{ string s1; string s2; protected void Page\_Load(object sender, EventArgs e) { } protected void btnLogin\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "" && txtPass.Text != "") This is the admin login page to login the administrator. if user\_name and password are matched from the Ladmin table , login successfully otherwise login unsuccessful.

{ using (SqlCommand command = new SqlCommand("SELECT user\_name,pass FROM admin where user\_name='" + txtuser.Text + "'", conn)) using (SqlDataReader reader = command.ExecuteReader()) { while (reader.Read()) { s1 = reader.GetValue(0).ToString().Trim(); s2 = reader.GetValue(1).ToString().Trim(); } if (s1 == txtuser.Text && s2 == txtPass.Text) { Response.Write("<script language='javascript'>alert('Login Successfully!');document.location='" + ResolveClientUrl("~/executive.aspx") + "';</script>"); Response.Redirect("~/Admin.aspx"); } else { Response.Write(@"<script language='javascript'>alert('User Name and Password are not matched!');</script>"); } } } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } }

Login Screen for Customer C\_login Table 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; public partial class customer : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnReset\_Click(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); SqlCommand cmd1 = new SqlCommand(" insert into C\_login values('" + txtuser.Text + "','" + txtPass.Text + "')", conn); cmd1.ExecuteNonQuery(); Response.Write(@"<script language='javascript'>alert('You have registered successfully!');</script>"); txtuser.Text = ""; txtPass.Text = ""; txtCpass.Text = ""; conn.Close(); } } This is customer login screen . if customer enters the correct user name and password which provides at the time of registration which is available in C\_login database table , login successfully otherwise login unsuccessful.

E\_login Table 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; public partial class executive : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); SqlCommand cmd1 = new SqlCommand(" insert into E\_login values('" + txtuser.Text + "','" + txtPass.Text + "')", conn); cmd1.ExecuteNonQuery(); Response.Write(@"<script language='javascript'>alert('You have registered successfully!');</script>"); txtuser.Text = ""; txtPass.Text = ""; txtCpass.Text = ""; conn.Close(); } } This is Executive login screen . if executive enters the correct user name and password which provides at the time of registration which is available in E\_login database table , login successfully otherwise login unsuccessful.

Home table 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; public partial class home : System.Web.UI.Page { string s1; // s1 is the string to store the user name....................... string s2; // s2 is the string to store the password........................ protected void Page\_Load(object sender, EventArgs e)// this is the page load event.......... { This is the homepage of our system. it provides the facilities to login for customers , check availability of room .

lblnpass.Text = ""; txtnpass.Visible = false; lblCPass.Text = ""; txtCpass.Visible = false; lblSques.Text = ""; Sques.Visible = false; lblAns.Text = ""; txtAns.Visible = false; btnSubmit.Visible = false; btnClear.Visible = false; } protected void btnFpass\_Click(object sender, EventArgs e)//Click event of the forget password button....... { lblnpass.Text ="New Password\*"; txtnpass.Visible = true ; lblCPass.Text = "Confirm Password\*"; txtCpass.Visible = true; lblSques.Text = "Security question\*"; Sques.Visible = true; lblAns.Text = "Security Answer\*"; txtAns.Visible = true ; btnSubmit.Visible = true ; btnClear.Visible = true; } protected void btnClear\_Click(object sender, EventArgs e) { txtnpass.Text = ""; txtCpass.Text = ""; txtAns.Text = ""; } protected void btnLogin\_Click(object sender, EventArgs e) { // creating an object of the sqlconnection class................................... SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); // Openning the connection............................................ if (txtuser.Text != "" && txtPass.Text != "") { // creating an object of SqlCommand class....................................... using (SqlCommand command = new SqlCommand("SELECT uname,pass FROM C\_login where uname='" + txtuser.Text + "'", conn)) using (SqlDataReader reader = command.ExecuteReader()) { while (reader.Read()) { s1 = reader.GetValue(0).ToString().Trim(); s2 = reader.GetValue(1).ToString().Trim(); } if (s1 == txtuser.Text && s2 == txtPass.Text) { Response.Write("<script language='javascript'>alert('Login Successfully!');document.location='" + ResolveClientUrl("~/feedback.aspx") + "';</script>"); Response.Redirect("~/feedback.aspx"); } else

{ Response.Write(@"<script language='javascript'>alert('User Name and Password are not matched!');</script>"); } } } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } protected void btnNew\_Click(object sender, EventArgs e) { Response.Redirect("customer.aspx"); } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand("update C\_login set pass='" + txtnpass .Text + "' where uname ='" + txtuser.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('Password Changed successfully!');</script>"); txtnpass.Text = ""; txtCpass.Text = ""; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnCheck\_Click(object sender, EventArgs e) { Response.Redirect("booking.aspx"); } }

cust Table 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; public partial class customer : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnReset\_Click(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtfName.Text != "" && txtlName.Text != "" && txtAdd.Text != This is the customer registration screen to register the new customer. when customer fill the mandatory fields and click on the submit button , the customer information is stored in the cust database table.

"" && txtMob.Text != "" && txtTel.Text != "" && txtIno.Text != "" && txtuser.Text != "" && txtPass.Text != "" && txtCpass.Text != "" && txtAns.Text != "") { SqlCommand cmd = new SqlCommand(" insert into cust values('" + txtfName.Text + "','" + txtlName.Text + "', '" + datepicker .Text+ "', '" + gender.SelectedItem + "', '" + txtAdd.Text + "','" + txtMob.Text + "','" + txtTel.Text + "','" + Itype.SelectedItem + "','" + txtIno.Text + "','" + txtuser.Text + "','" + txtPass.Text + "','" + txtCpass.Text + "','" + Sques.SelectedItem + "','" + txtAns.Text + "')", conn); cmd.ExecuteNonQuery(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } }

executive Table 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; public partial class executive : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtfName .Text!= "" && txtlName .Text != ""&& txtAdd .Text !="" && txtMob .Text !="" && txtTel .Text !="" && txtIno.Text !="" && txtuser .Text !="" && txtPass .Text !="" && txtCpass.Text !="" && txtAns .Text !="") This is the Executive registration screen to register the new customer. when admin fill the mandatory fields and click on the submit button , the Executive information is stored in the executive database table.

{ SqlCommand cmd = new SqlCommand(" insert into executive values('" + txtfName.Text + "','" + txtlName.Text + "', '" + datepicker.Text + "', '" + gender.SelectedItem + "', '" + txtAdd.Text + "','" + txtMob.Text + "','" + txtTel.Text + "','" + Itype.SelectedItem + "','" + txtIno.Text + "','" + txtuser.Text + "','" + txtPass.Text + "','" + txtCpass.Text + "','" + Sques.SelectedItem + "','" + txtAns.Text + "')", conn); cmd.ExecuteNonQuery(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } } booking Table 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; public partial class booking : System.Web.UI.Page This is the booking screen . this screen is comeup when customer has completed the check availability and also click on the reservation menu which is given in the menubar

{ protected void Page\_Load(object sender, EventArgs e) { } protected void btnPayment\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtfName.Text != "" && txtid .Text !="" && datepicker1 .Text !="" && datepicker2 .Text !="") { SqlCommand cmd = new SqlCommand(" insert into booking values('" + txtfName.Text + "','" + DropDownList3 .SelectedItem + "', '" + DropDownList1 .SelectedItem + "', '"+DropDownList2 .SelectedItem +"', '"+datepicker1.Text+"','"+datepicker2 .Text+"','"+txtid.Text+"')", conn); cmd.ExecuteNonQuery(); Response.Redirect("make\_payment.aspx"); //Response.Write(@"<script language='javascript'>alert('You have booked the room successfully!');</script>"); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } } make\_payment using System; using System.Collections.Generic; using System.Linq; using System.Web; using System.Web.UI; using System.Web.UI.WebControls; This is the payment mode screen. In the above screen when customer will have click on the make payment button , this screen is come up.

1. [42.](https://image.slidesharecdn.com/ppsp-140408052314-phpapp01/95/online-hotel-room-booking-system-42-638.jpg?cb=1396934700)Principles & Practices of Software Production Group Assignment Page 42 of 65 LEVEL 2 ASIA PACIFIC INSTITUTE OF INFORMATION TECHNOLOGY 2013 using System.Data; using System.Data.SqlClient; public partial class make\_payment : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { if (txtcno.Text != "" && txtname.Text != "" && txtcvv.Text != "") { Response.Write(@"<script language='javascript'>alert('You have booked the room successfully!');</script>"); Response.Redirect("book\_report.aspx"); } } } m\_room Table 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; This is the room monitoring screen. when click on the room submenu which is given in the monitoring then the executive login screen is come up. when login is successful then that screen will be come up.

using System.Data; public partial class m\_room : System.Web.UI.Page { SqlDataReader dr = null; protected void Page\_Load(object sender, EventArgs e) { btnGo.Visible = false; btnRelease.Visible = false; } protected void btnSearch\_Click(object sender, EventArgs e) { if (txtNo.Text != "") { lblHno.Text = ""; btnGo.Visible = true; btnRelease.Visible = true; btnSearch.Visible = false; btnUpdate.Enabled = false; btnDelete.Enabled = false; btnCancel.Enabled = false; ddlType.Enabled = false; ddlOccu.Enabled = false; txtRate.Enabled = false; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnRelease\_Click(object sender, EventArgs e) { btnGo.Visible =false; btnRelease.Visible =false; btnSearch.Visible =true ; btnUpdate.Enabled = true ; btnDelete.Enabled = true ; btnCancel.Enabled = true ; ddlType.Enabled = true ; ddlOccu.Enabled = true ; txtRate.Enabled = true; } protected void btnGo\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtNo.Text != "") { SqlCommand cmd = new SqlCommand(" select \* from room where rno='" + txtNo.Text + "'", conn); //cmd.ExecuteNonQuery(); dr = cmd.ExecuteReader(); object[] obj = new object[4]; while (dr.Read()) { dr.GetValues(obj); txtNo.Text = obj[0].ToString(); //ddlType.SelectedItem = obj[1].GetString(); txtRate.Text = obj[3].ToString(); }

Response.Write(@"<script language='javascript'>alert('Room Search successfully!');</script>"); //txtNo.Text = ""; //txtRate.Text = ""; btnGo.Visible = false; btnRelease.Visible = false; btnSearch.Visible = true; btnUpdate.Enabled = true; btnDelete.Enabled = true; btnCancel.Enabled = true; ddlType.Enabled = true; ddlOccu.Enabled = true; txtRate.Enabled = true; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } protected void btnUpdate\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtNo.Text != "") { SqlCommand cmd = new SqlCommand("update room set rtype='" + ddlType.SelectedItem + "',occu='" + ddlOccu.SelectedItem + "',rate='" + txtRate.Text + "' where rno ='" + txtNo.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('Room updated successfully!');</script>"); txtNo.Text = ""; txtRate.Text = ""; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnDelete\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtNo.Text != "") { SqlCommand cmd = new SqlCommand("delete from room where rno ='" + txtNo.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('Room deleted successfully!');</script>"); txtNo.Text = ""; txtRate.Text = ""; } else {

Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void txtNo\_TextChanged(object sender, EventArgs e) { } } m\_cust table using System; using System.Collections.Generic; using System.Linq; This is the customer monitoring screen. when click on the customer submenu which is given in the monitoring then the executive login screen is come up. when login is successful then that screen will be come up.

using System.Web; using System.Web.UI; using System.Web.UI.WebControls; using System.Data; using System.Data.SqlClient; public partial class m\_cust : System.Web.UI.Page { SqlDataReader dr = null; protected void Page\_Load(object sender, EventArgs e) { btnGo.Visible = false; btnRelease.Visible = false; btnSearch.Visible = true; btnUpdate.Enabled = true; btnDelete.Enabled = true; btnCancel.Enabled = true; txt\_false(); } protected void btnSearch\_Click(object sender, EventArgs e) { if (txtuser.Text != "") { btnGo.Visible = true; btnRelease.Visible = true; btnSearch.Visible = false; btnUpdate.Enabled = false; btnDelete.Enabled = false; btnCancel.Enabled = false; txt\_false(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnGo\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand(" select \* from cust where uname='" + txtuser.Text + "'", conn); //cmd.ExecuteNonQuery(); dr = cmd.ExecuteReader(); object[] obj = new object[14]; while (dr.Read()) { dr.GetValues(obj); txtfName .Text = obj[0].ToString(); txtlName.Text = obj[1].ToString(); datepicker.Text = obj[2].ToString(); txtAdd.Text = obj[4].ToString(); txtMob.Text = obj[5].ToString(); txtTel.Text = obj[6].ToString(); txtIno.Text = obj[8].ToString(); txtuser.Text = obj[9].ToString(); txtPass.Text = obj[10].ToString(); txtCpass.Text = obj[11].ToString(); txtAns.Text = obj[13].ToString();

} Response.Write(@"<script language='javascript'>alert('Customer record Search successfully!');</script>"); btnGo.Visible = false; btnRelease.Visible = true; btnSearch.Enabled = false; btnUpdate.Enabled = false; btnDelete.Enabled = false; btnCancel.Enabled = false; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } protected void btnRelease\_Click(object sender, EventArgs e) { txt\_true(); btnSearch.Enabled = false; btnUpdate.Enabled = true; btnDelete.Enabled = true; btnCancel.Enabled = true; } protected void btnUpdate\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand("update cust set fname='" + txtfName.Text + "',lname='" + txtlName .Text + "',dob='" + datepicker .Text + "', gender='"+gender .SelectedItem+"',address='"+txtAdd.Text +"',mob='"+txtMob.Text +"',tel='"+txtTel.Text+"', itype='"+Itype .SelectedItem+"',ino='"+txtIno.Text +"', pass='"+txtPass.Text+"', cpass='"+txtCpass.Text+"',sq='"+Sques .SelectedItem+"',sa='"+txtAns.Text+"'where uname ='" + txtuser.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('Customer record updated successfully!');</script>"); txtuser.Text = ""; btnSearch.Enabled = true; txt\_clear(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnDelete\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand("delete from cust where uname ='" + txtuser.Text + "'", conn); cmd.ExecuteNonQuery();

conn.Close(); Response.Write(@"<script language='javascript'>alert('customer record deleted successfully!');</script>"); txtuser.Text = ""; btnSearch.Enabled = true; txt\_clear(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } public void txt\_clear() { txtfName.Text = "" ; txtlName.Text = ""; datepicker.Text = ""; txtAdd.Text = ""; txtMob.Text = ""; txtTel.Text = ""; txtIno.Text = ""; txtuser.Text = ""; txtPass.Text = ""; txtCpass.Text = ""; txtAns.Text = ""; } public void txt\_true() { txtfName.Enabled = true; txtlName.Enabled = true; datepicker.Enabled = true; gender.Enabled = true; txtAdd.Enabled = true; txtMob.Enabled = true; txtTel.Enabled = true; Itype.Enabled = true; txtIno.Enabled = true; txtPass.Enabled = true; txtCpass.Enabled = true; Sques.Enabled = true; txtAns.Enabled = true; } public void txt\_false() { txtfName.Enabled = false; txtlName.Enabled = false; datepicker.Enabled = false; gender.Enabled = false; txtAdd.Enabled = false; txtMob.Enabled = false; txtTel.Enabled = false; Itype.Enabled = false; txtIno.Enabled = false; txtPass.Enabled = false; txtCpass.Enabled = false; Sques.Enabled = false; txtAns.Enabled = false; } }

m\_executive Table 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; public partial class m\_executive : System.Web.UI.Page { SqlDataReader dr = null; protected void Page\_Load(object sender, EventArgs e) { btnGo.Visible = false; btnRelease.Visible = false; btnSearch.Visible = true; btnUpdate.Enabled = true; btnDelete.Enabled = true; btnCancel.Enabled = true; This is the executive monitoring screen. when click on the executive submenu which is given in the monitoring then the admin login screen is come up. when login is successful then that screen will be come up.

txt\_false(); } protected void btnSearch\_Click(object sender, EventArgs e) { if (txtuser.Text != "") { btnGo.Visible = true; btnRelease.Visible = true; btnSearch.Visible = false; btnUpdate.Enabled = false; btnDelete.Enabled = false; btnCancel.Enabled = false; txt\_false(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnGo\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "" ) { SqlCommand cmd = new SqlCommand(" select \* from executive where uname='" + txtuser.Text + "'", conn); //cmd.ExecuteNonQuery(); dr = cmd.ExecuteReader(); object[] obj = new object[14]; while (dr.Read()) { dr.GetValues(obj); txtfName.Text = obj[0].ToString(); txtlName.Text = obj[1].ToString(); datepicker.Text = obj[2].ToString(); txtAdd.Text = obj[4].ToString(); txtMob.Text = obj[5].ToString(); txtTel.Text = obj[6].ToString(); txtIno.Text = obj[8].ToString(); txtuser.Text = obj[9].ToString(); txtPass.Text = obj[10].ToString(); txtCpass.Text = obj[11].ToString(); txtAns.Text = obj[13].ToString(); } Response.Write(@"<script language='javascript'>alert('Executive record Search successfully!');</script>"); btnGo.Visible = false; btnRelease.Visible = true; btnSearch.Enabled = false; btnUpdate.Enabled = false; btnDelete.Enabled = false; btnCancel.Enabled = false; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); }

conn.Close(); } protected void btnRelease\_Click(object sender, EventArgs e) { txt\_true(); btnSearch.Enabled = false; btnUpdate.Enabled = true; btnDelete.Enabled = true; btnCancel.Enabled = true; } protected void btnUpdate\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand("update executive set fn='" + txtfName.Text + "',ln='" + txtlName.Text + "',dob='" + datepicker.Text + "', gender='" + gender.SelectedItem + "',address='" + txtAdd.Text + "',mob='" + txtMob.Text + "',tel='" + txtTel.Text + "', itype='" + Itype.SelectedItem + "',ino='" + txtIno.Text + "', pass='" + txtPass.Text + "', cpass='" + txtCpass.Text + "',sq='" + Sques.SelectedItem + "',sa='" + txtAns.Text + "'where uname ='" + txtuser.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('Executive record updated successfully!');</script>"); txtuser.Text = ""; btnSearch.Enabled = true; txt\_clear(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } protected void btnDelete\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtuser.Text != "") { SqlCommand cmd = new SqlCommand("delete from executive where uname ='" + txtuser.Text + "'", conn); cmd.ExecuteNonQuery(); conn.Close(); Response.Write(@"<script language='javascript'>alert('customer record deleted successfully!');</script>"); txtuser.Text = ""; btnSearch.Enabled = true; txt\_clear(); } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } } public void txt\_clear() {

txtfName.Text = ""; txtlName.Text = ""; datepicker.Text = ""; txtAdd.Text = ""; txtMob.Text = ""; txtTel.Text = ""; txtIno.Text = ""; txtuser.Text = ""; txtPass.Text = ""; txtCpass.Text = ""; txtAns.Text = ""; } public void txt\_true() { txtfName.Enabled = true; txtlName.Enabled = true; datepicker.Enabled = true; gender.Enabled = true; txtAdd.Enabled = true; txtMob.Enabled = true; txtTel.Enabled = true; Itype.Enabled = true; txtIno.Enabled = true; txtPass.Enabled = true; txtCpass.Enabled = true; Sques.Enabled = true; txtAns.Enabled = true; } public void txt\_false() { txtfName.Enabled = false; txtlName.Enabled = false; datepicker.Enabled = false; gender.Enabled = false; txtAdd.Enabled = false; txtMob.Enabled = false; txtTel.Enabled = false; Itype.Enabled = false; txtIno.Enabled = false; txtPass.Enabled = false; txtCpass.Enabled = false; Sques.Enabled = false; txtAns.Enabled = false; } protected void btnCancel\_Click(object sender, EventArgs e) { Response.Redirect("home.aspx"); } }

new\_room Table 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 room : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { } protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); This is the room registration screen. when click on the add new room submenu which is given in the records menu then the admin login screen is come up. when login is successful then that screen will be come up.

if (txtNo.Text != ""&& txtRate.Text != "") { SqlCommand cmd = new SqlCommand(" insert into room values('" + txtNo.Text + "', '" + ddlType.SelectedItem + "', '" + ddlOccu.SelectedItem + "', '" + txtRate.Text + "')", conn); cmd.ExecuteNonQuery(); Response.Write(@"<script language='javascript'>alert('Room added successfully!');</script>"); txtNo.Text = ""; txtRate.Text = ""; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } } cust\_list Table This is the customer list report screen. when click on the customer list report submenu which is given in the records menu then the executive login screen is come up. when login is successful then that screen will be come up.

</asp:GridView> <asp:SqlDataSource ID="c\_report" runat="server" ConnectionString="<%$ ConnectionStrings:systemConnectionString %>" SelectCommand="SELECT \* FROM [cust]"></asp:SqlDataSource> </div> <div style="float:left;"> <center ><h2> Report of the Executive</h2></center> <asp:GridView ID="GridView2" runat="server" AutoGenerateColumns="False" DataKeyNames="uname" DataSourceID="SqlDataSource2"> room\_report Table <div> <center ><h2> Report of the Rooms</h2></center> <center> <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" DataKeyNames="rno" DataSourceID="SqlDataSource1"> <Columns> <asp:BoundField DataField="rno" HeaderText="rno" ReadOnly="True" SortExpression="rno" /> <asp:BoundField DataField="rtype" HeaderText="rtype" SortExpression="rtype" /> <asp:BoundField DataField="occu" HeaderText="occu" SortExpression="occu" /> <asp:BoundField DataField="rate" HeaderText="rate" SortExpression="rate" /> </Columns> </asp:GridView> This is the room history report screen. when click on the room history report submenu which is given in the records menu then the admin login screen is come up. when login is successful then that screen will be come up.

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$ ConnectionStrings:systemConnectionString %>" SelectCommand="SELECT \* FROM [room]"></asp:SqlDataSource> </center> </div> feedback Table 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; public partial class feedback : System.Web.UI.Page { protected void Page\_Load(object sender, EventArgs e) { This is the feedback screen . this screen is come up when customer is clicked on the feedback menu and then logged in.

} protected void btnSubmit\_Click(object sender, EventArgs e) { SqlConnection conn = new SqlConnection(connect.connection()); conn.Open(); if (txtName.Text != "" && txtEmail.Text != "") { SqlCommand cmd = new SqlCommand(" insert into feed values('" + txtName.Text + "', '" + txtEmail.Text + "', '" + txtQuery.Text + "')", conn); cmd.ExecuteNonQuery(); Response.Write(@"<script language='javascript'>alert('feedback successfully!');</script>"); txtName.Text = ""; txtEmail.Text = ""; txtQuery.Text = ""; } else { Response.Write(@"<script language='javascript'>alert('Please enter the correct information!');</script>"); } conn.Close(); } }

This is the contact us screen . this screen is come up when clicking on the contact us menu which is given in the menu bar

Programming Environment In computer program and software product development, the development environment is the set of processes and programming tools used to create the program or software product. The term may sometimes also imply the physical environment. FRONT END ASP .NET (C#) is an object-oriented computer programming language that can be viewed as an evolution of the classic ASP, which is implemented on the .NET Framework.

REASONS FOR SELECTING MICROSOFT VISUAL STUDIO 2008

♣ All of .NET is truly revolutionary and gives programmers a much more capable, efficient and flexible way to write computer software. ASP .NET is a key part of this revolution.

♣ At the same time, ASP .NET is clearly more difficult to learn and use. The vastly improved capability does come at a fairly high cost of technical complexity. Microsoft helps to make up for this increased technical difficulty by providing even more software tools in .NET to help programmers. Most programmers agree that ASP.NET is such a huge leap forward that it's worth it.

♣ It is an object oriented programming language. It contains a systematic collection of classes and objects.

DEVELOPMENT TOOL - Microsoft Visual Studio 2008 REASONS FOR SELECTING MICROSOFT VISUAL STUDIO 2008

• It has an inbuilt IDE which helps the developer while developing the code. ASP.NET simplifies debugging with support for Runtime diagnostics.

• An event driven programming which enables an easy restructuring of program as requirement changes and thus provided flexibility. ASP.NET can also handle the details of maintaining the state of the controls, such as contents in a textbox, between calls to the same ASP.NET form.

• The platform provides easy debugging of errors. So, the probability of errors occurrence is automatically reduced. BACK-END The term back-end database is most widely used among developers using small database programming systems which can contain the end-user application programming within the database as a single item. SQL database is the back-end for the system.

DEVELOPMENT TOOL –

SQL Server 2008 REASONS FOR SELECTING SQL SERVER 2008 AS BACK END

• Create multiple reports with different views of the same information

• Create tables quickly without worrying about database complexity

• Enables Information workers to access data across multiple heterogeneous system

• Provides a wide range of connection options, including connectivity to 3rd-party products • Enables you to use data feeds as data sources

• Enables portability because data configuration information is stored in the workbook. **DOCUMENTATION TOOLS –**

Microsoft Word 2007: for writing the whole documentation including tables & screen-shots. – Microsoft Project 2007: For making Gantt chart.

– Microsoft Visio 2007: For making Context diagram, DFDs, Entity Life History, ER Diagram 15.0 Testing Testing is to check, verify and evaluate the product that comes up after going through the demanding processes. Since the designed system is having both Online/Offline features so the type of testing that should be implemented for the system are Alpha testing, Beta testing, Unit testing, Integration tests and System testing. Following are the test cases we have designed to check the integrity of the system:

UNIT TESTING

A unit is the smallest testable part of an application. The primary goal of unit testing is to take the smallest piece of testable software in the application, and isolate it from the remainder of the code, and determine whether it behaves exactly as expectations of the developer. Each unit is tested separately before integrating them into modules to test the interfaces between modules.

LOGIN MODULE Test Case Name Login Module Testing Test Case No. HMS –

01 Purpose of Test Check the correctness & Integrity of Login Module. Test Attribute

• By default cursor will be in User Name text field.

• After entering User Name, cursor should switch to password field by using Tab Key or by clicking on the password textbox.

• Sign in option is there to log into the system after fulfilling mandatory details. Test Focus Function Feature Process Interface Validation Verification × × Whether the complete Login module is working properly or not. × Proper validation for User ID, Password and other fields are given or not. At last complete Login module is verified. Test Type Beta Testing Test Process Initiation Starting Condition Input Specification Outputs Expected Assumptions Made User starts the system from the computer. Screen shows login module i.e. admin login form

• User ID, password are entered.

• Submit button clicked.

• Successful Login.

• Failed login due to incorrect field entry.

• Failed login due to fields not filled

• Password has minimum 4 characters. Test Results Criteria Expected Result Actual Result Error Description State User ID As per database entry As per database entry - Error Free State Password As per database entry & both the attribute should match. In some cases both the attributes doesn’t match. Errorless State Action In case of any error, user has option to click on the forgot password and retrieve the password by filling in the mandatory details.

REGISTRATION MODULE Test Case

Name Registration Module Testing Test Case ID HMS-02 Purpose of Test To check the validity & performance of Registration process of a executive done by the admin Test Attribute

• By default cursor will be in First Name

• Then the admin should click on the email id field, the security question and finally the answer field.

• Submit option is there to make the specific student a user of the system after fulfilling mandatory details of the same. Test Focus Function Feature Process Interface Validation Verification Whether admin can register the executive or not × Whether the whole Registration module is working properly or not. × × At last whole Registration module is verified Test Type Beta Testing Test Process Initiation Starting Condition Input Specification Outputs Expected Assumptions Made User starts the system from the computer. Screen shows register executive form.

• Required fields have been filled.

• Register is clicked.

• Successful registration.

• Unsuccessful registration due to incorrect field entry or empty field.

• All fields are mandatory to fill Test Results Criteria Expected Result Actual Result Error Description State All Fields Should be filled properly As per the validation given by admin As per the validation given by admin Errorless state Action In case of non comprehensible error the admin has the option of going back to the previous home screen and start the registration of the executive again.

INTEGRATION TESTING

Integration testing is a logical extension of unit testing. In this testing strategy, different units that have already been tested are combined into a component and the interface between them is tested. Integration testing identifies problems that occur when units are combined. Thus Integration testing is the phase of software testing where individual software modules are combined and tested as a group.

INTEGRATION TESTING FOR LOGIN, REGISTER A EXECUTIVE & ROOM book Testing for library management system Test Strategy Integration Test Testing Modules login, Register, room book, register a executive S. No Condition Tested Expected Result Actual Result Remarks 1 After providing user id and password in login module. Whether user go to next page. After providing all necessary fields for issue and register whether the task is fulfilled. If user enters correct data than he proceeds As per Expected Result Pass 2 Data is transferred properly between the pages Data should transfer from one page to another without any hindrance As per Expected Result Pass

SYSTEM TESTING

The system test will focus on the behavior of the system as a whole. User scenarios will be executed against the system as well as error messages and navigation will be tested. Methodology: Overall it will test the integrity of the system and verify if it meets the specifications in the requirement specifications. Testing for library management system Test Strategy System Test Testing Modules Complete system testing includes login, Register, room book, payment accounts, customer accounts etc. S.No Condition Tested Expected Result Actual Result Remarks 1 Getting the reports of executive accounts, room book accounts, customer accounts, payment account If user enters correct data than he proceeds As per Expected Result Pass 2 Data is transferred properly between the pages Data should transfer from one page to another without any hindrance As per Expected Result Pass 3 admin is able to view any report whenever he wants to get If user enters correct data than he proceeds As per Expected Result Pass

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