**Generate Payroll**

public partial class frmPayrollGenerate : Form

{

SqlCommand cmd;

SqlDataReader read;

frmLogin login = new frmLogin();

SqlConnection cnn;

SqlDataAdapter dap;

ListViewItem lv;

string sql = "";

double rate = 0;

double dailyrate = 0;

double hourlyrate = 0;

double grosspay = 0;

double deduct = 0;

double pagibig = 100;

double netpay = 0;

double ss = 0;

double philhealth = 0;

double taxes = 0;

public frmPayrollGenerate()

{

InitializeComponent();

cnn = new SqlConnection(login.connection);

cnn.Open();

}

private void btnGenerate\_Click(object sender, EventArgs e)

{

try

{

sql = "DELETE FROM tb\_BatchProcess\_pday";

cmd = new SqlCommand(sql, cnn);

cmd.ExecuteNonQuery();

cmd.Dispose();

{//Admin

for (int a = 0; a < lvAdminInfo.Items.Count; a++)

{

sql = "SELECT \* FROM tb\_Employee WHERE EmployeeID like'" + lvAdminInfo.Items[a].SubItems[0].Text + "'";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

if (read.Read())

{

double rateee = Convert.ToDouble(read.GetValue(14).ToString());

double semi = rateee / 2;

dailyrate = (rateee \* 12) / 313;

dailyrate = (rateee \* 12) / 313;

hourlyrate = dailyrate / 8;

double tardiness = hourlyrate / 60;

double deductiontotallate = tardiness \* (Convert.ToDouble(lvAdminInfo.Items[a].SubItems[2].Text)\*60);

grosspay = dailyrate \* Convert.ToDouble(lvAdminInfo.Items[a].SubItems[3].Text);

deduct = Convert.ToDouble(lvAdminInfo.Items[a].SubItems[2].Text);

read.Close();

sql = "SELECT \* FROM tb\_SSS ";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

while (read.Read())

{

if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) >= rateee)

{

ss = Convert.ToDouble(read.GetValue(4).ToString());

}

else if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) <= rateee)

{

ss = Convert.ToDouble(read.GetValue(4).ToString());

}

}

read.Close();//philhealth

sql = "SELECT \* FROM tb\_PhilHealth";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

while (read.Read())

{

if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) >= rateee)

{

philhealth = Convert.ToDouble(read.GetValue(6).ToString());

}

else if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) <= rateee)

{

philhealth = Convert.ToDouble(read.GetValue(6).ToString());

}

}

if (semi <= 10416)

{

taxes = 0;

}

else if (semi >= 10417 && semi <= 16666)

{

taxes = (semi-10417) \* .20;

}

else if (semi >= 16667 && semi <= 33332)

{

taxes = (((semi - 16667) + 1250) \* .25);

}

else if (semi >= 33333 && semi <= 83331)

{

taxes = (((semi - 33333) + 5416.67) \* .30);

}

else if (semi >= 83332 && semi <= 333332)

{

taxes = (((semi - 83332) + 20416.67) \* .32);

}

else if (semi >= 333333)

{

taxes = (((semi - 333333) + 100416.67) \* .32);

}

double deductionsTotal = (ss + philhealth + taxes + pagibig + deductiontotallate);

deductionsTotal = Math.Round((double)deductionsTotal, 2);

grosspay = Math.Round((double)grosspay, 2);

netpay = grosspay - deductionsTotal;

netpay = Math.Round((double)netpay, 2);

lv = new ListViewItem(lvAdminInfo.Items[a].SubItems[0].Text);

lv.SubItems.Add(lvAdminInfo.Items[a].SubItems[1].Text);

lv.SubItems.Add(lvAdminInfo.Items[a].SubItems[3].Text);

lv.SubItems.Add(grosspay.ToString());

lv.SubItems.Add(deductionsTotal.ToString());

lv.SubItems.Add(ss.ToString());

lv.SubItems.Add(philhealth.ToString());

lv.SubItems.Add(taxes.ToString());

lv.SubItems.Add(pagibig.ToString());

lv.SubItems.Add(netpay.ToString());

lv.SubItems.Add(deductiontotallate.ToString("##.##"));

lvadmin.Items.Add(lv);

}

read.Close();

}

DateTime dt = DateTime.Now;

string ssss = "";

if (DateTime.Now.Day >= 1 && DateTime.Now.Day <= 15)

{

ssss = dt.Month + "/20/" + dt.Year;

}

else

{

ssss = dt.Month + "/05/" + dt.Year;

}

foreach (ListViewItem j in lvadmin.Items)

{

sql = "SELECT \* FROM tb\_BatchProcess\_pday WHERE EmployeeID like'" + j.SubItems[0].Text + "' AND batchdate like'" + ssss + "'";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

if (read.Read())

{

read.Close();

sql = "UPDATE tb\_BatchProcess\_pday SET workingdaysTotal=" + j.SubItems[1].Text + ", grosspay=" + j.SubItems[2].Text + ", deduction=" + j.SubItems[3].Text + ",sss=" + j.SubItems[4].Text + ", philhealth=" + j.SubItems[5].Text + ", tax=" + j.SubItems[6].Text + ", netpay=" + j.SubItems[8].Text + " WHERE batchdate like'" + ssss + "' AND EmployeeID like '" + Convert.ToString(j.SubItems[0].Text) + "'";

cmd = new SqlCommand(sql, cnn);

cmd.ExecuteNonQuery();

}

else

{

read.Close();

{//Faculty

for (int a = 0; a < lvFacultyInfo.Items.Count; a++)

{

sql = "SELECT \* FROM tb\_Employee WHERE EmployeeID like'" + lvFacultyInfo.Items[a].SubItems[0].Text + "'";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

if (read.Read())

{

double rateee = Convert.ToDouble(read.GetValue(14).ToString());

double semi = rateee / 2;

dailyrate = (rateee \* 12) / 313;

hourlyrate = dailyrate / 8;

grosspay = hourlyrate \* Convert.ToDouble(lvFacultyInfo.Items[a].SubItems[3].Text);

deduct = Convert.ToDouble(lvFacultyInfo.Items[a].SubItems[2].Text);

read.Close();

sql = "SELECT \* FROM tb\_SSS ";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

while (read.Read())

{

if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) >= rateee)

{

ss = Convert.ToDouble(read.GetValue(4).ToString());

}

else if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) <= rateee)

{

ss = Convert.ToDouble(read.GetValue(4).ToString());

}

}

read.Close();//philhealth

sql = "SELECT \* FROM tb\_PhilHealth";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

while (read.Read())

{

if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) >= rateee)

{

philhealth = Convert.ToDouble(read.GetValue(6).ToString());

}

else if (Convert.ToDouble(read.GetValue(1)) <= rateee && Convert.ToDouble(read.GetValue(2)) <= rateee)

{

philhealth = Convert.ToDouble(read.GetValue(6).ToString());

}

}

if (semi <= 10416)

{

taxes = 0;

}

else if (semi >= 10417 && semi <= 16666)

{

taxes = (semi-10417) \* .20;

}

else if (semi >= 16667 && semi <= 33332)

{

taxes = (((semi - 16667) + 1250) \* .25);

}

else if (semi >= 33333 && semi <= 83331)

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taxes = (((semi - 33333) + 5416.67) \* .30);

}

else if (semi >= 83332 && semi <= 333332)

{

taxes = (((semi - 83332) + 20416.67) \* .32);

}

else if (semi >= 333333)

{

taxes = (((semi - 333333) + 100416.67) \* .32);

}

double deductionsTotal = (ss + philhealth + taxes + pagibig);

deductionsTotal = Math.Round((double)deductionsTotal, 2);

grosspay = Math.Round((double)grosspay, 2);

netpay = grosspay - deductionsTotal;

netpay = Math.Round((double)netpay, 2); lv = new ListViewItem(lvFacultyInfo.Items[a].SubItems[0].Text);

lv.SubItems.Add(lvFacultyInfo.Items[a].SubItems[1].Text);

lv.SubItems.Add(lvFacultyInfo.Items[a].SubItems[3].Text);

lv.SubItems.Add(grosspay.ToString("F"));

lv.SubItems.Add(deductionsTotal.ToString("F"));

lv.SubItems.Add(ss.ToString("F"));

lv.SubItems.Add(philhealth.ToString("F"));

lv.SubItems.Add(taxes.ToString("F"));

lv.SubItems.Add(pagibig.ToString("F"));

lv.SubItems.Add(netpay.ToString("F"));

lvFaculty.Items.Add(lv);

}

read.Close();

}

DateTime dt = DateTime.Now;

string ssss = "";

if (DateTime.Now.Day >= 1 && DateTime.Now.Day <= 15)

{

ssss = dt.Month + "/20/" + dt.Year;

}

else

{

ssss = dt.Month + "/05/" + dt.Year;

}

foreach (ListViewItem j in lvFaculty.Items)

{

sql = "SELECT \* FROM tb\_BatchProcess WHERE EmployeeID like'" + j.SubItems[0].Text + "' AND batchdate like'" + ssss + "'";

cmd = new SqlCommand(sql, cnn);

read = cmd.ExecuteReader();

if (read.Read())

{

read.Close();

sql = "UPDATE tb\_BatchProcess SET workingTimeTotal='" + j.SubItems[1].Text + "', grosspay='" + j.SubItems[2].Text + "', deduction='" + j.SubItems[3].Text + "',sss='" + j.SubItems[4].Text + "', philhealth='" + j.SubItems[5].Text + "', tax='" + j.SubItems[6].Text + "', netpay='" + j.SubItems[8].Text + "' WHERE batchdate='" + ssss + "' AND EmployeeID like'" + j.SubItems[0].Text + "'";

cmd = new SqlCommand(sql, cnn);

cmd.ExecuteNonQuery();

}

else

{

read.Close();

}

}

catch (Exception ex)  
 {

MessageBox.Show("error" + ex);

}

}

}