

Activity 5

Adding a database

- 1.1) Create a Web application for Puk Primary.
- 1.2) Create a database with a table similar to figure below.

	Class	Teacher	Room	Size
▶	1A	Sam	1	25
	1B	Pam	2	28
	1C	Lin	3	30
	2A	Ann	4	29
	2B	Babara	5	33
	2C	Jandri	6	32
	3A	Christine	7	31
	3B	Jene	8	30
	3C	Carla	9	30
*	NULL	NULL	NULL	NULL

- 1.3) Create a website that retrieves and displays the class and teacher from your database table.
- 1.4) Enhance the site by changing background and foreground colors of the page and the grid storing the data.

Puk Primary

Class	Teacher
1A	Sam
1B	Pam
1C	Lin
2A	Ann
2B	Babara
2C	Jandri
3A	Christine
3B	Jene
3C	Carla

Show classes



MEMO

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

namespace WebmetDB
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        string constring = @"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Documents\CMPG212\Studiemateriaal\SU3 Web
development\Activities\WebmetDB\WebmetDB\App_Data\PukDB.mdf;Integrated Security=True";
        SqlConnection conn;
        SqlCommand comm;
        DataSet ds;
        SqlDataAdapter adap;

        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            string sql;
            conn = new SqlConnection(constring);
            adap = new SqlDataAdapter();
            ds = new DataSet();

            conn.Open();
            sql = @"SELECT Class, Teacher FROM ClassTable";
            comm = new SqlCommand(sql, conn);
            adap.SelectCommand = comm;
            adap.Fill(ds);

            GridView1.DataSource = ds;
            GridView1.DataBind();
            conn.Close();

        }
    }
}
```