A PROJECT WORK

ON

Online Application System

Course Code: IT – 604

Course Title: Web Technology-1 Lab

Institute of Information Technology

Jahangirnagar University

Savar, Dhaka – 1342

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Project Overview:

This project is entitled as "ONLINE ADMISSION APPLICATION". It helps us making an application management system in an university, college to manage student application in an available time. This Application system helps the organizer to manage the application system so easily.

Our Task:

1.Admin set the seat plan

2.Admin create the pdf format of seat plan

3.Student see the seat plan

Admin panel: Seat plan update and set

Step1: At first admin see the all information of students that is serialNo,mobile_no,tx_id, number_found,merit_position unitwise. For example we select A unit using dropdownlist.

Given below a screenshoot and code for this option:

See Seat Plan :

UNIT A

serialNo	mobile_no	tx_id	number_found	merit_position
1100001	01819466747	1234567890		
1100002	01827593387	123		
1100003	01819466747	0987		
1100004	01777599681	123		
1100005	01827593387	865		
1100006	01827593387	1234		

Save as PDF...

Code for unit selection:

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Configuration;
using iTextSharp.text;
using iTextSharp.text.pdf;
using System.IO;


namespace Online_Admission_Test
{
    public partial class seatplan : System.Web.UI.Page
    {
 MySqlConnection con = new
MySqlConnection(ConfigurationManager.ConnectionStrings["admissionConnectionString"].Conne
ctionString);


string constring =
ConfigurationManager.ConnectionStrings["admissionConnectionString"].ConnectionString;

        protected void Page_Load(object sender, EventArgs e)
        {
            //for datagridview 1


 con.Open();
 SqlDataSource dataSource = new SqlDataSource("MySql.Data.MySqlClient",     constring,
"SELECT * FROM apply"+DropDownList1.SelectedValue.ToLower()+"");
                GridView3.DataSource = dataSource;
                GridView3.DataBind();
                con.Close();

        }
```

Step 2: Here we use Gridview and sqldatasource for showing room information and total seat.Here we configuration default sqldatasouce and showing all room and seat information.

See Details Room Information:

room_no	seat
437_physicvhaban	20
438_Ibavhaban	12
440_kala Bahaban	12
420_oldkolavaban	50
420_iitvhaban	40
SocialscieceGallary	100

Step 3: Here admin set the room no against every roll no.Before setting admin see that figure.

Set Room No:

Set Room No: 437_physicvhaban ▾

seat Number   [   ]
Intial Roll No: [   ]
         update

Here admin set the room number,seat number,initial roll number.

Set Room No:

Set Room No: 420_iitvhaban ▾

seat Number   6
Intial Roll No: 1100001|
         update

Code for update button:

```
protected void updateB_Click(object sender, EventArgs e)
        {

            //int dif = Convert.ToInt32( endRollNo.Text) -
Convert.ToInt32(intialRollNo.Text);
            //UPDATE `admission`.`applya` SET `number_found` = '437' WHERE
`applya`.`serialNo` =1100000;
            int dif = Convert.ToInt32(seatTB.Text);
            con.Open();
            for (int i = 0; i <= dif; i++)
            {

                MySqlCommand cmdo = new MySqlCommand("Update apply" +
DropDownList1.SelectedValue.ToLower() + " set number_found='" + roomNoDDL.SelectedValue +
"' where serialNo='" + (Convert.ToInt32(intialRollNo.Text) + i) + "'", con);
                cmdo.ExecuteNonQuery();
                // GridView1.DataBind();

            }
        con.Close(); Response.Redirect("seatplan.aspx");}
```

Step 4: After clicking update button admin see the seat number against every roll unit based.

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See Seat Plan :

UNIT A ▾

serialNo	mobile_no	tx_id	number_found	merit_position
1100001	01819466747	1234567890	420_iitvha	
1100002	01827593387	123	420_iitvha	
1100003	01819466747	0987	420_iitvha	
1100004	01777599681	123	420_iitvha	
1100005	01827593387	865	420_iitvha	
1100006	01827593387	1234	420_iitvha	

Save as PDF...

Step 5: When admin click save as PDF button he will see the pdf file which contains Serial ,mobile, transaction Id, seat Information etc.

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Admission Test 2013-14

Serial	mobile	Tx	seat	merit
1100001	01819466747	1234567890	420_iitvha	
1100002	01827593387	123	420_iitvha	
1100003	01819466747	0987	420_iitvha	
1100004	01777599681	123	420_iitvha	
1100005	01827593387	865	420_iitvha	
1100006	01827593387	1234	420_iitvha	

Code for save as PDF button:

```csharp
protected void Button1_Click(object sender, EventArgs e)
        {
            Document document = new Document(PageSize.A4, 5, 5, 15, 15);
            PdfWriter.GetInstance(document, new
FileStream(HttpContext.Current.Server.MapPath("~/PDFs/doc.pdf"), FileMode.Create));
            document.Open();
            PdfPTable table = new PdfPTable(5);
            PdfPCell cell = new PdfPCell();
            //for font
            string fontpath = Server.MapPath("~/font/") + "times.ttf";
            BaseFont basefont = BaseFont.CreateFont(fontpath, BaseFont.IDENTITY_H, true);
            //for end of font
            //set font size
            Font font16 = new iTextSharp.text.Font(basefont, 16,
iTextSharp.text.Font.NORMAL, iTextSharp.text.BaseColor.BLACK);
            Font font16bold = new iTextSharp.text.Font(basefont, 16,
iTextSharp.text.Font.BOLD, iTextSharp.text.BaseColor.BLACK);

            Font font14bold = new iTextSharp.text.Font(basefont, 14,
iTextSharp.text.Font.BOLD, iTextSharp.text.BaseColor.BLACK);
            //for image
            iTextSharp.text.Image gif =
iTextSharp.text.Image.GetInstance(Server.MapPath("~/img/") + "julogo.GIF");
            gif.ScaleToFit(50f, 50f);
```

```csharp
                gif.Alignment = iTextSharp.text.Image.TEXTWRAP |
iTextSharp.text.Image.ALIGN_CENTER;
                gif.IndentationRight = 9f;
                gif.SpacingAfter = 9f;
                gif.Border = Rectangle.BOX;
                gif.BorderColor = iTextSharp.text.BaseColor.YELLOW;
                gif.BorderWidth = 5f;
                document.Add(gif);
                //end of image
                Paragraph p1 = new Paragraph("Jahangirnagar University\nAdmission Test 2013-
14\n\n", font16bold);
                p1.Alignment = iTextSharp.text.Image.ALIGN_CENTER;
                document.Add(p1);
                //cell.Padding = 9f;
                cell.Phrase = new Phrase("Serial");
                table.AddCell(cell);
                cell.Phrase = new Phrase("mobile");
                table.AddCell(cell);
                cell.Phrase = new Phrase("Tx");
                table.AddCell(cell);
                cell.Phrase = new Phrase("seat");
                table.AddCell(cell);
                cell.Phrase = new Phrase("merit");
                table.AddCell(cell);
                con.Open();
                MySqlCommand cmd = new MySqlCommand("SELECT * FROM `applya` inner join dbbl
where applya.mobile_no = dbbl.mobile_no and applya.tx_id = dbbl.tx_id ", con);


                MySqlDataReader reader = cmd.ExecuteReader();
                while (reader.Read())
                {
                    cell.Phrase = new Phrase(reader.GetString(0).ToString());
                    table.AddCell(cell);

                    cell.Phrase = new Phrase(reader.GetString(1).ToString());
                    table.AddCell(cell);

                    cell.Phrase = new Phrase(reader.GetString(2).ToString());
                    table.AddCell(cell);

                    cell.Phrase = new Phrase(reader.GetString(3).ToString());
                    table.AddCell(cell);

                    cell.Phrase = new Phrase(reader.GetString(4).ToString());
                    table.AddCell(cell);


                }
                reader.Close();
                con.Close();
                document.Add(table);
                document.Close();
                Response.Redirect("~/PDFs/doc.pdf");
        }
    }
}
```

Database Information:

Here we use My sql database.

Requirement: Xamp server,mysqlconnector.msi for mysqlconnection,itextsharp.dll for pdf.

Database Name:admission.sql

Code for connection:

```
MySqlConnection con = new
MySqlConnection(ConfigurationManager.ConnectionStrings["admissionConnectionString"].Conne
ctionString);


string constring =
ConfigurationManager.ConnectionStrings["admissionConnectionString"].ConnectionString;
```

Web.config

```
<?xml version="1.0"?>

<configuration>
    <connectionStrings>
        <add name="admissionConnectionString" connectionString="server=localhost;User
Id=root;database=admission"
            providerName="MySql.Data.MySqlClient" />
    </connectionStrings>
    <system.web>
        <compilation debug="true" targetFramework="4.0" />
    </system.web>

</configuration>
```

Student Panel:

Step 1: Student login his page and then see his all information

Code for login:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Configuration;
```

```csharp
namespace Online_Admission_Test
{
    public partial class Default : System.Web.UI.Page
    {
        MySqlConnection con = new
MySqlConnection(ConfigurationManager.ConnectionStrings["admissionConnectionString"].Conne
ctionString);


        protected void Page_Load(object sender, EventArgs e)
        {
        }

        protected void systemDDL_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (systemDDL.SelectedIndex == 0)
            {
                teletalkPanel.Visible = true;
                DBBLPanel.Visible = false;

            }
            else {
                teletalkPanel.Visible = false ;
                DBBLPanel.Visible = true;

            }
        }

        protected void submitDBBL_Click(object sender, EventArgs e)
        {
            try
            {
                con.Open();
                string query = "SELECT * from dbbl where mobile_no='" +
mobileNoTB.Text.ToString() + "' and tx_id ='" + txIDTB.Text.ToString() + "'";
                MySqlCommand cmd = new MySqlCommand(query, con);
                MySqlDataReader reader = cmd.ExecuteReader();


                if (reader.Read())
                {
                    //this.Visible = false;
                   // main c = new main();
                    Session["mobile"] = reader.GetString(0);
                    Session["tx_id"] = reader.GetString(1);
                   // c.Visible = true;

                    if(reader.GetString(3) == "")
                    Response.Redirect("general.aspx");
                    else
                        Response.Redirect("main.aspx");

                }
                else
                {
                    wrongLabel.Visible = true;
```

```
                }

            reader.Close();   //close Data Reader

            //close Connection

            con.Close();
        }
        catch (Exception ew)
        {
            wrongLabel.Text = ew.Message.ToString();

        }

        }
}
```

Step 2: After login student see his/her own seat plan unit based

Download Admit Card:

Unit	Serial No	Download Admit Card	
A Unit	Serial No: 1100001	Download Admit Card	Exam Room: Seat plan : 420_iitvha
B Unit	Serial No:2100002	Download Admit Card	Exam Room: Seat plan : 438
C Unit	Serial No:None	Download Admit Card	Exam Room: None
D Unit	Serial No:None	Download Admit Card	Exam Room: None
E Unit	Serial No:None	Download Admit Card	Exam Room: None
F Unit	Serial No: None	Download Admit Card	Exam Room: None
G Unit	Serial No: None	Download Admit Card	Exam Room: None
H Unit	Serial No:None	Download Admit Card	Exam Room: None

Code for showing seat plan:

```
protected void Page_Load(object sender, EventArgs e)
        {
            mobileNoPanel7.Text = Session["mobile"] as string;
            tx_idPanel7.Text = Session["tx_id"] as string;
          /* hscboardLPanel7.Text = Session["hsc_board"] as string;
            hscrollLpanel7.Text = Session["hsc_roll"] as string;
            hscpassyearLpane7.Text = Session["hsc_pass_year"] as string;
*/
```

```
//admit card choose
admitcardselection("applya", admitcardBA,Aunitserial,AunitExamRoom);
admitcardselection("applyb", admitcardBB,Bunitserial,BunitExamRoom);
admitcardselection("applyc", admitcardBC,Cunitserial,CunitExamRoom);
admitcardselection("applyd", admitcardBD,Dunitserial,DunitExamRoom);
admitcardselection("applye", admitcardBE,Eunitserial,EunitExamRoom);
admitcardselection("applyf", admitcardBF,Funitserial,FunitExamRoom);
admitcardselection("applyg", admitcardBG,Gunitserial,GunitExamRoom);
admitcardselection("applyh", admitcardBH,Hunitserial,HunitExamRoom);


}
```