterToScreen();

try

{

obj\_connection.connectDB.Open();

}

catch { }

}

private void bt\_return\_Click(object sender, EventArgs e)

{

try

{

obj\_connection.connectDB.Close();

}

catch { }

Main\_From menu\_form = new Main\_From();

this.Close();

menu\_form.Show();

}

private void bd\_records\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT distinct wr\_name, mp\_name, pr\_count, pr\_date FROM product\_records JOIN manufactured\_products ON pr\_product\_number = mp\_id JOIN workshop ON pr\_wokshop = wr\_id";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[4]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

db\_data[db\_data.Count - 1][3] = reader[3].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 4;

dgv\_show\_info.Columns[0].HeaderText = "Название Цеха";

dgv\_show\_info.Columns[0].Width = 150;

dgv\_show\_info.Columns[1].HeaderText = "Название продукта";

dgv\_show\_info.Columns[1].Width = 100;

dgv\_show\_info.Columns[2].HeaderText = "Количество";

dgv\_show\_info.Columns[2].Width = 150;

dgv\_show\_info.Columns[3].HeaderText = "Дата";

dgv\_show\_info.Columns[3].Width = 150;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_products\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT mp\_name, pc\_name, mp\_description FROM manufactured\_products JOIN product\_categories ON mp\_product\_category = pc\_id";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[3]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 3;

dgv\_show\_info.Columns[0].HeaderText = "Навзание продукта";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Название категории";

dgv\_show\_info.Columns[1].Width = 200;

dgv\_show\_info.Columns[2].HeaderText = "Описание продукта";

dgv\_show\_info.Columns[2].Width = 500;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_car\_category\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT pc\_name, pc\_description FROM product\_categories";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[2]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 2;

dgv\_show\_info.Columns[0].HeaderText = "Название категории";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Описание категории";

dgv\_show\_info.Columns[1].Width = 500;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_staff\_info\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT em\_name, em\_surname, em\_patronymic, br\_name, sc\_name FROM empoloyees\_characteristic JOIN staff\_categories ON sc\_id = ec\_staff\_category JOIN brigade ON br\_id = ec\_brigade JOIN employees ON ec\_id = em\_id";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[5]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

db\_data[db\_data.Count - 1][3] = reader[3].ToString();

db\_data[db\_data.Count - 1][4] = reader[4].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 5;

dgv\_show\_info.Columns[0].HeaderText = "Имя";

dgv\_show\_info.Columns[0].Width = 150;

dgv\_show\_info.Columns[1].HeaderText = "Фамилия";

dgv\_show\_info.Columns[1].Width = 150;

dgv\_show\_info.Columns[2].HeaderText = "Отчество";

dgv\_show\_info.Columns[2].Width = 150;

dgv\_show\_info.Columns[3].HeaderText = "Бригада";

dgv\_show\_info.Columns[3].Width = 150;

dgv\_show\_info.Columns[4].HeaderText = "Категория";

dgv\_show\_info.Columns[4].Width = 150;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_staff\_all\_info\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT em\_name, em\_surname, em\_patronymic, em\_phone, em\_adress FROM employees";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[5]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

db\_data[db\_data.Count - 1][3] = reader[3].ToString();

db\_data[db\_data.Count - 1][4] = reader[4].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 5;

dgv\_show\_info.Columns[0].HeaderText = "Имя";

dgv\_show\_info.Columns[0].Width = 150;

dgv\_show\_info.Columns[1].HeaderText = "Фамилия";

dgv\_show\_info.Columns[1].Width = 150;

dgv\_show\_info.Columns[2].HeaderText = "Отчество";

dgv\_show\_info.Columns[2].Width = 150;

dgv\_show\_info.Columns[3].HeaderText = "Номер телефона";

dgv\_show\_info.Columns[3].Width = 150;

dgv\_show\_info.Columns[4].HeaderText = "Email";

dgv\_show\_info.Columns[4].Width = 200;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_staff\_category\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT sc\_name, if(sc\_special = 1, 'Инженерно-технологическая', 'Рабочая') , sc\_description FROM staff\_categories";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[3]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 5;

dgv\_show\_info.Columns[0].HeaderText = "Название категории";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Специализация";

dgv\_show\_info.Columns[1].Width = 150;

dgv\_show\_info.Columns[2].HeaderText = "Описание категории";

dgv\_show\_info.Columns[2].Width = 500;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_brigad\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT br\_name, em\_surname FROM brigade JOIN employees ON br\_head = em\_id";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[2]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 2;

dgv\_show\_info.Columns[0].HeaderText = "Название бригады";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Начальник бригады";

dgv\_show\_info.Columns[1].Width = 150;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_workshop\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT wr\_name, ds\_name, em\_surname FROM workshop JOIN employees ON em\_id = wr\_head JOIN district ON ds\_id = wr\_district";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[3]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 3;

dgv\_show\_info.Columns[0].HeaderText = "Название Цеха";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Название Участка";

dgv\_show\_info.Columns[1].Width = 150;

dgv\_show\_info.Columns[2].HeaderText = "Начальник Цеха";

dgv\_show\_info.Columns[2].Width = 150;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void bt\_district\_Click(object sender, EventArgs e)

{

dgv\_show\_info.Rows.Clear(); // очистка содержимого таблицы

dgv\_show\_info.Columns.Clear(); // очистка столбцов

string sql\_request = "SELECT ds\_name, br\_name, em\_surname FROM district JOIN brigade ON ds\_brigade = br\_id JOIN employees ON em\_id = ds\_head";

List<string[]> db\_data = new List<string[]>(); // массив для хранения данных запроса

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB); // передача sql запроса по данным из подключения

MySqlDataReader reader = request.ExecuteReader(); // Сохранение всех данных, полученных в запросое, в объект

while (reader.Read()) // вывод всех полученных данных в массив db\_data

{

db\_data.Add(new string[3]);

db\_data[db\_data.Count - 1][0] = reader[0].ToString();

db\_data[db\_data.Count - 1][1] = reader[1].ToString();

db\_data[db\_data.Count - 1][2] = reader[2].ToString();

}

reader.Close();

dgv\_show\_info.ColumnCount = 3;

dgv\_show\_info.Columns[0].HeaderText = "Название Участка";

dgv\_show\_info.Columns[0].Width = 200;

dgv\_show\_info.Columns[1].HeaderText = "Название Бригады";

dgv\_show\_info.Columns[1].Width = 150;

dgv\_show\_info.Columns[2].HeaderText = "Начальник Участка";

dgv\_show\_info.Columns[2].Width = 150;

foreach (string[] s in db\_data) // вывод данных из массива db\_data в таблицу

dgv\_show\_info.Rows.Add(s);

}

private void Show\_Information\_From\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_brigade : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int brigade = 1;

public Update\_brigade()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT br\_name FROM brigade";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT em\_surname FROM employees";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int head = cb\_head.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE brigade SET br\_head = '" +

head + "', br\_name = '" +

tb\_name.Text + "' WHERE br\_id = " + brigade;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

brigade = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT br\_head, br\_name FROM brigade WHERE br\_id = '" +

brigade + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

tb\_name.Text = reader["br\_name"].ToString();

cb\_head.SelectedIndex = int.Parse(reader["br\_head"].ToString())-1;

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void Update\_brigade\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_district : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int employee = 1;

public Update\_district()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT br\_name FROM brigade";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT em\_surname FROM employees";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT sc\_name FROM staff\_categories";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_category.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

employee = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT ec\_staff\_category, ec\_brigade FROM empoloyees\_characteristic WHERE ec\_id = '" +

employee + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.SelectedIndex = int.Parse(reader["ec\_brigade"].ToString()) - 1;

cb\_category.SelectedIndex = int.Parse(reader["ec\_staff\_category"].ToString()) - 1;

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int brig = cb\_brigade.SelectedIndex + 1;

int categ = cb\_category.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE empoloyees\_characteristic SET ec\_staff\_category = '" +

categ + "', ec\_brigade = '" +

brig + "' WHERE ec\_id = " + employee;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void Update\_district\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_empl\_category : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int category\_id = 1;

public Update\_empl\_category()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT sc\_name FROM staff\_categories";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

string special = "";

category\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT sc\_name, sc\_description, sc\_special FROM staff\_categories WHERE sc\_id = '" +

category\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

tb\_name.Text = reader["sc\_name"].ToString();

tb\_desc.Text = reader["sc\_description"].ToString();

special = reader["sc\_special"].ToString();

if (special == "True")

rb\_engineer.Checked = true;

else

rb\_worker.Checked = true;

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int special = 1;

obj\_connection.connectDB.Open();

if (rb\_engineer.Checked)

special = 1;

if (rb\_worker.Checked)

special = 0;

string sql\_request = "UPDATE staff\_categories SET sc\_name = '" +

tb\_name.Text + "', sc\_description = '" +

tb\_desc.Text + "', sc\_special = '" +

special + "' WHERE sc\_id = " + category\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void Update\_empl\_category\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_empl\_personal : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int selected\_id = 1;

public Update\_empl\_personal()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT em\_surname FROM employees";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_return\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE employees SET " +

"em\_name = '" + tb\_name.Text +

"', em\_surname = '" + tb\_surname.Text +

"', em\_patronymic = '" + tb\_patron.Text +

"', em\_phone = '" + tb\_phone.Text +

"', em\_adress = '" + tb\_email.Text +

"' WHERE em\_id = " + selected\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

selected\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT em\_name, em\_surname, em\_patronymic, em\_phone, em\_adress FROM employees WHERE em\_id = '" +

selected\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

tb\_name.Text = reader["em\_name"].ToString();

tb\_surname.Text = reader["em\_surname"].ToString();

tb\_patron.Text = reader["em\_patronymic"].ToString();

tb\_phone.Text = reader["em\_phone"].ToString();

tb\_email.Text = reader["em\_adress"].ToString();

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void Update\_empl\_personal\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_employeer : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int selected\_id = 1;

public Update\_employeer()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT ds\_name FROM district";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT br\_name FROM brigade";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT em\_surname FROM employees";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

selected\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT ds\_brigade, ds\_head, ds\_name FROM district WHERE ds\_id = '" +

selected\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_brigade.SelectedIndex = int.Parse(reader["ds\_brigade"].ToString()) - 1;

cb\_head.SelectedIndex = int.Parse(reader["ds\_head"].ToString()) - 1;

tb\_name.Text = reader["ds\_name"].ToString();

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int brigade = cb\_brigade.SelectedIndex + 1;

int head = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE district SET " +

"ds\_brigade = '" + brigade +

"', ds\_head = '" + head +

"', ds\_name = '" + tb\_name.Text +

"' WHERE ds\_id = " + selected\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void Update\_employeer\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_product : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int selected\_id = 1;

public Update\_product()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT mp\_name FROM manufactured\_products";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT pc\_name FROM product\_categories";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_category.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int category = cb\_category.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE manufactured\_products SET " +

"mp\_product\_category = '" + category +

"', mp\_name = '" + tb\_name.Text +

"', mp\_description = '" + tb\_desc.Text +

"' WHERE mp\_id = " + selected\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

selected\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT mp\_product\_category, mp\_name, mp\_description FROM manufactured\_products WHERE mp\_id = '" +

selected\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_category.SelectedIndex = int.Parse(reader["mp\_product\_category"].ToString()) - 1;

tb\_name.Text = reader["mp\_name"].ToString();

tb\_desc.Text = reader["mp\_description"].ToString();

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void Update\_product\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_product\_category : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int selected\_id = 1;

public Update\_product\_category()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT pc\_name FROM product\_categories";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

selected\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT pc\_name, pc\_description FROM product\_categories WHERE pc\_id = '" +

selected\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

tb\_name.Text = reader["pc\_name"].ToString();

tb\_desc.Text = reader["pc\_description"].ToString();

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE product\_categories SET " +

"pc\_name = '" + tb\_name.Text +

"', pc\_description = '" + tb\_desc.Text +

"' WHERE pc\_id = " + selected\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void Update\_product\_category\_Load(object sender, EventArgs e)

{

}

}

}

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;

namespace Auto

{

public partial class Update\_workshop : Form

{

Connect\_to\_server obj\_connection = new Connect\_to\_server();

int selected\_id = 1;

public Update\_workshop()

{

InitializeComponent();

this.CenterToScreen();

obj\_connection.connectDB.Open();

string sql\_request = "SELECT ds\_name FROM district";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_districts.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT wr\_name FROM workshop";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cm\_id.Items.Add(reader.GetValue(0));

}

reader.Close();

sql\_request = "SELECT em\_surname FROM employees";

request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

reader = request.ExecuteReader();

while (reader.Read())

{

cb\_head.Items.Add(reader.GetValue(0));

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_retrun\_Click(object sender, EventArgs e)

{

this.Close();

}

private void bt\_select\_Click(object sender, EventArgs e)

{

selected\_id = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "SELECT wr\_district, wr\_head, wr\_name FROM workshop WHERE wr\_id = '" +

selected\_id + "'";

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

MySqlDataReader reader = request.ExecuteReader();

while (reader.Read())

{

cb\_districts.SelectedIndex = int.Parse(reader["wr\_district"].ToString()) - 1;

cb\_head.SelectedIndex = int.Parse(reader["wr\_head"].ToString()) - 1;

tb\_name.Text = reader["wr\_name"].ToString();

}

reader.Close();

obj\_connection.connectDB.Close();

}

private void bt\_apply\_Click(object sender, EventArgs e)

{

int district = cb\_districts.SelectedIndex + 1;

int head = cm\_id.SelectedIndex + 1;

obj\_connection.connectDB.Open();

string sql\_request = "UPDATE workshop SET " +

"wr\_district = '" + district +

"', wr\_head = '" + head +

"', wr\_name = '" + tb\_name.Text +

"' WHERE wr\_id = " + selected\_id;

MySqlCommand request = new MySqlCommand(sql\_request, obj\_connection.connectDB);

request.ExecuteNonQuery();

obj\_connection.connectDB.Close();

this.Close();

}

private void Update\_workshop\_Load(object sender, EventArgs e)

{

}

}

}