## Приложение А – Программный код

using System;

using System.Collections.Generic;

using System.Linq;

using System.Data;

using System.Text;

using System.Threading.Tasks;

using System.Collections;

using System.Configuration;

using System.Data.Common;

using System.Data.SqlClient;

namespace PGUTI

{

public static class Data

{

private static string between(DateTime startDate, DateTime endDate)

{

return String.Format(" (((start\_date < '{1}' and start\_date > '{0}' ) and (end\_date is null)) or ((start\_date between '{0}' and '{1}') or (end\_date between '{0}' and '{1}'))) ", ReverseDateTime(startDate), ReverseDateTime(endDate));

}

private static string connectionString = ConfigurationManager.ConnectionStrings["Pguti.Connection"].ConnectionString;//Строка подключения к базе , из файла конфигурации

private static DataSet ds = new DataSet();//Объект запроса

public static string ReverseDateTime(DateTime date)

{

return date.ToString("yyyy.MM.dd hh:mm:ss");

}

private static string[] getPreviusDate()//Получаем предыдущий учебный год

{//сайчас 2015 год,для примера

string[] date = new string[2];

date[0] = DateTime.Now.Year.ToString();

if (DateTime.Now.Month < 9)//Если месяц меньше 9, тогда нынешний учебный год это 2014-2015 , а предыдущий соотвественно 2013-2014

{

date[0] = "'" + (DateTime.Now.Year - 2).ToString() + ".9.1'";

date[1] = "'" + (DateTime.Now.Year - 1).ToString() + ".8.31'";

}

else//Если это не так, тогда текущий учебный год 2015-2016 а предыдущий 2014-2015

{

date[0] = "'" + (DateTime.Now.Year - 1).ToString() + ".9.1'";

date[1] = "'" + (DateTime.Now.Year).ToString() + ".8.31'";

}

return date;

}

public static class EditForm

{

public static DataSet getTeachers(int id)//Главная таблица

{

string result = "select \* from dbo.Teachers where id = " +id;

return ds = NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

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}

}

//Справочники

public static class Reference

{

//Faculties

public static DataSet getFaculties()

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Faculties]";

return NDataAccess.DataAccess.GetDataSet(@result, "Faculties", connectionString);

}

public static DataSet getFaculties(int id)

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Faculties] where id=" + id;

return NDataAccess.DataAccess.GetDataSet(@result, "Faculties", connectionString);

}

public static void editFaculties(int id, string name, string secondName)

{

string result = "UPDATE [PGUTI\_faculty].[dbo].[Faculties] SET name='" + name + "' , second\_name='"+secondName+"' where id=" + id;

//return NDataAccess.DataAccess.GetDataSet(@result, "Faculties", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void addFaculties(int id, string name, string secondName)

{

string result = "INSERT INTO [PGUTI\_faculty].[dbo].[Faculties] (id,name,second\_name) VALUES ((select max(id)+1 from [PGUTI\_faculty].[dbo].[Faculties]),'" + name + "','" + secondName + "') ";

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void dellFaculties(int id)

{

string result = "DELETE FROM [dbo].[Faculties] where id=" + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

//Cairs

public static DataSet getCairs()

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Cairs]";

return NDataAccess.DataAccess.GetDataSet(@result, "Cairs", connectionString);

}

public static DataSet getCairs(int id)

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Cairs] where id=" + id;

return NDataAccess.DataAccess.GetDataSet(@result, "Cairs", connectionString);

}

public static void editCair(int id, string name, string secondName)

{

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string result = "UPDATE [PGUTI\_faculty].[dbo].[Cairs] SET name='" + name + "' , second\_name='" + secondName + "' where id=" + id;

//return NDataAccess.DataAccess.GetDataSet(@result, "Cairs", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void addCair(int id, string name, string secondName)

{

string result = "INSERT INTO [PGUTI\_faculty].[dbo].[Cairs] (id,name,second\_name) VALUES ((select max(id)+1 from [PGUTI\_faculty].[dbo].[Cairs]),'" + name + "','" + secondName + "') ";

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void dellCairs(int id)

{

string result = "DELETE FROM [dbo].[Cairs] where id=" + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

//Degrees

public static DataSet getDegrees()

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Degrees]";

return NDataAccess.DataAccess.GetDataSet(@result, "Degrees", connectionString);

}

public static DataSet getDegrees(int id)

{

string result = "SELECT id,name as 'Полное название',second\_name as 'Сокращённое название' FROM [PGUTI\_faculty].[dbo].[Degrees] where id=" + id;

return NDataAccess.DataAccess.GetDataSet(@result, "Degrees", connectionString);

}

public static void editDegrees(int id, string name, string secondName)

{

string result = "UPDATE [PGUTI\_faculty].[dbo].[Degrees] SET name='" + name + "' , second\_name='" + secondName + "' where id=" + id;

//return NDataAccess.DataAccess.GetDataSet(@result, "Degrees", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void addDegrees(int id, string name, string secondName)

{

string result = "INSERT INTO [PGUTI\_faculty].[dbo].[Degrees] (id,name,second\_name) VALUES ((select max(id)+1 from [PGUTI\_faculty].[dbo].[Degrees]),'" + name + "','" + secondName + "') ";

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void dellDegrees(int id)

{

string result = "DELETE FROM [dbo].[Degrees] where id=" + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

//Titles

public static DataSet getTitles()

{

string result = "SELECT id,name as 'Звание' FROM [PGUTI\_faculty].[dbo].[Titles]";

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return NDataAccess.DataAccess.GetDataSet(@result, "Titles", connectionString);

}

public static DataSet getTitles(int id)

{

string result = "SELECT id,name as 'Звание' FROM [PGUTI\_faculty].[dbo].[Titles] where id=" + id;

return NDataAccess.DataAccess.GetDataSet(@result, "Titles", connectionString);

}

public static void editTitles(int id, string name)

{

string result = "UPDATE [PGUTI\_faculty].[dbo].[Titles] SET name='" + name + "' where id=" + id;

//return NDataAccess.DataAccess.GetDataSet(@result, "Titles", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void addTitles(int id, string name)

{

string result = "INSERT INTO [PGUTI\_faculty].[dbo].[Titles] (id,name) VALUES ((select max(id)+1 from [PGUTI\_faculty].[dbo].[Titles]),'" + name + "') ";

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void dellTitles(int id)

{

string result = "DELETE FROM [dbo].[Titles] where id=" + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

//WorkingPositions

public static DataSet getWorkingPositions()

{

string result = "SELECT id,name as 'Должность' FROM [PGUTI\_faculty].[dbo].[Working\_positions]";

return NDataAccess.DataAccess.GetDataSet(@result, "WorkingPositions", connectionString);

}

public static DataSet getWorkingPositions(int id)

{

string result = "SELECT id,name as 'Должность' FROM [PGUTI\_faculty].[dbo].[Working\_positions] where id=" + id;

return NDataAccess.DataAccess.GetDataSet(@result, "WorkingPositions", connectionString);

}

public static void editWorkingPositions(int id, string name)

{

string result = "UPDATE [PGUTI\_faculty].[dbo].[Working\_positions] SET name='" + name + "' where id=" + id;

//return NDataAccess.DataAccess.GetDataSet(@result, "Working\_positions", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void addWorkingPositions(int id, string name)

{

string result = "INSERT INTO [PGUTI\_faculty].[dbo].[Working\_positions] (id,name) VALUES ((select max(id)+1 from [PGUTI\_faculty].[dbo].[Working\_positions]),'" + name + "') ";

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void dellWorkingPositions(int id)

{

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string result = "DELETE FROM [dbo].[Working\_positions] where id="+id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

}

//ШТАТ

public static class BasicStructure

{

public static void getGroupBy(string dekan, string by)

{

string[] a = null;

string result = "select COUNT(\*) from dbo.Teachers where Dekan\_Faculties " + dekan + " group by " + by;

ds = NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

string b = "";

for (int i = 0; i < ds.Tables[0].Rows.Count; i++)

{

b = ds.Tables[0].Rows[i].ItemArray[0].ToString();

}

}

public static DataSet getDegreesAndTitle(DateTime startDate, DateTime endDate)

{

string result = "SELECT COUNT(\*) as Всего , (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" ) as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as

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Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title =4 and terms\_of\_work like '%Штатный

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сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getRate(DateTime startDate, DateTime endDate)

{

string result = "SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+") as '1' FROM Teachers union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,8', (select Count(\*) from dbo.Teachers where rate =

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0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '1' FROM Teachers where Dekan\_Faculties is not null union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 1) as '1' FROM Teachers where Job\_title = 1 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 2) as '1' FROM Teachers where Job\_title = 2 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and

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terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 3) as '1' FROM Teachers where Job\_title = 3 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and Job\_title = 4) as '1' FROM Teachers where Job\_title = 4 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '1' FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getQualification(DateTime startDate, DateTime endDate)

{

string[] date = getPreviusDate();

string result = "SELECT COUNT(Training\_dates) as Всего FROM Teachers where terms\_of\_work like '%Штатный сотрудник%' and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all

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SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатный сотрудник%' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ")";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Профф

public static DataSet getProfessors(DateTime startDate, DateTime endDate)//TODO надо развернуть дату, везде =( startDate.ToString("ddMMyyy");

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =2 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getProfessorsDoc(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =2 and f.degrees\_id>10 and f.degrees\_id<16 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getProfessorsCand(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =2 and f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=1 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Доценты

public static DataSet getDocentsCandAndOrDocent(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on

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a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =3 and ((f.degrees\_id>4 and f.degrees\_id<11) or (f.titles\_id=2) or(f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=2) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getDocentsNull(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =3 and ((f.degrees\_id=16) or (f.titles\_id=3) or(f.degrees\_id=16 and f.titles\_id=3) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Старшие преп

public static DataSet getSenior(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and f.Job\_title =4 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Ассистенты

public static DataSet getAssist(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатный сотрудник%' and (f.Job\_title =5 or f.Job\_title=6) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

}

//Внутр

public static class InternalStructure

{

public static DataSet getDegreesAndTitle(DateTime startDate, DateTime endDate)

{

string result = "SELECT COUNT(\*) as Всего , (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания,

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(select Count(\*) from dbo.Teachers where titles\_id =1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" ) as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers

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where degrees\_id between 4 and 10 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title =4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+")as Женщины FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getRate(DateTime startDate, DateTime endDate)

{

string result = "SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like

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'%Штатные совместители %' and "+between(startDate, endDate)+") as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+") as '1' FROM Teachers union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '1' FROM Teachers where Dekan\_Faculties is not null union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 1) as '1' FROM Teachers where Job\_title = 1 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and

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"+between(startDate, endDate)+" and Job\_title = 2) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 2) as '1' FROM Teachers where Job\_title = 2 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 3) as '1' FROM Teachers where Job\_title = 3 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and Job\_title = 4) as '1' FROM Teachers where Job\_title = 4 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,3', (select Count(\*) from dbo.Teachers where

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rate = 0.4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '1' FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}///////////////////INT

public static DataSet getQualification(DateTime startDate, DateTime endDate)

{

string[] date = getPreviusDate();

string result = "SELECT COUNT(Training\_dates) as Всего FROM Teachers where terms\_of\_work like '%Штатные совместители %' and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Штатные совместители %' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ")";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Профф

public static DataSet getProfessors(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =2 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getProfessorsDoc(DateTime startDate, DateTime endDate)

{

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string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =2 and f.degrees\_id>10 and f.degrees\_id<16 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getProfessorsCand(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =2 and f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=1 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Доценты

public static DataSet getDocentsCandAndOrDocent(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =3 and ((f.degrees\_id>4 and f.degrees\_id<11) or (f.titles\_id=2) or(f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=2) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getDocentsNull(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =3 and ((f.degrees\_id=16) or (f.titles\_id=3) or(f.degrees\_id=16 and f.titles\_id=3) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Старшие преп

public static DataSet getSenior(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and f.Job\_title =4 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

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}

//Ассистенты

public static DataSet getAssist(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Штатные совместители %' and (f.Job\_title =5 or f.Job\_title=6) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

}// %Штатные совместители %

//Внеш

public static class ExternalStructure

{

public static DataSet getDegreesAndTitle(DateTime startDate, DateTime endDate)

{

string result = "SELECT COUNT(\*) as Всего , (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" ) as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and

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"+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние)

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совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and Job\_title =4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" union all SELECT COUNT(\*) as Всего, (select Count(\*) from dbo.Teachers where degrees\_id > 4 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_степени, (select Count(\*) from dbo.Teachers where degrees\_id between 4 and 10 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Кандидаты\_наук, (select Count(\*) from dbo.Teachers where degrees\_id > 10 and degrees\_id < 16 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доктора\_наук, (select Count(\*) from dbo.Teachers where titles\_id > 0 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Ученые\_звания, (select Count(\*) from dbo.Teachers where titles\_id =1 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Профессора, (select Count(\*) from dbo.Teachers where titles\_id = 2 and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as Доценты, (select COUNT(\*) from dbo.Teachers where gender like 'Жен' and (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+")as Женщины FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getRate(DateTime startDate, DateTime endDate)

{

string result = "SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+") as '1' FROM Teachers union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%'

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and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Dekan\_Faculties is not null) as '1' FROM Teachers where Dekan\_Faculties is not null union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 1) as '1' FROM Teachers where Job\_title = 1 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 2) as '1' FROM Teachers where Job\_title = 2 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,1', (select Count(\*)

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from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 3) as '1' FROM Teachers where Job\_title = 3 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and Job\_title = 4) as '1' FROM Teachers where Job\_title = 4 union all SELECT count(\*), (select Count(\*) from dbo.Teachers where rate = 0.1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,1', (select Count(\*) from dbo.Teachers where rate = 0.2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,2', (select Count(\*) from dbo.Teachers where rate = 0.3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,3', (select Count(\*) from dbo.Teachers where rate = 0.4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,4', (select Count(\*) from dbo.Teachers where rate = 0.5 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,5', (select Count(\*) from dbo.Teachers where rate = 0.6 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,6', (select Count(\*) from dbo.Teachers where rate = 0.7 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,7', (select Count(\*) from dbo.Teachers where rate = 0.8 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,8', (select Count(\*) from dbo.Teachers where rate = 0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate,

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endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '0,9', (select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Job\_title = 5 or Job\_title = 6)) as '1' FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}////EXT

public static DataSet getQualification(DateTime startDate, DateTime endDate)

{

string[] date = getPreviusDate();

string result = "SELECT COUNT(Training\_dates) as Всего FROM Teachers where terms\_of\_work like '%Сторонние (внешние) совместители%' and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) FROM Teachers where Dekan\_Faculties is not null and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 1 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 2 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+" and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 3 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where Job\_title = 4 and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ") union all SELECT COUNT(Training\_dates) as Всего FROM Teachers where (Job\_title = 5 or Job\_title = 6) and terms\_of\_work like '%Сторонние (внешние) совместители%' and "+between(startDate, endDate)+"and (Training\_dates between " + date[0] + " and " + date[1] + ")";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Профф

public static DataSet getProfessors(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =2 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getProfessorsDoc(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =2 and f.degrees\_id>10 and f.degrees\_id<16 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

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public static DataSet getProfessorsCand(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =2 and f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=1 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Доценты

public static DataSet getDocentsCandAndOrDocent(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =3 and ((f.degrees\_id>4 and f.degrees\_id<11) or (f.titles\_id=2) or(f.degrees\_id>4 and f.degrees\_id<11 and f.titles\_id=2) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getDocentsNull(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =3 and ((f.degrees\_id=16) or (f.titles\_id=3) or(f.degrees\_id=16 and f.titles\_id=3) ) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Старшие преп

public static DataSet getSenior(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and f.Job\_title =4 and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

//Ассистенты

public static DataSet getAssist(DateTime startDate, DateTime endDate)

{

string result = "select f.surname,f.name,f.middlename,w.name,c.second\_name,s.name,a.second\_name,f.rate,convert(VARCHAR(10),f.birthday,105) from dbo.Teachers as f left join dbo.Cairs as c on c.id=f.Cairs left join dbo.Working\_positions as w on w.id=f.Job\_title left join dbo.Degrees as a on

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a.id = f.degrees\_id left join dbo.Titles as s on s.id = f.titles\_id where f.terms\_of\_work like '%Сторонние (внешние) совместители%' and (f.Job\_title =5 or f.Job\_title=6) and "+between(startDate, endDate)+" order by rate";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

}// %Сторонние (внешние) совместители%

public static class Dissertation

{

public static DataSet Show(DateTime startDate, DateTime endDate)

{

string result = "select f.id,w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,c.second\_name as 'Кафедра',d.name as 'ученое звание',titles\_date as 'Дата получения ученого звания',a.second\_name as 'ученая степень',f.degress\_date as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.' from Teachers as f left join Working\_positions as w on w.id=f.Job\_title left join Titles as d on d.id=f.titles\_id left join Degrees as a on a.id=f.degrees\_id left join Cairs as c on c.id = f.Cairs where " + between(startDate, endDate) + " ";//where DATEDIFF(MONTH,degress\_date,'" + date + "')=0 ";//and f.Dekan\_Faculties is null

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

}//Диссетрации

public static class Record

{

public static void Add(string result)

{

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void Add(int id, bool del, DateTime experienceDate)

{

Object[] array = GetDataTeachers(id).Tables[0].Rows[0].ItemArray;//Объект строки запроса

string[] cairsandjob = new string[2], date = new string[2];//массивы для даты, названия кафедры и должности

if (array[6].ToString() == "3") date[0] = "null";//Если нету ученой степени то даты её получения тоже нету

else date[0] = "'" + array[7].ToString() + "'";

if (array[8].ToString() == "16") date[1] = "null";//Если нету ученого звания то даты его получения тоже нету

else date[1] = "'" + array[9].ToString() + "'";

string result = "";

if (del)//Удаляяем?

{//да

string[] termworks = array[10].ToString().Split('-');//разбиваем строку для получения из неё данных и изменения самой строки

if (array[13].ToString() == "")//Если не декан

result = "INSERT INTO dbo.Records (id,Cairs,Job\_title,surname,name,middlename,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,date)" +

"VALUES(" + (int.Parse(Count()) + 1) + "," + (int)array[1] + "," + (int)array[2] + ",'" + array[3] + "','" + array[4] + "','" + array[5] + "'," + (int)array[6] + "," + date[0] + "," + (int)array[8] + "," + date[1] + ",'" + termworks[0] + "-" + termworks[1] + "-Уволился-(" + experienceDate + ")','" + experienceDate + "')";

else result = "INSERT INTO dbo.Records (id,surname,name,middlename,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,date)" +

"VALUES(" + (int.Parse(Count()) + 1) + ",'" + array[3] + "','" + array[4] + "','" + array[5] + "'," + (int)array[6] + "," + date[0] + "," + (int)array[8]

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+ "," + date[1] + ",'" + termworks[0] + "-" + termworks[1] + "-Уволился-(" + experienceDate + ")','" + experienceDate + "')";

}

else

{//нет

if (array[13].ToString() == "")//Если не декан

result = "INSERT INTO dbo.Records (id,Cairs,Job\_title,surname,name,middlename,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,date)" +

"VALUES(" + (int.Parse(Count()) + 1) + "," + (int)array[1] + "," + (int)array[2] + ",'" + array[3] + "','" + array[4] + "','" + array[5] + "'," + (int)array[6] + "," + date[0] + "," + (int)array[8] + "," + date[1] + ",'" + array[10] + "','" + experienceDate + "')";

else result = "INSERT INTO dbo.Records (id,surname,name,middlename,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,date)" +

"VALUES(" + (int.Parse(Count()) + 1) + ",'" + array[3] + "','" + array[4] + "','" + array[5] + "'," + (int)array[6] + "," + date[0] + "," + (int)array[8] + "," + date[1] + ",'" + array[10] + "','" + experienceDate + "')";

}

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static string Count()

{

ds = NDataAccess.DataAccess.GetDataSet(@"select max(id) as count from dbo.Records", "Table1", connectionString);

string result = ds.Tables[0].Rows[0].ItemArray[0].ToString();

if (result == "") result = "0";

return (result);

}

public static DataSet Show(DateTime startDate, DateTime endDate)

{

string result = "select f.id,c.second\_name as 'Кафедра',w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,d.name as 'ученое звание',titles\_date as 'Дата получения ученого звания',a.second\_name as 'ученая степень',f.degress\_date as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.' from Records as f left join Working\_positions as w on w.id=f.Job\_title left join Titles as d on d.id=f.titles\_id left join Degrees as a on a.id=f.degrees\_id left join Cairs as c on c.id = f.Cairs where date > '" + ReverseDateTime(startDate) + "'";//where DATEDIFF(MONTH,date,GETDATE())=0 ";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet GetDataTeachers(int id)

{

string result = "select id,Cairs,Job\_title,surname,name,middlename,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,rate,experience\_date,Dekan\_Faculties,education\_date from Teachers where id = " + id ;

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

}

public static class DegreesStructure

{

private static string SplitAndCheck(double value)//Метод для коррекции введённого значения ставки и даты

{

string[] rates;

string result = ""; ;

**Продолжение приложения А**

rates = value.ToString().Split(new Char[] { '.', ',' });//Разбираем строку по разделителю ('.'или',')

if (rates.Length > 1)

{

result = (rates[0] + "." + rates[1]);//если стоит разделитель, значит собираем строку с точкой для запроса в базу (с запятой запрос не будет работать, поэтому нужна точка)

}

else

{

result = rates[0];//если без разделителя , тогда так и оставляем

}

return result;

}

private static string queryWithTitles(DateTime startDate, DateTime endDate, string emploe)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

double a = 0;

for (int i = 1; i < 10; i++)

{

a += 0.1;

sb.Append(String.Format(",(select Count(\*) from dbo.Teachers where rate = "+SplitAndCheck(a)+" and terms\_of\_work like '{0}' and {1} ) as '" + a.ToString("0.0") + "' ", emploe, between(startDate, endDate)));

}

sb.Append(String.Format(",(select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '{0}' and {1} ) as '1' ",emploe, between(startDate, endDate)));

sb.Append(String.Format(" from dbo.Teachers where terms\_of\_work like '{0}' and {1}", emploe, between(startDate, endDate)));

return sb.ToString();

}

private static string queryWithTitles(DateTime startDate, DateTime endDate, string emploe,string title)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

double a = 0;

for (int i = 1; i < 10; i++)

{

a += 0.1;

sb.Append(String.Format(",(select Count(\*) from dbo.Teachers where rate = " + SplitAndCheck(a) + " and terms\_of\_work like '{0}' and {1} and {2} ) as '" + a.ToString("0.0") + "' ", emploe, title, between(startDate, endDate)));

}

sb.Append(String.Format(",(select Count(\*) from dbo.Teachers where rate >0.9 and terms\_of\_work like '{0}' and {1} and {2} ) as '1' ", emploe,title, between(startDate, endDate)));

sb.Append(String.Format(" from dbo.Teachers where terms\_of\_work like '{0}' and {1} and {2}", emploe,title, between(startDate, endDate)));

return sb.ToString();

}

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public static DataSet getRate(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

string emploe = "%Штатный сотрудник%";

sb.Append(queryWithTitles(startDate, endDate, emploe));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 10 and 16)"));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 4 and 11)"));

sb.Append(" union all ");

emploe = "%Сторонние (внешние) совместители%";

sb.Append(queryWithTitles(startDate, endDate, emploe));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 10 and 16)"));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 4 and 11)"));

sb.Append(" union all ");

emploe = "%Штатные совместители%";

sb.Append(queryWithTitles(startDate, endDate, emploe));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 10 and 16)"));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, emploe, "(degrees\_id between 4 and 11)"));

return NDataAccess.DataAccess.GetDataSet(sb.ToString(), "Table1", connectionString);

}

}//Сведения об ученых степенях профессорско-преподавательского состава и научных работников

public static class ExperienceStructure

{

private static string getExperience(string a,string date)

{

return " DATEDIFF(YY," + date + ",CAST(Getdate() AS Date)) " + a + " ";

}

private static string getExperience(int a, int b,string date)

{

return " DATEDIFF(YY," + date + ",CAST(Getdate() AS Date))>" + (a - 1) + " and DATEDIFF(YY," + date + ",CAST(Getdate() AS Date))< " + b + " ";

}

private static string queryWithTitles(DateTime startDate, DateTime endDate,string date)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '3'", between(startDate, endDate), getExperience(" < 3", date)));

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sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '3-5'", between(startDate, endDate), getExperience(3, 5, date)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '5-10'", between(startDate, endDate), getExperience(5, 10, date)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '10-15'", between(startDate, endDate), getExperience(10, 15, date)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '15-20'", between(startDate, endDate), getExperience(15, 20, date)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '20+'", between(startDate, endDate), getExperience(" > 19", date)));

sb.Append(String.Format(" from dbo.Teachers where {0} ", between(startDate, endDate)));

return sb.ToString();

}

private static string queryWithTitles(DateTime startDate, DateTime endDate, string title,string date)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '3'", between(startDate, endDate), getExperience(" < 3", date), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '3-5'", between(startDate, endDate), getExperience(3, 5, date), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '5-10'", between(startDate, endDate), getExperience(5, 10, date), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '10-15'", between(startDate, endDate), getExperience(10, 15, date), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '15-20'", between(startDate, endDate), getExperience(15, 20, date), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '20+'", between(startDate, endDate), getExperience(" > 19", date), title));

sb.Append(String.Format(" from dbo.Teachers where {0} and {1}", between(startDate, endDate), title));

return sb.ToString();

}

public static DataSet getExperience(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append(queryWithTitles(startDate, endDate, "experience\_date"));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, " Dekan\_Faculties is not null ", "experience\_date"));

for (int i = 1; i < 5; i++)

{

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "Job\_title = " + i, "experience\_date"));

}

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "(Job\_title = 5 or Job\_title = 6)", "experience\_date"));

**Продолжение приложения А**

return NDataAccess.DataAccess.GetDataSet(@sb.ToString(), "Table1", connectionString);

}

public static DataSet getTotalExperience(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append(queryWithTitles(startDate, endDate, "total\_experience\_date"));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, " Dekan\_Faculties is not null ", "total\_experience\_date"));

for (int i = 1; i < 5; i++)

{

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "Job\_title = " + i, "total\_experience\_date"));

}

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "(Job\_title = 5 or Job\_title = 6)", "total\_experience\_date"));

return NDataAccess.DataAccess.GetDataSet(@sb.ToString(), "Table1", connectionString);

}

}//Распределение персонала по стажу работы

public static class AgeStructure

{

private static string birthdayFirst(int YY)

{

return " DATEDIFF(YY,birthday,CAST(Getdate() AS Date))< "+YY;

}

private static string birthdayBetween(int YY)

{

return String.Format(" DATEDIFF(YY,birthday,CAST(Getdate() AS Date))>{0} and DATEDIFF(YY,birthday,CAST(Getdate() AS Date))< {1}", YY - 1, YY + 5);

}

private static string birthdayBetweenLast(int YY)

{

return String.Format(" DATEDIFF(YY,birthday,CAST(Getdate() AS Date))>{0}", YY - 1);

}

private static string allTitles(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 25'", birthdayFirst(25), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 25-29'", birthdayBetween(25), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 30-34'", birthdayBetween(30), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 35-39'", birthdayBetween(35), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 40-44'", birthdayBetween(40), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 45-49'", birthdayBetween(45), between(startDate, endDate)));

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sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 50-54'", birthdayBetween(50), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 55-59'", birthdayBetween(55), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as 'менее 60-64'", birthdayBetween(60), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1}) as '65 и более'", birthdayBetweenLast(65), between(startDate, endDate)));

sb.Append(String.Format(" from dbo.Teachers where {0}", between(startDate, endDate)));

return sb.ToString();

}

private static string allTitlesWoomen(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 25'", birthdayFirst(25), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 25-29'", birthdayBetween(25), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 30-34'", birthdayBetween(30), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 35-39'", birthdayBetween(35), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 40-44'", birthdayBetween(40), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 45-49'", birthdayBetween(45), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 50-54'", birthdayBetween(50), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 55-59'", birthdayBetween(55), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as 'менее 60-64'", birthdayBetween(60), between(startDate, endDate)));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and gender like 'Жен') as '65 и более'", birthdayBetweenLast(65), between(startDate, endDate)));

sb.Append(String.Format(" from dbo.Teachers where {0}", between(startDate, endDate)));

return sb.ToString();

}

private static string queryWithTitles(DateTime startDate, DateTime endDate,string title)

{

StringBuilder sb = new StringBuilder();

sb.Append("SELECT COUNT(\*) as Всего");

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sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 25'", birthdayFirst(25), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 25-29'", birthdayBetween(25), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 30-34'", birthdayBetween(30), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 35-39'", birthdayBetween(35), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 40-44'", birthdayBetween(40), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 45-49'", birthdayBetween(45), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 50-54'", birthdayBetween(50), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 55-59'", birthdayBetween(55), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as 'менее 60-64'", birthdayBetween(60), between(startDate, endDate), title));

sb.Append(String.Format(",(select COUNT(\*) from dbo.Teachers where {0} and {1} and {2}) as '65 и более'", birthdayBetweenLast(65), between(startDate, endDate), title));

sb.Append(String.Format(" from dbo.Teachers where {0} and {1}", between(startDate, endDate), title));

return sb.ToString();

}

public static DataSet getAge(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append(allTitles(startDate, endDate));

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, " Dekan\_Faculties is not null "));

for (int i = 1; i < 5; i++)

{

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "Job\_title = " + i));

}

sb.Append(" union all ");

sb.Append(queryWithTitles( startDate, endDate, "(Job\_title = 5 or Job\_title = 6)"));

return NDataAccess.DataAccess.GetDataSet(@sb.ToString(), "Table1", connectionString);

}

public static DataSet getAgeFemale(DateTime startDate, DateTime endDate)

{

StringBuilder sb = new StringBuilder();

sb.Append(allTitlesWoomen(startDate, endDate));

sb.Append(" union all ");

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sb.Append(queryWithTitles(startDate, endDate, " (Dekan\_Faculties is not null) and (gender like 'Жен') "));

for (int i = 1; i < 5; i++)

{

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, "(gender like 'Жен') and Job\_title = " + i));

}

sb.Append(" union all ");

sb.Append(queryWithTitles(startDate, endDate, " (gender like 'Жен') and (Job\_title = 5 or Job\_title = 6)"));

return NDataAccess.DataAccess.GetDataSet(sb.ToString(), "Table1", connectionString);

}

}//Распределение персонала по полу и возрасту

public static class Teachers

{

public static DataSet getCair(int cair)

{

//string result = "select f.id,w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,birthday as 'Дата рождения',telephone as Телефон,d.name as 'ученое звание',titles\_date as 'Дата получения ученого звания',a.second\_name as 'ученая степень',degress\_date as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.' from Teachers as f , Working\_positions as w,Titles as d,Degrees as a where f.Job\_title = w.id and f.titles\_id=d.id and f.degrees\_id = a.id and Cairs =" + cair;

string result = "select f.id,w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,convert(VARCHAR(10),birthday,105) as 'Дата рождения',d.name as 'ученое звание',convert(VARCHAR(10),titles\_date,105) as 'Дата получения ученого звания',a.second\_name as 'ученая степень',convert(VARCHAR(10),degress\_date,105) as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.' from Teachers as f left join Working\_positions as w on w.id=f.Job\_title left join Titles as d on d.id = f.titles\_id left join Degrees as a on a.id = f.degrees\_id where Cairs =" + cair + " and f.enable > 0";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getTeachers()//Главная таблица

{

//string result = "select f.id,c.name as Кафедра,w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,gender as Пол,birthday as 'Дата рождения',passport\_serial as 'Серия паспорта',passport\_number as 'Номер паспорта',passport\_gives as 'Кем выдан',passport\_create as 'Когда выдан',registration as 'Прописка',telephone as Телефон,educational\_institution as 'Образовательное учреждение',specialty\_of\_diplom as 'Специальность по диплому',d.name as 'ученое звание',degress\_date as 'Дата получения ученого звания',a.second\_name as 'ученая степень',titles\_date as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.',competitive\_selection\_start\_date as 'Начало кон. отб',competitive\_selection\_end\_date as 'Окончание кон. отб.',Training\_dates as 'Повышения квалификации',rate as 'Ставка',total\_experience\_date as 'Стаж',experience\_date as 'Дата, педагогический стаж' from Teachers as f , cairs as c, Working\_positions as w,Titles as d,Degrees as a where f.cairs = c.id and f.Job\_title = w.id and f.titles\_id=d.id and f.degrees\_id = a.id";

string result = "select f.id,c.name as Кафедра,w.name as Должность,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,gender as Пол,convert(VARCHAR(10),birthday,105) as 'Дата рождения',passport\_serial as 'Серия паспорта',passport\_number as 'Номер паспорта',passport\_gives as 'Кем выдан',convert(VARCHAR(10),passport\_create,105) as 'Когда выдан',registration as 'Прописка',telephone as Телефон,educational\_institution as 'Образовательное учреждение',specialty\_of\_diplom as 'Специальность по диплому', d.name as 'ученое

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звание',convert(VARCHAR(10),titles\_date,105) as 'Дата получения ученого звания',a.second\_name as 'ученая степень',convert(VARCHAR(10),degress\_date,105) as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.',convert(VARCHAR(10),competitive\_selection\_start\_date,105) as 'Начало кон. отб',convert(VARCHAR(10),competitive\_selection\_end\_date,105) as 'Окончание кон. отб.',convert(VARCHAR(10),Training\_dates,105) as 'Повышения квалификации',rate as 'Ставка',convert(VARCHAR(10),total\_experience\_date,105) as 'Стаж',convert(VARCHAR(10),experience\_date,105) as 'Дата, педагогический стаж' ,convert(VARCHAR(10),education\_date,105) as 'Дата трудоустройства' from Teachers as f left join cairs as c on c.id=f.Cairs left join Working\_positions as w on w.id=f.Job\_title left join Titles as d on d.id=f.titles\_id left join Degrees as a on a.id = f.degrees\_id where f.Cairs is not null and f.enable > 0";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getTeachersDekans()//Главная таблица

{

//string result = "select f.id,dek.second\_name as Факультет,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,gender as Пол,birthday as 'Дата рождения',passport\_serial as 'Серия паспорта',passport\_number as 'Номер паспорта',passport\_gives as 'Кем выдан',passport\_create as 'Когда выдан',registration as 'Прописка',telephone as Телефон,educational\_institution as 'Образовательное учреждение',specialty\_of\_diplom as 'Специальность по диплому',d.name as 'ученое звание',degress\_date as 'Дата получения ученого звания',a.second\_name as 'ученая степень',convert(VARCHAR(10),titles\_date,105) as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.',competitive\_selection\_start\_date as 'Начало кон. отб',competitive\_selection\_end\_date as 'Окончание кон. отб.',Training\_dates as 'Повышения квалификации',rate as 'Ставка',total\_experience\_date as 'Стаж',experience\_date as 'Дата, педагогический стаж' from Teachers as f , Faculties as dek,Titles as d,Degrees as a where f.Dekan\_Faculties = dek.id and f.titles\_id=d.id and f.degrees\_id = a.id";

string result = "select f.id,dek.second\_name as Факультет,f.surname as Фамилия,f.name as Имя,f.middlename as Отчество,gender as Пол,convert(VARCHAR(10),birthday,105) as 'Дата рождения',passport\_serial as 'Серия паспорта',passport\_number as 'Номер паспорта',passport\_gives as 'Кем выдан',convert(VARCHAR(10),passport\_create,105) as 'Когда выдан',registration as 'Прописка',telephone as Телефон,educational\_institution as 'Образовательное учреждение',specialty\_of\_diplom as 'Специальность по диплому',d.name as 'ученое звание',convert(VARCHAR(10),titles\_date,105) as 'Дата получения ученого звания',a.second\_name as 'ученая степень',convert(VARCHAR(10),degress\_date,105) as 'Дата получения ученой степени',terms\_of\_work as 'Условия привлечения к труд. деят.',convert(VARCHAR(10),competitive\_selection\_start\_date,105) as 'Начало кон. отб',convert(VARCHAR(10),competitive\_selection\_end\_date,105) as 'Окончание кон. отб.',convert(VARCHAR(10),Training\_dates,105) as 'Повышения квалификации',rate as 'Ставка',convert(VARCHAR(10),total\_experience\_date,105) as 'Стаж',convert(VARCHAR(10),experience\_date,105) as 'Дата, педагогический стаж' from Teachers as f left join dbo.Faculties as dek on dek.id = f.Dekan\_Faculties left join Titles as d on d.id=f.titles\_id left join Degrees as a on a.id = f.degrees\_id where f.Cairs is null and f.enable > 0";

return NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

}

public static DataSet getSecondNameCairs()//Сокращенные кафедры

{

return NDataAccess.DataAccess.GetDataSet(@"select second\_name from dbo.Cairs", "Table1", connectionString);

}

public static DataSet getJobTitles()//Должность

{

return NDataAccess.DataAccess.GetDataSet(@"select name from dbo.Working\_positions", "Table1", connectionString);

**Продолжение приложения А**

}

public static DataSet getScientificDegrees()//Ученые степени

{

return NDataAccess.DataAccess.GetDataSet(@"select name from dbo.Titles", "Table1", connectionString);

}

public static DataSet getAcademicTitle()//Ученые звания

{

return NDataAccess.DataAccess.GetDataSet(@"select second\_name from dbo.Degrees", "Table1", connectionString);

}

public static string getCountRows()//Количество строк в таблице

{

ds = NDataAccess.DataAccess.GetDataSet(@"select max(id) as count from dbo.Teachers", "Table1", connectionString);

string result = ds.Tables[0].Rows[0].ItemArray[0].ToString();

if(result=="")result= "0";

return (result);

}

public static void insertPerson(string values)//Добавление преподователя

{

string head = "id,Cairs,Job\_title,surname,name,middlename,gender,birthday,passport\_serial,passport\_number,passport\_gives,passport\_create,registration,telephone,educational\_institution,specialty\_of\_diplom,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,competitive\_selection\_start\_date,competitive\_selection\_end\_date,rate,experience\_date,Training\_dates,total\_experience\_date,education\_date,enable,start\_date";

string result = "INSERT INTO dbo.Teachers (" + head + ") values " + values;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void updatePerson(string values, int id)//Добавление преподователя

{

string result = "UPDATE dbo.Teachers SET " + values + " where id = " + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void updateEndDate(string endDate, int id)//Добавление преподователя

{

string result = "UPDATE dbo.Teachers SET end\_date='" + endDate + "' where id = " + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void insertDecan(string values)//Добавление преподователя

{

string head = "id,surname,name,middlename,gender,birthday,passport\_serial,passport\_number,passport\_gives,passport\_create,registration,telephone,educational\_institution,specialty\_of\_diplom,titles\_id,titles\_date,degrees\_id,degress\_date,terms\_of\_work,competitive\_selection\_start\_date,competitive\_selection\_end\_date,rate,experience\_date,Training\_dates,total\_experience\_date,Dekan\_Faculties,education\_date,enable,start\_date";

string result = "INSERT INTO dbo.Teachers (" + head + ") values " + values;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void updateDecan(string values,int id)//Добавление преподователя

**Продолжение приложения А**

{

string result = "UPDATE dbo.Teachers SET " + values + " where id = " + id;

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void InsertTeachers(string result)//Добавление преподователя

{

NDataAccess.DataAccess.ExecuteNonQuery2(result, connectionString);

}

public static void InsertTest(string insert)

{

NDataAccess.DataAccess.ExecuteNonQuery2(insert, connectionString);

}

public static int getCairs(string cair)//Получаем id для главной таблицы

{

string result = "select id from dbo.Cairs where second\_name = '" + cair + "'";

ds = NDataAccess.DataAccess.GetDataSet(@result, "Table1", connectionString);

return int.Parse(ds.Tables[0].Rows[0].ItemArray[0].ToString());

}

public static void disableRow(int id)//Удалим преподавателя(строку)

{

NDataAccess.DataAccess.ExecuteNonQuery2("UPDATE dbo.Teachers SET enable = 0 where id = " + id, connectionString);

}

public static void dellRow(int id)//Удалим преподавателя(строку)

{

NDataAccess.DataAccess.ExecuteNonQuery2("delete from dbo.Teachers where id = "+id, connectionString);

}

public static DataSet getDekanFaculties()

{

return NDataAccess.DataAccess.GetDataSet(@"select second\_name from dbo.Faculties", "Table1", connectionString);

}

}//Класс работы с главной таблицей

public static class Users

{

public static bool hasLogin(string login)

{

ds = NDataAccess.DataAccess.GetDataSet(@"SELECT COUNT(\*) from Users where login='"+login+"'", "Table1", connectionString);

if (int.Parse(ds.Tables[0].Rows[0].ItemArray[0].ToString()) > 0)

return true;

else return false;

}

public static bool insert(string login,string pass,string role)

{

if (!hasLogin(login))

{

NDataAccess.DataAccess.ExecuteNonQuery2(@"INSERT INTO Users (login,password) VALUES ('" + login + "','" + Cryptography.getHashString(pass) + "')", connectionString);

int id = 0;

**Продолжение приложения А**

ds = NDataAccess.DataAccess.GetDataSet(@"Select Max(id) from Roles", "Table1", connectionString);

if (ds.Tables[0].Rows[0].ItemArray[0].ToString() == "") id = 1;

else id = (int)ds.Tables[0].Rows[0].ItemArray[0];

id++;

NDataAccess.DataAccess.ExecuteNonQuery2(@"INSERT INTO Roles (id,role,login) VALUES ('" + id + "','" + role + "','" + login + "')", connectionString);

return true;

}

else

{

return false;

}

}

public static void update(string oldLogin,string login, string pass, string role)

{

NDataAccess.DataAccess.ExecuteNonQuery2(@"UPDATE Users SET login='" + login + "',password='" + Cryptography.getHashString(pass) + "' where login ='" + oldLogin+"'", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2(@"UPDATE Roles SET login='" + login + "',role='" + role + "' where login ='" + oldLogin+"'", connectionString);

}

public static void dell(string login)

{

NDataAccess.DataAccess.ExecuteNonQuery2("DELETE FROM Users WHERE login ='" + login + "'", connectionString);

NDataAccess.DataAccess.ExecuteNonQuery2("DELETE FROM Roles WHERE login ='" + login + "'", connectionString);

}

public static User user(string login)

{

ds= NDataAccess.DataAccess.GetDataSet(@"SELECT u.login as 'Имя пользователя',u.password as 'Пароль',r.role as 'Роль' FROM Users as u join Roles as r on r.login=u.login where u.login='"+login+"'", "Table1", connectionString);

User user = new User();

user.login = ds.Tables[0].Rows[0].ItemArray[0].ToString();

user.password = ds.Tables[0].Rows[0].ItemArray[1].ToString();

user.role = ds.Tables[0].Rows[0].ItemArray[2].ToString();

return user;

}

public static DataSet users()

{

return NDataAccess.DataAccess.GetDataSet(@"SELECT u.login as 'Имя пользователя','\*\*\*\*\*' as 'Пароль',r.role as 'Роль' FROM Users as u join Roles as r on r.login=u.login", "Table1", connectionString);

}

public static string role(string login, string pass)

{

ds = NDataAccess.DataAccess.GetDataSet(@"SELECT r.role,u.login,u.password FROM Users as u join Roles as r on r.login=u.login where u.login ='" + login + "' and u.password='" + Cryptography.getHashString(pass) + "'", "Table1", connectionString);

if (ds.Tables[0].Rows.Count>0)

return ds.Tables[0].Rows[0].ItemArray[0].ToString();

else return "role";

}

}