using Microsoft.Exchange.WebServices.Data;

using System;

using System.Configuration;

using System.Data;

using System.Data.Common;

using System.Data.OleDb;

using System.Data.SqlClient;

using System.IO;

using System.Reflection;

namespace ConsoleApp1

{

class ReadExcel

{

private static log4net.ILog log = LogManager.GetLogger(MethodBase.GetCurrentMethod().DeclaringType);

string FILENAME = "C:\\temp\\download.xlsx";

public void Download(EmailMessage email, string status)

{

FileAttachment fileAttach = email.Attachments[0] as FileAttachment;

string file1 = "";

int pos = 0;

try

{

while (file1 == "")

{

pos++;

file1 = fileAttach.Name;

if (!file1.Contains(".xlsx"))

{

fileAttach = email.Attachments[pos] as FileAttachment;

file1 = "";

}

}

}

catch (Exception) { }

if (file1 == "") return;

try

{

System.IO.File.Delete(FILENAME);

}

catch (Exception) { }

FileStream theStream = new FileStream(FILENAME, FileMode.OpenOrCreate, FileAccess.ReadWrite);

fileAttach.Load(theStream);

theStream.Dispose();

ReadExcelFile(status);

}

public void ReadExcelFile(string status)

{

string conn = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source='{0}';Extended Properties=Excel 8.0";

conn = string.Format(conn, FILENAME);

log.Info(conn);

OleDbConnection connExcel = new OleDbConnection(conn);

try

{

connExcel.Open();

}

catch (Exception ex)

{

log.Info(ex.ToString());

return;

}

try

{

string sheet = connExcel.GetSchema("Tables").Rows[0]["TABLE\_NAME"].ToString();

OleDbCommand command = new OleDbCommand("Select \* from [" + sheet + "]", connExcel);

System.Data.Common.DbDataReader dr = command.ExecuteReader();

while (dr.Read())

{

string empid = dr[0].ToString();

if (empid == "") continue;

string sql = "";

if (status != "")

{

sql = "UPDATE DeclarationForms ";

sql = sql + " SET STATUS = '" + status + "' ";

sql = sql + " WHERE EmpID='" + empid + "' ";

}

else

{

string mobile = dr[1].ToString();

string landline = dr[2].ToString();

sql = "UPDATE DeclarationForms ";

sql = sql + " SET EmpMobile = '" + mobile + "' ";

sql = sql + " , Landline = '" + landline + "' ";

sql = sql + " WHERE EmpID='" + empid + "' ";

}

UpdateInfo(sql);

}

command.Dispose();

connExcel.Close();

connExcel.Dispose();

connExcel.Close();

}

catch (Exception ex) { log.Info(ex.ToString()); }

}

public int UpdateInfo(string sql)

{

try

{

string SqlConn = ConfigurationManager.ConnectionStrings["SqlConn"].ConnectionString;

SqlConnection sqlcon = new SqlConnection(SqlConn);

sqlcon.Open();

SqlCommand comm = new SqlCommand(sql, sqlcon);

comm.ExecuteNonQuery();

sqlcon.Close();

sqlcon.Dispose();

}

catch (Exception ws)

{

// InsertLog(EmpName, "Could not Insert in DB");

string msgErr = "Error when INSERTING Exposure " + sql + " " + ws.ToString();

//SendEmail("Error Emp Verification Insert ", msgErr, "");

return 2;

}

return 1;

}

}

}