ONLINE DOCTOR MANAGEMENT SYSTEM

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**Acknowledgement**

At the early stage of our career we deem ourselves fortunate in

having an opportunity to work in such project. A large number of individuals had directly

contributed in this project. We would like to thank the countless number of people who

have helped get this work out of door. While developing this project we had to consult

many people from different grounds of activity, which includes Software Professionals,

Database Administrator Networking professional and many more.

First and foremost, we our project guide Mr. Alankar Sooraj whose earnest suggestion,

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development and bearing inconvenience.

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Environment and facilities to complete this project. It gave us an opportunity to participate and learn

about the operation of online travel deal. In addition, we would also like to thank Globsyn

Corporation which provided us valuable information as the guidance of our project. Finally,

an honourable mention goes to our families and friends for their understanding and

Support on us in completing this project.

We are all indebted to all the above mentioned people without whom the completion of the project would

Not have been materialized.

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**Project Objective**

Online doctor booking system is aimed to Develop and implement a Web based doctor Management System for 24 x 7 access to some services regarding several healthcare issues like doctor, hospital etc. It provides a facility to reserve an appointment, cancellation of appointments and different types of enquiry which need an instant and quick appointment .It is built to manage and computerize the traditional database of doctors and hospitals sorted by specific areas. It maintains all data of doctors, hospitals, appointments and patients.

The primary project goals consist of:

 providing patients best in quality guidance to hospitals, doctors etc

 Enable patients and their relatives to review a particular doctor or services provided by a hospital

 associating multiple doctors with a single department

**Project Scope**

The broad scope of the online doctor management project includes:

* The system will be available on an online platform for 24x7 access to the patients and their relatives, doctors and the administration.
* The system will support reviews submitted by patients regarding the services provided by the hospitals and doctors.
* These reviews would help the patients to choose appropriate hospitals and doctors.

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**Requirement Specification**

* Domain Description:

In early days, when a person felt seek he/she would have to consult a doctor referred by some of his/her friend or well wishers. Nowadays internet has become the place to discuss the quality of the services provided by hospitals and doctors and thus several companies are designing their own online doctor booking websites where they provide the relevant information online to the whole world.

And..

The key actors in these websites are generally:

* The end users or more appropriately speaking, the patients who view all Doctor and hospital details.
* The doctors who play a vital role in providing the services for the patients. He/she has the authority to confirm an appointment.
* The admin of the website updates various appointments after fetching it from the timing of the doctors.
* Problem Definition:

Website presents a list of departments from where patients can choose their area of concern. Before buying, patients should register themselves.Admin of the website creates different departments and the doctor list belonged to that department. These deals are viewed by patients when they visit the website. Every patient has their own login id and password. Every doctor has their own login id and password using which they can login to the system and can see all the appointment (made by patients) for them. patients can login to their account to view the appointment they made and can see whether their appointment is confirmed or not.

Functional Requirements:

1. Adding the list of departments and doctors by the admin.
2. Registering a new patient.
3. Patients can see all the departments and doctors and book the appointment suitable for him.
4. Confirmation of a booked deal by the patient.
5. Patients can see the status of booking of appointment and other details.

* Hardware /Software Requirements:

Client side:

* Pentium IV equivalent or above processor.
* At least 512 MB of RAM
* True colour visual display unit
* User peripherals for better interaction
* Hardware recommended by respective client’s operating system and Web browser.
* Communication hardware to communicate the server.
* Server side
* Pentium 4 or above
* 2gb RAM
* At least 10gb of disc space
* Network Interface
* Hardware recommended by all software needed
* Communication hardware to serve client requests
* Software Requirement
* Client side
* Web Browser (ex. Google Chrome, Internet Explorer 6 or above, Mozilla Firefox, etc)
* Technology used: J2EE for server side programming and Eclipse Juno used as IDE. MySQL used for database.
* Platform used: Windows 7
* Server side
* Operating system Linux/Windows Xp or higher.
* Server side scripting tools: javascript.
* Database tools: My Sql Database server.

**Database Design**

**TABLES:**

Table: Patientprofile

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Allow nulls |
| patientid | int | No |
| fname | varchar(50) | Yes |
| lname | varchar(50) | Yes |
| mobileno | varchar(10) | Yes |
| gender | char(1) | Yes |
| dob | date | Yes |
| email | varchar(50) | Yes |
| password | varchar(50) | Yes |
| image | varchar(50) | Yes |
| address | varchar(50) | Yes |

Table:doctorprofile

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Allow nulls |
| Regno | char(1) | Yes |
| Fname | Date | Yes |
| Lname | varchar(50) | Yes |
| Gender | varchar(50) | Yes |
| Dob | varchar(50) | Yes |
| Specialization | varchar(50) | Yes |
| Qualification | varchar(50) | Yes |
| Experience | varchar(50) | Yes |
| Address | varchar(50) | Yes |
| Timing | varchar(50) | Yes |
| Photo | varchar(50) | Yes |
| hospital | varchar(50) | Yes |
| about | varchar(500) | Yes |
| password | varchar(50) | Yes |

Table:Appointment

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Allow nulls |
| Appointmentid | Int | No |
| regno | Int | No |
| Patientid | Int | No |
| Timeslot | varchar(50) | Yes |
| Date | date | Yes |
| Hospital | varchar(50) | Yes |
| Healthissue | varchar(50) | Yes |
| status | varchar(50) | Yes |
|  |  |  |

Table:Hospital

|  |  |  |
| --- | --- | --- |
| Column name | Data Type | Allow nulls |
| Hospialname | Varchar(50) | Yes |
| location | Varchar(50) | Yes |
| Contact | Varchar(50) | Yes |
| Image | Varchar(50) | |
|  |  | |

**E-R Diagram:**

**DoctorProfile**

|  |
| --- |
| Regno |
| Fname |
| Lname |
| Gender |
| DOB |
| Specialization |
| Qualification |
| Experience |
| Address |
| Timing |
| Photo |
| Hospital |
| About |
| Password |

**Patient**

**PatientProfile**

|  |
| --- |
| PatientID |
| Fname |
| Lname |
| Mobile No. |
| DOB |
| Email |
| Password |
| Gender |
| Address |
| Image |

Doctor Confirms Appointment

Patient Books Appointment

Admitted to Hospital

|  |
| --- |
| Hospitalname |
| location |
| Contact |
| Image |

**Appointment**

**Hospital**

|  |
| --- |
| AppointmentId |
| Regno |
| PatientId |
| Timing |
|  |
|  |
|  |
|  |

**Application workflow**

Update patient Details

Doctor appointment Details

Doctor Login

Homepage

UserID

Patient Guidance

Patient Login

Doctor Guidance

Hospital Guidance

Sign Up

**Screenshots**

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**Future Scope of Improvements**

* The GUI could have been developed from all the user perspective.
* There is no display of total no of beds available on the hospital. Later it would be developed.
* Security logs though not implemented in this system would be available through the respective database management system.

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**Code**

Prelogin.aspx.cs:

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;

public partial class prelogin : System.Web.UI.Page

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void btn\_login\_Click(object sender, EventArgs e)

{

c.Open();

SqlCommand doctorcmd = new SqlCommand("select count(\*) from doctorprofile where regno = @id", c);

doctorcmd.Parameters.AddWithValue("@id", txt\_login.Text);

int flagdoc = Convert.ToInt32(doctorcmd.ExecuteScalar());

if (flagdoc > 0)

{

Session["doctorid"] = txt\_login.Text;

Response.Redirect("doctor\_login.aspx");

}

else

{

SqlCommand patientcmd = new SqlCommand("select count(\*) from patientprofile where patientid = @id", c);

patientcmd.Parameters.AddWithValue("@id", txt\_login.Text);

int flagpat = Convert.ToInt32(patientcmd.ExecuteScalar());

if (flagpat > 0)

{

Session["patientid"] = txt\_login.Text;

Response.Redirect("patient\_login.aspx");

} else

{

Response.Redirect("doctor\_signup.aspx");

}

} c.Close();

}

Doctor\_login.aspx.cs:

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;

public partial class doctorlogin : System.Web.UI.Page

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

c.Open();

SqlCommand cmd = new SqlCommand("select fname from doctorprofile where regno = @reg", c);

cmd.Parameters.AddWithValue("@reg", Session["doctorid"].ToString());

lbl\_patname.Text = "Dr. "+cmd.ExecuteScalar().ToString();

SqlCommand cmd1 = new SqlCommand("select photo from doctorprofile where regno = @reg", c);

cmd1.Parameters.AddWithValue("@reg", Session["doctorid"].ToString());

patient\_image.ImageUrl = cmd1.ExecuteScalar().ToString();

c.Close();

}

protected void LoginButton\_Click(object sender, EventArgs e)

{

}

protected void Login2\_Authenticate(object sender, AuthenticateEventArgs e)

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

c.Open();

SqlCommand cmd = new SqlCommand("select count(\*) from doctorprofile where regno = @id and password = @pass", c);

cmd.Parameters.AddWithValue("@id", Login2.UserName);

cmd.Parameters.AddWithValue("@pass", Login2.Password);

int count = Convert.ToInt32(cmd.ExecuteScalar());

c.Close(); if (count > 0)

{

e.Authenticated = true; }

} protected void Login2\_LoggedIn(object sender, EventArgs e)

{

Response.Redirect("~/patienthomepage/doctorhomepage.aspx");

}

}

Patient\_login.aspx.cs:

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;

public partial class patient\_login : System.Web.UI.Page

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

Login2.UserName = Session["patientid"].ToString();

c.Open();

SqlCommand cmd = new SqlCommand("select fname from patientprofile where patientid = @pid", c);

cmd.Parameters.AddWithValue("@pid", Session["patientid"].ToString());

lbl\_patname.Text = cmd.ExecuteScalar().ToString();

SqlCommand cmd1 = new SqlCommand("select image from patientprofile where patientid = @pid2", c);

cmd1.Parameters.AddWithValue("@pid2", Session["patientid"].ToString());

patient\_image.ImageUrl = cmd1.ExecuteScalar().ToString();

c.Close();

}

protected void btn\_login\_Click(object sender, EventArgs e)

{

}

protected void Login2\_Authenticate(object sender, AuthenticateEventArgs e)

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

c.Open();

SqlCommand cmd = new SqlCommand("select count(\*) from patientprofile where patientID = @id and password = @pass", c);

cmd.Parameters.AddWithValue("@id", Login2.UserName);

cmd.Parameters.AddWithValue("@pass", Login2.Password);

int count = Convert.ToInt32(cmd.ExecuteScalar());

c.Close();

if (count > 0)

{

e.Authenticated = true;

}

}

protected void Login2\_LoggedIn(object sender, EventArgs e)

{

Response.Redirect("~/patienthomepage/phomepage.aspx");

}

}

Doctorsignup.aspx.cs:

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;

public partial class doctor\_signup : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

int i = 0;

dd\_year.Items.Add("SELECT");

for (i = 1950; i < 2016; i++)

dd\_year.Items.Add(i.ToString());

}

protected void Button1\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

con.Open();

SqlCommand com = new SqlCommand("insert doctorprofile values(@regno,@fname,@lname,@gender,@dob,@spec,NULL,NULL,NULL,NULL,@photo,NULL,NULL,@pass)", con);

com.Parameters.AddWithValue("@fname", txt\_fname.Text);

com.Parameters.AddWithValue("@lname", txt\_lname.Text);

com.Parameters.AddWithValue("@regno", txt\_regno.Text);

if (rb\_male.Checked)

{

com.Parameters.AddWithValue("@gender", rb\_male.Text);

}

else

{

com.Parameters.AddWithValue("@gender", rb\_female.Text);

}

com.Parameters.AddWithValue("@dob", dd\_month.SelectedValue + "/" + dd\_date.Text + "/" + dd\_year.Text);

com.Parameters.AddWithValue("@mail", txt\_email.Text);

com.Parameters.AddWithValue("@pass", txt\_pass.Text);

com.Parameters.AddWithValue("@spec", dd\_spec.Text);

com.Parameters.AddWithValue("@photo", "");

com.ExecuteNonQuery();

FileUpload1.SaveAs(MapPath("~/images/"+ txt\_regno.Text + ".jpg"));

SqlCommand com\_update = new SqlCommand("update doctorprofile set photo=@img where regno=@reg", con);

com\_update.Parameters.AddWithValue("@reg", txt\_regno.Text);

com\_update.Parameters.AddWithValue("@img", "~/images/" + txt\_regno.Text + ".jpg");

com\_update.ExecuteNonQuery();

con.Close();

Response.Write("<script>alert('Saved');</script>");

}

protected void txt\_pass\_TextChanged(object sender, EventArgs e)

{

}

protected void dd\_month\_SelectedIndexChanged(object sender, EventArgs e)

{ } }

Patientsignup.aspx.cs:

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;

public partial class patient\_signup : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

int i = 0;

dd\_year.Items.Add("SELECT");

for(i = 1970; i<2016; i++)

dd\_year.Items.Add(i.ToString());

}

protected void CustomValidator1\_ServerValidate(object source, ServerValidateEventArgs args)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

con.Open();

SqlCommand com = new SqlCommand("insert patientprofile values(@fname,@lname,@mobileno,@gender,@dob,@mail,@pass,@image,@add)", con);

com.Parameters.AddWithValue("@fname", txt\_fname.Text);

com.Parameters.AddWithValue("@lname", txt\_lname.Text);

com.Parameters.AddWithValue("@mobileno", txt\_mobileno.Text);

if (rb\_male.Checked)

{

com.Parameters.AddWithValue("@gender", rb\_male.Text);

}

else

{

com.Parameters.AddWithValue("@gender", rb\_female.Text);

}

com.Parameters.AddWithValue("@dob", dd\_month.SelectedValue + "/" + dd\_date.Text + "/" + dd\_year.Text);

com.Parameters.AddWithValue("@mail", txt\_email.Text);

com.Parameters.AddWithValue("@pass", txt\_pass.Text);

com.Parameters.AddWithValue("@image","");

com.Parameters.AddWithValue("@add", txt\_add.Text);

com.ExecuteNonQuery();

SqlCommand com\_id = new SqlCommand("select @@Identity", con);

int id = Convert.ToInt32(com\_id.ExecuteScalar());

FileUpload1.SaveAs(MapPath("~/images/" + id.ToString() + ".jpg"));

SqlCommand com\_update = new SqlCommand("update patientprofile set image=@img where patientid=@pid", con);

com\_update.Parameters.AddWithValue("@pid", id.ToString());

com\_update.Parameters.AddWithValue("@img", "~/images/" + id.ToString() + ".jpg");

com\_update.ExecuteNonQuery();

con.Close();

Response.Write("<script>alert('Saved');</script>");

}

}

* Patient Home Page:

Patienthomepage.aspx.cs:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class phomepage : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void ImageButton1\_Click(object sender, ImageClickEventArgs e)

{

Response.Redirect("~/patienthomepage/patientguidance.aspx");

}

protected void ImageButton2\_Click(object sender, ImageClickEventArgs e)

{

Response.Redirect("~/patienthomepage/doctorguidance.aspx");

}

protected void ImageButton3\_Click(object sender, ImageClickEventArgs e)

{

Response.Redirect("~/patienthomepage/hospitalguidance.aspx");

}

}

Doctorguidance.aspx.cs:

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;

public partial class patienthomepage\_doctorguidance : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void ll\_dept\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

SqlDataAdapter data = new SqlDataAdapter("select regno, 'Dr. '+fname+ ' '+ lname as 'fname',gender,timing,photo from doctorprofile where specialization=@spec", con);

data.SelectCommand.Parameters.AddWithValue("@spec", ll\_dept.SelectedItem.Text)

DataSet ds = new DataSet();

data.Fill(ds, "doctor");

gv\_doctor.DataSource = ds.Tables["doctor"];

gv\_doctor.DataBind();

con.Close();

}

protected void GridView1\_PageIndexChanging(object sender, GridViewPageEventArgs e)

{ }

protected void gv\_doctor\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

foreach (GridViewRow row in gv\_doctor.Rows)

{

Label l = (Label) gv\_doctor.SelectedRow.FindControl("lbl\_regno");

Session["reg"] = l.Text;

Response.Redirect("doctor\_profile.aspx");

} con.Close();

}

}

Doctor\_profile.aspx.cs:

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;

public partial class patienthomepage\_doctor\_guidance : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

DateTime now = DateTime.Now;

dd\_month.Items.Add(now.Month.ToString());

dd\_year.Items.Add(now.Year.ToString());

int i;

for (i = 1; i <= 31; i++)

{

dd\_day.Items.Add(i.ToString());

}

con.Open();

SqlCommand com = new SqlCommand("select \* from doctorprofile where regno = @reg", con);

com.Parameters.AddWithValue("@reg",Session["reg"]);

SqlDataReader dr = com.ExecuteReader();

if (dr.Read())

{

lbl\_regno.Text = dr.GetInt32(0).ToString();

Session["dname"] = lbl\_name.Text = "Dr." +dr.GetString(1)+ " " +dr.GetString(2);

lbl\_gender.Text = dr.GetString(3);

lbl\_spec.Text = dr.GetString(5);

lbl\_qualification.Text = dr.GetString(6);

Session["timeslot"] = dr.GetString(9);

lbl\_add.Text = dr.GetString(8);

Session["hospital"] = lbl\_hospital.Text = dr.GetString(11);

lbl\_about.Text = dr.GetString(12);

img\_p.ImageUrl = dr.GetString(10);

lbl\_exp.Text = dr.GetString(7)+" yrs ";

}

dr.Close();

SqlCommand com1 = new SqlCommand("select datediff(yy,dob,getdate()) as age from doctorprofile where regno = @reg",con);

com1.Parameters.AddWithValue("@reg", Session["reg"]);

string s = com1.ExecuteScalar().ToString();

lbl\_age.Text = s;

con.Close();

}

protected void btn\_appointment\_Click(object sender, EventArgs e)

{

Session["date"] = dd\_month.Text + "/" + dd\_day.Text + "/" + dd\_year.Text;

Response.Redirect("appointment.aspx");

}

}

Appointment.aspx.cs:

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;

public partial class patienthomepage\_appointment : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

con.Open();

SqlCommand com = new SqlCommand("select \* from patientprofile where patientid = @pid", con);

com.Parameters.AddWithValue("@pid", User.Identity.Name);

SqlDataReader dr = com.ExecuteReader();

if (dr.Read())

{

Session["pname"] = lbl\_name.Text = dr.GetString(1)+" "+dr.GetString(2);

lbl\_dname.Text = Session["dname"].ToString();

lbl\_timeslot.Text = Session["timeslot"].ToString();

lbl\_date.Text = Session["date"].ToString();

}

dr.Close();

}

protected void btn\_confirm\_Click(object sender, EventArgs e)

{

Response.Redirect("appointmentconfirm.aspx");

}

}

Appointmentconfirm.aspx.cs:

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;

public partial class patienthomepage\_appointmentconfirm : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

con.Open();

SqlCommand cmd = new SqlCommand("insert appointment values(@regno,@pid,@timeslot,@date,NULL,NULL,NULL)", con);

cmd.Parameters.AddWithValue("@regno", Convert.ToInt32( Session["reg"]));

cmd.Parameters.AddWithValue("@pid", User.Identity.Name);

cmd.Parameters.AddWithValue("@timeslot", Session["timeslot"].ToString());

cmd.Parameters.AddWithValue("@date", Session["date"].ToString());

cmd.ExecuteNonQuery();

con.Close();

lbl\_pid.Text = User.Identity.Name;

lbl\_pname.Text = Session["pname"].ToString();

lbl\_dname.Text = Session["dname"].ToString();

lbl\_time.Text = Session["timeslot"].ToString();

lbl\_date.Text = Session["date"].ToString();

lbl\_hospital.Text = Session["hospital"].ToString();

con.Open();

SqlCommand com = new SqlCommand("select appointmentid from appointment where regno=@reg and patientid=@pid ", con);

com.Parameters.AddWithValue("@reg", Convert.ToInt32(Session["reg"]));

com.Parameters.AddWithValue("@pid", User.Identity.Name);

int s = Convert.ToInt32( com.ExecuteScalar());

lbl\_appid.Text = s.ToString();

con.Close();

}

}

Hospitalguidance.aspx.cs:

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;

public partial class patienthomepage\_hospitalguidance : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void btn\_search\_Click(object sender, EventArgs e)

{

con.Open();

SqlCommand cmd = new SqlCommand("select count(\*) from doctorprofile where hospital = @hname",con);

cmd.Parameters.AddWithValue("@hname",txt\_hname.Text);

int count = Convert.ToInt32(cmd.ExecuteScalar());

if (count > 0)

{

Session["hname"] = txt\_hname.Text;

Response.Redirect("hospital\_profile.aspx");

}

else

{

Response.Write("<script>alert('no such profile');</script>");

}

con.Close();

}

}

Hospital\_profile.aspx.cs:

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;

public partial class patienthomepage\_hospital\_profile : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{ }

protected void ll\_dept\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

SqlDataAdapter data = new SqlDataAdapter("select regno, 'Dr. '+fname+ ' '+ lname as 'fname',gender,timing,photo from doctorprofile where specialization=@spec and hospital = @hname", con);

data.SelectCommand.Parameters.AddWithValue("@spec", ll\_dept.SelectedItem.Text);

data.SelectCommand.Parameters.AddWithValue("@hname", Session["hname"].ToString());

DataSet ds = new DataSet();

data.Fill(ds, "doctor");

gv\_doctor.DataSource = ds.Tables["doctor"];

gv\_doctor.DataBind();

con.Close();

}

protected void gv\_doctor\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

foreach (GridViewRow row in gv\_doctor.Rows)

{

Label l = (Label)row.FindControl("lbl\_regno");

Session["reg"] = l.Text;

Response.Redirect("doctor\_profile.aspx");

}

con.Close();

}

protected void GridView1\_PageIndexChanging(object sender, GridViewPageEventArgs e)

{

}

}

Patientguidance.aspx.cs:

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;

public partial class patienthomepage\_patientguidance : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

if (!IsPostBack)

{

int day, year;

for (day = 1; day < 32; day++)

{ dd\_day.Items.Add(day.ToString()); }

for (year = 1950; year < 2015; year++)

{ dd\_year.Items.Add(year.ToString()); }

txt\_relation.Visible = false;

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

con.Open();

SqlDataAdapter data = new SqlDataAdapter("SELECT \* FROM patientprofile WHERE(fname = @name) AND (DATEPART(yy, dob) = @yr)", con);

data.SelectCommand.Parameters.AddWithValue("@name", txt\_pname.Text);

data.SelectCommand.Parameters.AddWithValue("@yr", dd\_year.Text);

DataSet ds = new DataSet();

data.Fill(ds, "doctor");

gv\_patient.DataSource = ds.Tables["doctor"];

gv\_patient.DataBind();

con.Close();

}

protected void dd\_relation\_SelectedIndexChanged(object sender, EventArgs e)

{

if (dd\_relation.SelectedValue == "Other")

{

txt\_relation.Text = null;

txt\_relation.Visible = true;

}

else

{

txt\_relation.Text = dd\_relation.Text;

}

}

protected void gv\_patient\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

Label l = (Label)gv\_patient.SelectedRow.FindControl("lbl\_pid");

Session["pid1"] = l.Text;

Label1.Text = Session["pid1"].ToString();

Response.Redirect("patient\_profile.aspx");

con.Close();

}

protected void dd\_day\_SelectedIndexChanged(object sender, EventArgs e)

{ }

protected void dd\_year\_SelectedIndexChanged(object sender, EventArgs e)

{

}

}

Patient\_profile.aspx.cs:

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;

public partial class patienthomepage\_patient\_profile : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

con.Open();

SqlCommand com = new SqlCommand("select \* from patientprofile where patientid = @pid", con);

com.Parameters.AddWithValue("@pid", Session["pid1"].ToString());

SqlDataReader dr = com.ExecuteReader();

if (dr.Read())

{

lbl\_pid.Text = Session["pid1"].ToString();//dr.GetInt32(0).ToString();

lbl\_name.Text = "Dr." + dr.GetString(1) + " " + dr.GetString(2);

lbl\_mobile.Text = dr.GetString(3);

lbl\_gender.Text = dr.GetString(4);

lbl\_mail.Text = dr.GetString(6);

lbl\_add.Text = dr.GetString(9);

}

dr.Close();

SqlCommand com1 = new SqlCommand("select datediff(yy,dob,getdate()) as age from patientprofile where patientid = @pid", con);

com1.Parameters.AddWithValue("@pid", Session["pid1"].ToString());

string s = com1.ExecuteScalar().ToString();

lbl\_age.Text = s;

SqlCommand com2 = new SqlCommand("select \* from appointment where patientid = @pid", con);

com2.Parameters.AddWithValue("@pid", Session["pid"]);

SqlDataReader dr1 = com2.ExecuteReader();

if (dr1.Read())

}

lbl\_hospital.Text = dr1.GetString(5);

lbl\_hissue.Text = dr1.GetString(6);

lbl\_status.Text = dr1.GetString(7);}

con.Close();

}

protected void btn\_payment\_Click(object sender, EventArgs e)

{

}

}

* Doctor Home Page:

Doctorhomepage.aspx.cs:

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;

public partial class doctorhomepage\_doctorhomepage : System.Web.UI.Page

{

SqlConnection c = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

c.Open();

SqlCommand com = new SqlCommand("select \* from doctorprofile where regno = @reg", c);

com.Parameters.AddWithValue("@reg", User.Identity.Name);

SqlDataReader dr = com.ExecuteReader();

if (dr.Read())

{

lbl\_name.Text = "Dr. " +dr.GetString(1)+" "+dr.GetString(2) ;

img\_doc.ImageUrl = dr.GetString(10);

}

dr.Close();

SqlDataAdapter data = new SqlDataAdapter("SELECT appointment.appointmentid, patientprofile.patientid, patientprofile.fname,DATEPART(dd, appointment.date) AS 'date' FROM patientprofile CROSS JOIN appointment WHERE (patientprofile.patientid = appointment.patientid) and appointment.timeslot='morning'", c);

DataSet ds = new DataSet();

data.Fill(ds, "doctor");

gv\_morning.DataSource = ds.Tables["doctor"];

gv\_morning.DataBind();

SqlDataAdapter data1 = new SqlDataAdapter("SELECT appointment.appointmentid, patientprofile.patientid, patientprofile.fname, DATEPART(dd, appointment.date) AS 'date' FROM patientprofile INNER JOIN appointment ON patientprofile.patientid = appointment.patientid WHERE (appointment.timeslot = 'afternoon')", c);

DataSet ds1 = new DataSet();

data1.Fill(ds1, "doctor1");

gv\_afternoon.DataSource = ds1.Tables["doctor1"];

gv\_afternoon.DataBind();

SqlDataAdapter data2 = new SqlDataAdapter("SELECT appointment.appointmentid, patientprofile.patientid, patientprofile.fname, DATEPART(dd, appointment.date) AS 'date' FROM patientprofile INNER JOIN appointment ON patientprofile.patientid = appointment.patientid WHERE (appointment.timeslot = 'evening')", c);

DataSet ds2 = new DataSet();

data2.Fill(ds2, "doctor2");

gv\_evening.DataSource = ds2.Tables["doctor2"];

gv\_evening.DataBind();

c.Close();

}

protected void gv\_afternoon\_SelectedIndexChanged(object sender, EventArgs e)

{

c.Open();

foreach (GridViewRow row in gv\_afternoon.Rows)

{

Label l = (Label)gv\_afternoon.SelectedRow.FindControl("lbl\_pid");

Label l1 = (Label)gv\_afternoon.SelectedRow.FindControl("lbl\_fname");

Label l2 = (Label)gv\_afternoon.SelectedRow.FindControl("lbl\_aid");

Session["aid"] = l2.Text;

Session["pname"] = l1.Text;

Session["patient"] = l.Text;

Response.Redirect("updatepatient.aspx");

}

c.Close();

}

protected void gv\_morning\_SelectedIndexChanged(object sender, EventArgs e)

{

c.Open();

foreach (GridViewRow row in gv\_morning.Rows)

{

Label l = (Label)gv\_morning.SelectedRow.FindControl("lbl\_pid");

Label l1 = (Label)gv\_morning.SelectedRow.FindControl("lbl\_fname");

Label l2 = (Label)gv\_morning.SelectedRow.FindControl("lbl\_aid");

Session["aid"] = l2.Text;

Session["pname"] = l1.Text;

Session["patient"] = l.Text;

Response.Redirect("updatepatient.aspx");

}

c.Close();

}

protected void gv\_evening\_SelectedIndexChanged(object sender, EventArgs e)

{

c.Open();

foreach (GridViewRow row in gv\_evening.Rows)

{

Label l = (Label)gv\_evening.SelectedRow.FindControl("lbl\_pid");

Label l1 = (Label)gv\_evening.SelectedRow.FindControl("lbl\_fname");

Label l2 = (Label)gv\_evening.SelectedRow.FindControl("lbl\_aid");

Session["aid"] = l2.Text;

Session["pname"] = l1.Text;

Session["patient"] = l.Text;

Response.Redirect("updatepatient.aspx");

}

c.Close();

}

protected void btn\_edit\_Click(object sender, EventArgs e)

{

Response.Redirect("editprofile.aspx");

}

}

Updatepatient.aspx.cs:

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;

public partial class patienthomepage\_updatepatient : System.Web.UI.Page

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

protected void Page\_Load(object sender, EventArgs e)

{

lbl\_name.Text = Session["pname"].ToString();

}

protected void btn\_update\_Click(object sender, EventArgs e)

{

con.Open();

SqlCommand com = new SqlCommand("update appointment set status = @stat, healthissue=@hs where appointmentid=@aid",con);

com.Parameters.AddWithValue("@stat", dd\_status.Text);

com.Parameters.AddWithValue("@hs", txt\_hissue.Text);

com.Parameters.AddWithValue("@aid", Session["aid"].ToString());

com.ExecuteNonQuery();

con.Close();

Response.Write("<script>alert('Health issue updated');</script>");

Response.Redirect("doctorhomepage.aspx");

}

}

Edit\_profile.aspx.cs:

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;

public partial class patienthomepage\_editprofile : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

SqlConnection con = new SqlConnection(@"Data Source=.\SQLEXPRESS;AttachDbFilename=C:\SGSproject\sgsdatabase.mdf;Integrated Security=True;Connect Timeout=30;User Instance=True");

con.Open();

SqlCommand com = new SqlCommand("update doctorprofile set qualification = @qual, experience = @exp, address = @add, timing = @timing where regno = @reg ", con);

com.Parameters.AddWithValue("@qual", txt\_qual.Text);

com.Parameters.AddWithValue("@exp", txt\_exp.Text);

com.Parameters.AddWithValue("@reg", User.Identity.Name);

com.Parameters.AddWithValue("@add", txt\_add.Text);

com.Parameters.AddWithValue("@timing", dd\_timing.Text);

com.ExecuteNonQuery();

con.Close();

}

}

13

**Certificate**

This is to certify that Ms Gangotri Chakraborty of Adamas Institute Of Technology, registration number 28705 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

--- --------------------------------------------------- -

**Mr.Alankar Sooraj**

**Globsyn Finishing School**

**Certificate**

This is to certify that Mr Spandan Bandyopadhaya of Adamas Institute Of Technology, registration number 28706 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

--- --------------------------------------------------- -

**Mr.Alankar Sooraj**

**Globsyn Finishing School**

**Certificate**

This is to certify that Mr Subhankar Bala of University Of Kalyani, registration number 28707 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

--- --------------------------------------------------- -

**Mr.Alankar Sooraj**

**Globsyn Finishing School**

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**Certificate**

This is to certify that Ms Gangotri Chakraborty of Adamas Institute Of Technology, registration number 28705 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

--- --------------------------------------------------- -

**Mr.Alankar Sooraj**

**Globsyn Finishing School**

**Certificate**

This is to certify that Mr Spandan Bandyopadhaya of Adamas Institute Of Technology, registration number 28706 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

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**Mr.Alankar Sooraj**

**Globsyn Finishing School**

**Certificate**

This is to certify that Mr Subhankar Bala of University Of Kalyani, registration number 28707 has successfully completed a project on ONLINE Doctor Management System using ASP.Net under the guidance of Mr. Alankar Sooraj

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**Mr.Alankar Sooraj**

**Globsyn Finishing School**