

*REPORT ON*

**Project Management System**

*SUBMITTED TO*

**Department of Computer Science & Engineering**

*by*

Hazlin Dsouza Roll no. 11

Dia Majumder Roll no. 12

Keya Sukthankar Roll no. 26

CSE B VII Sem

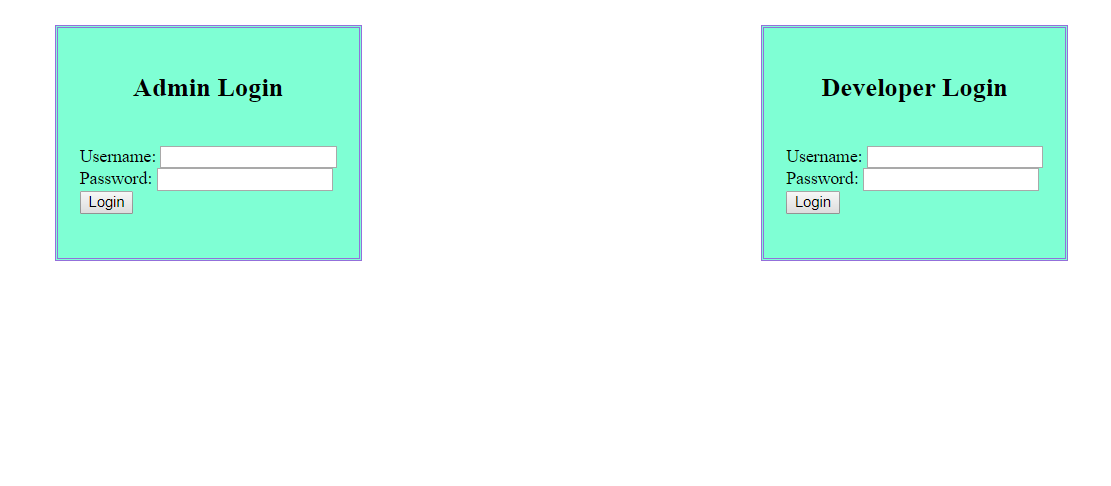
Introduction

Project Management System aims at managing different tasks as well as the employees associated with the work. Managing a project involves many different aspects and many things that have to be tracked and followed up upon. A person can login either as an Administrator or a Developer.

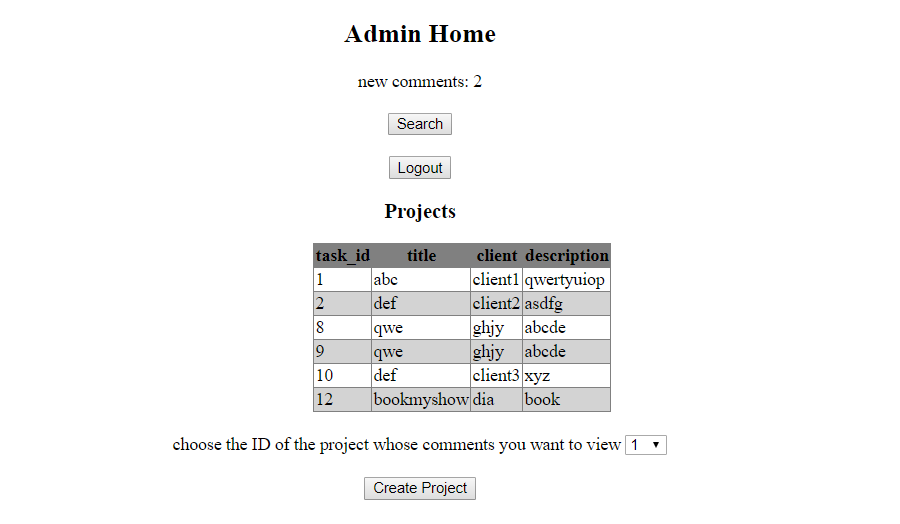
As an administrator you can create a new project and add details such as title, client and description. You can also view, approve or reject a developer’s comment. You will receive an automatic notification when a developer comments on a project. You can view the status of the comment (if it is approved or pending) and you can also generate a search report based on given parameters (client name and title). As a developer you can add and view comment on projects.

Results

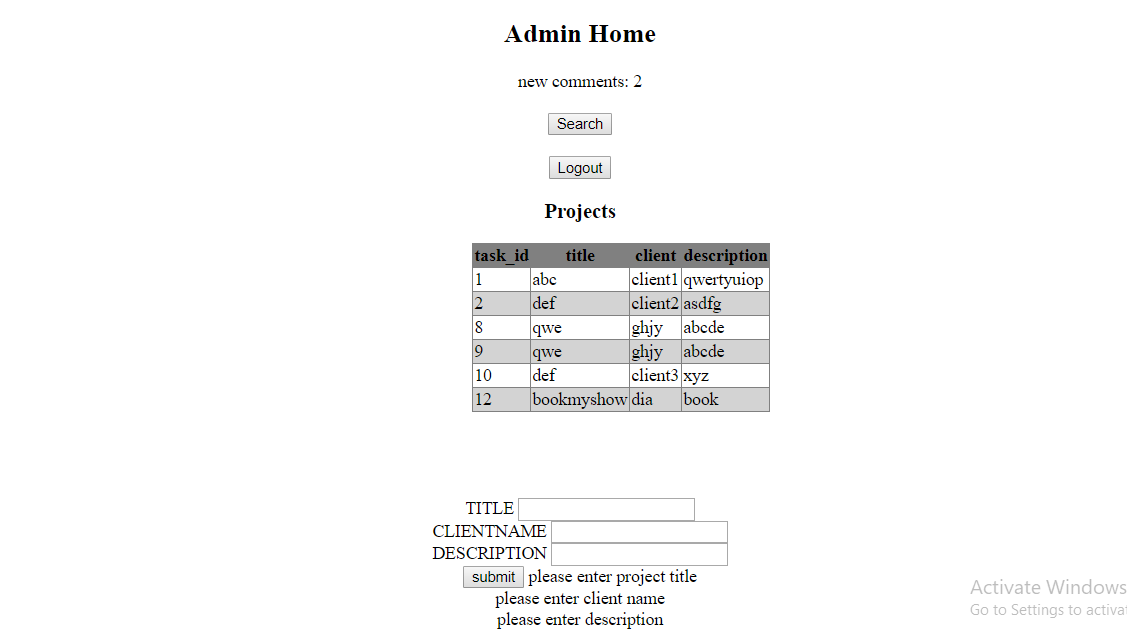
Welcome / login page:



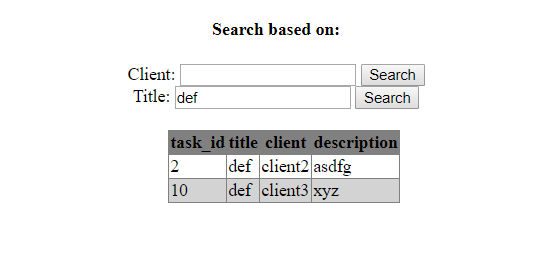
Admin Homepage:



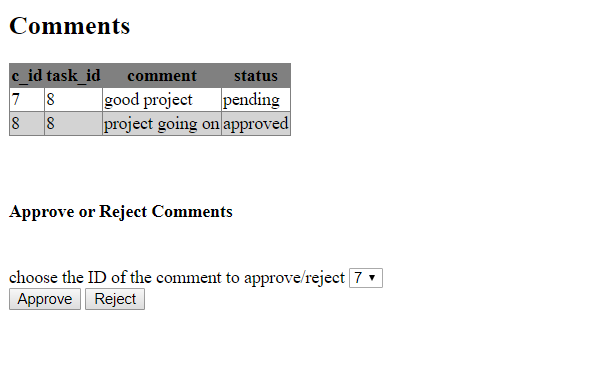
Create a Project:



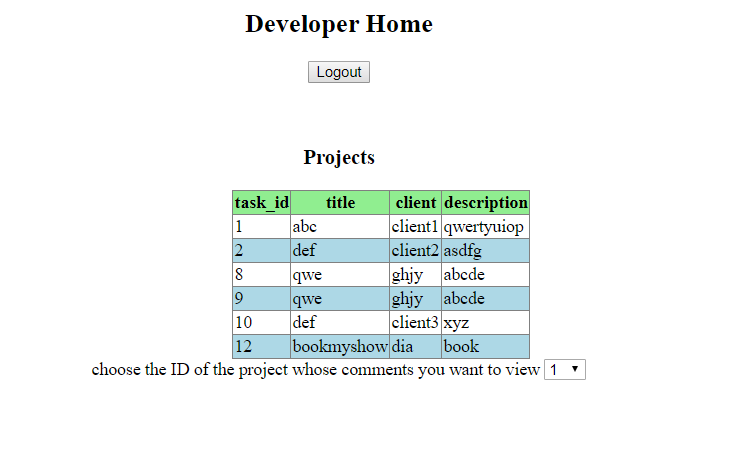
Search based on parameters:



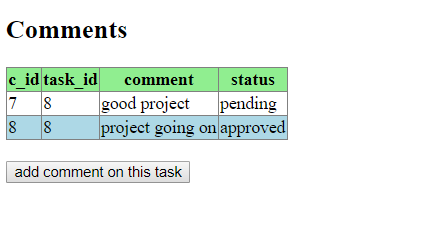
View / Approve / Reject comments as admin:



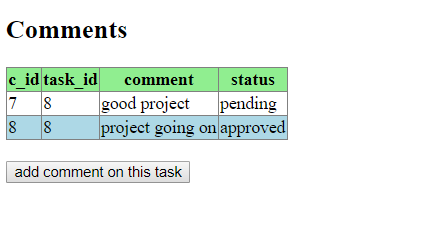
Developer Homepage:



View comments as developer:



Add comments as developer:



Code

**WebForm1.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;

using System.Data.SqlClient;

using System.Web.Configuration;

using System.Drawing;

namespace ITproject

{

public partial class WebForm1 : System.Web.UI.Page

{

HttpCookie cookie = null;

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

{

}

protected void goToAdmin(object sender, EventArgs e)

{

cookie = new HttpCookie("themeCookie");

cookie["theme"] = "gray";

Response.Cookies.Add(cookie);

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from users where username=@username and password=@password", con);

cmd.Parameters.AddWithValue("@username", tb1.Text);

cmd.Parameters.AddWithValue("@password", tb2.Text);

SqlDataReader reader;

Session["usertype"] = null;

try

{

con.Open();

reader = cmd.ExecuteReader();

if(reader.HasRows)

{

Session["usertype"] = "admin";

Response.Redirect("AdminHome.aspx");

}

}

catch { }

finally { con.Close(); }

}

protected void goToDev(object sender, EventArgs e)

{

cookie = new HttpCookie("themeCookie");

cookie["theme"] = "blue";

Response.Cookies.Add(cookie);

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from users where username=@username and password=@password", con);

cmd.Parameters.AddWithValue("@username", tb3.Text);

cmd.Parameters.AddWithValue("@password", tb4.Text);

SqlDataReader reader;

Session["usertype"] = null;

try

{

con.Open();

reader = cmd.ExecuteReader();

if (reader.HasRows)

{

Session["usertype"] = "dev";

Response.Redirect("DevHome.aspx");

}

}

catch { }

finally { con.Close(); }

}

}

}

**DevHome.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;

using System.Data.SqlClient;

using System.Web.Configuration;

namespace ITproject

{

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

{

DataSet ds = new DataSet();

protected void display()

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from tasks", con);

SqlDataAdapter adapter = new SqlDataAdapter(cmd);

try

{

con.Open();

adapter.Fill(ds, "tasks");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

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

{

HttpCookie cookie = Request.Cookies["themeCookie"];

if (cookie != null)

Page.Theme = cookie["theme"];

}

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

{

Session["usertype"] = "dev";

display();

}

protected void viewComment(object sender, EventArgs e)

{

string url = "DevComment.aspx?taskid=" + list1.SelectedItem.Text;

Response.Redirect(url);

}

protected void logout(object sender, EventArgs e)

{

Session["usertype"] = null;

Response.Redirect("WebForm1.aspx");

}

}

}

**DevComment.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;

using System.Data.SqlClient;

using System.Web.Configuration;

namespace ITproject

{

public partial class DevComment1 : System.Web.UI.Page

{

DataSet ds = new DataSet();

string querystr;

protected void display()

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

string query = "select \* from comments where task\_id=@task\_id";

SqlCommand cmd = new SqlCommand(query, con);

cmd.Parameters.AddWithValue("@task\_id", querystr);

SqlDataAdapter adapter = new SqlDataAdapter(cmd);

try

{

con.Open();

adapter.Fill(ds, "comments");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

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

{

HttpCookie cookie = Request.Cookies["themeCookie"];

if (cookie != null)

Page.Theme = cookie["theme"];

}

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

{

querystr = Request.QueryString["taskid"];

display();

}

protected void addComment(object sender, EventArgs e)

{

label1.Visible = true;

tb1.Visible = true;

btn2.Visible = true;

btn1.Visible = false;

}

protected void comment(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

string query = "insert into comments(task\_id,comment,status) values(@task\_id,@comment,@status)";

SqlCommand cmd = new SqlCommand(query, con);

cmd.Parameters.AddWithValue("@task\_id", querystr);

cmd.Parameters.AddWithValue("@comment", tb1.Text);

cmd.Parameters.AddWithValue("@status", "pending");

try { con.Open();

cmd.ExecuteNonQuery(); }

catch { }

finally { con.Close(); }

label1.Visible = false;

tb1.Visible = false;

btn2.Visible = false;

btn1.Visible = true;

display();

}

}

}

**AdminHome.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;

using System.Data.SqlClient;

using System.Web.Configuration;

namespace ITproject

{

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

{

DataSet ds = new DataSet();

int count = 0;

protected void display()

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from tasks", con);

SqlDataAdapter adapter=new SqlDataAdapter(cmd);

//grid1.DataSource = null;

//grid1.DataBind();

try

{

con.Open();

adapter.Fill(ds, "tasks");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

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

{

HttpCookie cookie = Request.Cookies["themeCookie"];

if (cookie != null)

Page.Theme = cookie["theme"];

}

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

{

Label1.Visible = false;

TextBox1.Visible = false;

Label2.Visible = false;

TextBox2.Visible = false;

Label3.Visible = false;

TextBox3.Visible = false;

Button1.Visible = false;

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from comments where status='pending'", con);

SqlDataReader reader;

try

{

con.Open();

reader = cmd.ExecuteReader();

while (reader.Read())

count++;

//list1.Items.Add(reader["task\_id"].ToString());

}

catch { }

finally

{

con.Close();

}

Session["usertype"] = "admin";

Session["comments"] = count.ToString();

label5.Text = "new comments: " + count.ToString();

display();

}

protected void create\_Project(object sender, EventArgs e)

{

btn\_1.Visible = false;

list1.Visible = false;

label4.Visible = false;

Label1.Visible = true;

TextBox1.Visible = true;

Label2.Visible = true;

TextBox2.Visible = true;

Label3.Visible = true;

TextBox3.Visible = true;

Button1.Visible = true;

}

protected void submit\_Project(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("insert into tasks(title,client,description) values(@title,@client,@description)", con);

cmd.Parameters.AddWithValue("@title", TextBox1.Text);

cmd.Parameters.AddWithValue("@client", TextBox2.Text);

cmd.Parameters.AddWithValue("@description", TextBox3.Text);

try { con.Open();

cmd.ExecuteNonQuery(); }

catch { }

finally { con.Close(); }

btn\_1.Visible = true;

list1.Visible = true;

label4.Visible = true;

Label1.Visible = false;

TextBox1.Visible = false;

Label2.Visible = false;

TextBox2.Visible = false;

Label3.Visible = false;

TextBox3.Visible = false;

Button1.Visible = false;

//grid1.Columns.Clear();

//grid1.DataBind();

display();

}

protected void viewComment(object sender, EventArgs e)

{

string url = "AdminComment.aspx?taskid=" + list1.SelectedItem.Text;

Response.Redirect(url);

}

protected void search(object sender, EventArgs e)

{

Response.Redirect("searchParam.aspx");

}

protected void logout(object sender, EventArgs e)

{

Session["usertype"] = null;

Response.Redirect("WebForm1.aspx");

}

}

}

**AdminComment.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;

using System.Data.SqlClient;

using System.Web.Configuration;

namespace ITproject

{

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

{

DataSet ds = new DataSet();

string querystr;

protected void display()

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from comments where task\_id=@task\_id", con);

cmd.Parameters.AddWithValue("@task\_id", querystr);

SqlDataAdapter adapter = new SqlDataAdapter(cmd);

//grid1.DataSource = null;

//grid1.DataBind();

try

{

con.Open();

adapter.Fill(ds, "comments");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

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

{

HttpCookie cookie = Request.Cookies["themeCookie"];

if (cookie != null)

Page.Theme = cookie["theme"];

}

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

{

querystr = Request.QueryString["taskid"];

//int i;

//int.TryParse(s, out i);

display();

}

protected void approve(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("update comments set status='approved' where c\_id=@c\_id", con);

cmd.Parameters.AddWithValue("@c\_id", list1.SelectedItem.Text);

try

{

con.Open();

cmd.ExecuteNonQuery();

}

catch { }

finally { con.Close(); }

display();

}

protected void reject(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("delete from comments where c\_id=@c\_id", con);

cmd.Parameters.AddWithValue("@c\_id", list1.SelectedItem.Text);

try

{

con.Open();

cmd.ExecuteNonQuery();

}

catch { }

finally { con.Close(); }

display();

}

}

}

**SearchParam.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;

using System.Data.SqlClient;

using System.Web.Configuration;

namespace ITproject

{

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

{

DataSet ds=new DataSet();

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

{

HttpCookie cookie = Request.Cookies["themeCookie"];

if (cookie != null)

Page.Theme = cookie["theme"];

}

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

{

}

protected void searchClient(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from tasks where client=@client", con);

cmd.Parameters.AddWithValue("@client", tb1.Text);

SqlDataAdapter adapter = new SqlDataAdapter(cmd);

try

{

con.Open();

adapter.Fill(ds, "tasks");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

protected void searchTitle(object sender, EventArgs e)

{

string s = WebConfigurationManager.ConnectionStrings["str"].ConnectionString;

SqlConnection con = new SqlConnection(s);

SqlCommand cmd = new SqlCommand("select \* from tasks where title=@title", con);

cmd.Parameters.AddWithValue("@title", tb2.Text);

SqlDataAdapter adapter = new SqlDataAdapter(cmd);

try

{

con.Open();

adapter.Fill(ds, "tasks");

grid1.DataSource = ds;

grid1.DataBind();

ds.Clear();

}

catch { }

finally

{

con.Close();

}

}

}

}

Conclusion

Developed as an application software, this Project Management System Project in ASP.NET provides an online platform to manage projects in companies. In conclusion the project manager is the admin and only he can approve or reject comments. Therefore only a single person handles the data.

The web-based assignment works will increase the productivity of both the company as well as the employees proving the system to be time saving and economical in the long run.