private void button1\_Click(object sender, EventArgs e)

{

string url = ConfigurationManager.AppSettings["SiteUrl"].ToString();

string listado = ConfigurationManager.AppSettings["ListTitle"].ToString();

button2.Visible = false;

gv.Visible = false;

label5.Visible = true;

ClientContext ctx = new ClientContext(url);

List list = ctx.Web.Lists.GetByTitle(listado);

CamlQuery query = new CamlQuery();

string condicion = GetQuery();

if (condicion == "") return;

query.ViewXml = condicion;

ListItemCollection items = list.GetItems(query);

ctx.Load(items);

ctx.ExecuteQuery();

List<ListItem> itemList = items.ToList();

if (itemList.Count == 0)

{

System.Windows.Forms.MessageBox.Show("Change Starting Date");

return;

}

button2.Visible = true;

gv.Visible = true;

label5.Visible = false;

dt1 = new System.Data.DataTable();

dt1.Columns.Add("Employee ID", typeof(string));

dt1.Columns.Add("ATTUID", typeof(string));

dt1.Columns.Add("Employee Name", typeof(string));

dt1.Columns.Add("Attrition", typeof(string));

dt1.Columns.Add("Status", typeof(string));

dt1.Columns.Add("Comment", typeof(string));

dt1.Columns.Add("Created", typeof(string));

dt1.Columns.Add("Requestor", typeof(string));

dt1.Columns.Add("Modified", typeof(string));

dt1.Columns.Add("Work Order", typeof(string));

dt1.Columns.Add("Project", typeof(string));

dt1.Columns.Add("Location", typeof(string));

string name3 = t3.Text.Trim();

string choice = cb1.Text;

Field field;

List<Field> fieldList = fields.ToList();

foreach (ListItem item2 in itemList)

{

field = fieldList.Where(f => f.Title == "Automation Requestor").FirstOrDefault();

string requestor2 = ((FieldLookupValue)item2[field.InternalName]).LookupValue;

if (choice == "From Automation" && requestor2 != "ATT UID Deactivation") continue;

if (choice == "From a User" && requestor2 == "ATT UID Deactivation") continue;

field = fieldList.Where(f => f.Title == "Employee ID").FirstOrDefault();

string EmplID = item2[field.InternalName].ToString();

field = fieldList.Where(f => f.Title == "Emp First Name").FirstOrDefault();

string name1 = item2[field.InternalName].ToString();

field = fieldList.Where(f => f.Title == "Emp Last Name").FirstOrDefault();

string name2 = item2[field.InternalName].ToString();

name1 = name1 + " " + name2;

if (name3 != "" && name1.IndexOf(name3) < 0) continue;

string Status = item2["Status"].ToString();

string Created = item2["Created"].ToString();

string Modified = item2["Modified"].ToString();

string ATTUID = (item2["ATTUID"] == null) ? "" : item2["ATTUID"].ToString();

string Comments = (item2["Comments"] == null) ? "" : item2["Comments"].ToString();

string location = (item2["Location"] == null) ? "" : item2["Location"].ToString();

string project = (item2["Project"] == null) ? "" : item2["Project"].ToString();

field = fieldList.Where(f => f.Title == "Effective Date of Attrition").FirstOrDefault();

string DateAttr = item2[field.InternalName].ToString();

int pos1 = DateAttr.IndexOf(" ");

if (pos1 > 1) DateAttr = DateAttr.Substring(0, pos1);

field = fieldList.Where(f => f.Title == "WorkOrder Id").FirstOrDefault();

string wkId = (item2[field.InternalName] == null) ? "" : item2[field.InternalName].ToString();

dt1.Rows.Add(EmplID, ATTUID, name1, DateAttr, Status, Comments, Created, requestor2, Modified, wkId, project, location);

}

if (dt1 != null)

{

gv.DataSource = dt1;

gv.Columns[0].Width = 75;

gv.Columns[1].Width = 65;

gv.Columns[2].Width = 150;

gv.Columns[3].Width = 80;

gv.Columns[4].Width = 80;

}

else

System.Windows.Forms.MessageBox.Show("There is no data, change conditions");

}

private string GetDate(DateTime dd)

{

string year1 = dd.Year.ToString();

string month1 = dd.Month.ToString();

string day1 = dd.Day.ToString();

return year1 + "-" + month1 + "-" + day1;

}

private string GetQuery()

{

DateTime dd = DateTime.Now.AddDays(-150);

string fecha = GetDate(dd);

string fecha2 = GetDate(date1.Value);

string fecha3 = GetDate(date2.Value);

string conditions = "<View><Query><Where><And><Gt><FieldRef Name='Created' /><Value IncludeTimeValue='TRUE' Type='DateTime'>DATE1</Value></Gt><Eq><FieldRef Name='Title' /><Value Type='Text'>xxxxx</Value></Eq></And></Where></Query></View>";

// RETRIEVE EMPL ID

if (t1.Text.Trim() != "")

{

conditions = conditions.Replace("xxxxx", t1.Text.Trim());

conditions = conditions.Replace("DATE1", fecha);

return conditions;

}

if (t2.Text.Trim() != "")

{

conditions = conditions.Replace("Title", "ATTUID");

conditions = conditions.Replace("xxxxx", t1.Text.Trim());

conditions = conditions.Replace("DATE1", fecha);

return conditions;

}

if (t1.Text.Trim() == "" && t2.Text.Trim() == "")

{

if (DateTime.Parse(fecha2) > DateTime.Parse(fecha3))

{

System.Windows.Forms.MessageBox.Show("Starting Date is After Until Date, Change Dates");

return "";

}

if (fecha2 == fecha3) fecha3 = fecha2 + "T12:00:00Z"; //2018-01-11T02:22:17Z

conditions = "<View><Query><Where><And><Geq><FieldRef Name='Created' /><Value IncludeTimeValue='TRUE' Type='DateTime'>" + fecha2 + " </Value></Geq><Leq><FieldRef Name='Created' /><Value IncludeTimeValue='TRUE' Type='DateTime'>" + fecha3 + "</Value></Leq></And></Where></Query></View>";

return conditions;

}

return "";

}