Graphical user interface, text, application, email

Description automatically generated

C#

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// Custom Function: SAE\_Email\_Alert\_Initial

// Edit Check/s: SAE\_Email\_Alert\_Initial

// Short Description:

// For SAE1CASENUM = SAE2CASENUM with initial entry of fields in form SAE1 or form SAE2 and SUBMIT = checked then send email. Note: If the response is altered, there will not be a secondary notification.

ActionFunctionParams afp = (ActionFunctionParams) ThisObject;

DataPoint dpt\_Action = afp.ActionDataPoint;

//SUBMIT

Subject current\_sub = dpt\_Action.Record.Subject;

Instance InsCurr = dpt\_Action.Record.Instance;

DataPoint dpt\_SAE2CASENUM = null;

bool SendMail = false;

string str\_SUBJID = string.Empty, str\_SITENO = string.Empty, str\_EVENTTERM = string.Empty, Str\_EmailAddress = string.Empty, Str\_EmailBody = string.Empty;

string strSAE2CASENUM = string.Empty;

DataPoint dpt\_SAE\_FLAG = dpt\_Action.Record.DataPoints.FindByFieldOID("SAE\_FLAG");

if (dpt\_Action.Active && dpt\_Action.Data == "1")

{

SendMail = true;

if (dpt\_SAE\_FLAG != null && dpt\_SAE\_FLAG.Active && dpt\_SAE\_FLAG.Data != "1")

{

dpt\_SAE\_FLAG.UnFreeze();

dpt\_SAE\_FLAG.Enter("1", string.Empty, 0);

dpt\_SAE\_FLAG.Freeze();

}

DataPoints Dpts\_SUBJID = CustomFunction.FetchAllDataPointsForOIDPath("SUBJID", "SUBJ", null, current\_sub);

if (Dpts\_SUBJID != null && Dpts\_SUBJID.Count > 0 && Dpts\_SUBJID[0] != null && Dpts\_SUBJID[0].Active && Dpts\_SUBJID[0].Data != string.Empty && Dpts\_SUBJID[0].EntryStatus != EntryStatusEnum.NonConformant)

{

str\_SUBJID = Dpts\_SUBJID[0].Data;

DataPoint Dpt\_SITENO = Dpts\_SUBJID[0].Record.DataPoints.FindByFieldOID("SITEID");

if (Dpt\_SITENO != null && Dpt\_SITENO.Active && Dpt\_SITENO.Data != string.Empty && Dpt\_SITENO.EntryStatus != EntryStatusEnum.NonConformant)

str\_SITENO = Dpt\_SITENO.Data;

}

dpt\_SAE2CASENUM = dpt\_Action.Record.DataPoints.FindByFieldOID("SAE2CASENUM");

strSAE2CASENUM = string.Empty;

if (dpt\_SAE2CASENUM != null)

{

if (dpt\_SAE2CASENUM.Active && dpt\_SAE2CASENUM.Data != string.Empty)

strSAE2CASENUM = dpt\_SAE2CASENUM.Data;

}

DataPoint dpt\_EVENTTERM = FindSAE1(strSAE2CASENUM, InsCurr);

if (dpt\_EVENTTERM != null)

{

if (dpt\_EVENTTERM.Data.Trim() != string.Empty)

str\_EVENTTERM = dpt\_EVENTTERM.Data.Trim();

}

}

else

{

if (dpt\_SAE\_FLAG != null && dpt\_SAE\_FLAG.Active && dpt\_SAE\_FLAG.Data == "1")

{

dpt\_SAE\_FLAG.UnFreeze();

dpt\_SAE\_FLAG.Enter("0", string.Empty, 0);

dpt\_SAE\_FLAG.Freeze();

}

}

if (SendMail)

{

string Str\_EmailSubject = "Affimed AFM28-101; Site Number: " + str\_SITENO + "; Patient /Subject number: " + str\_SUBJID + "; ALERT\_Serious Adverse Event Initial Report";

Str\_EmailBody = "For SAE Case Number " + strSAE2CASENUM + ", with Record Position " + dpt\_SAE2CASENUM.Record.RecordPosition.ToString() + ", SUBMIT (SUBMIT) has been ticked for Patient / Subject " + str\_SUBJID + ", Site Number " + str\_SITENO + " has triggered the alert." + Environment.NewLine + Environment.NewLine;

Str\_EmailBody += "Action required: Site has submitted a Serious Adverse Event Initial Report for this subject for SAE Case Number " + strSAE2CASENUM + "." + Environment.NewLine + Environment.NewLine;

Str\_EmailBody += "Kindly review the eCRF for this Subject and confirm if site has submitted all the required details on the Serious Adverse Event - Page 1/2 form & the Serious Adverse Event - Page 2/2 form for SAE Case Number " + strSAE2CASENUM + Environment.NewLine + Environment.NewLine;

Str\_EmailBody += "If not entered, kindly follow up with site to enter all the outstanding required details on both forms for SAE Case Number " + strSAE2CASENUM + " asap." + Environment.NewLine + Environment.NewLine;

Str\_EmailAddress = Mthd\_GetCompleteEmailAddress(current\_sub,dpt\_Action);

if (Str\_EmailAddress != string.Empty)

Message.SendEmail(Str\_EmailAddress, "AFM28-101@mdsol.com", Str\_EmailSubject, Str\_EmailBody);

}

return null;

}

DataPoint FindSAE1(string strSAE2CASENUM, Instance InsCurr)

{

bool blSAEFound = false;

DataPage dpgSAE1 = InsCurr.DataPages.FindByFormOID("SAE1");

if (dpgSAE1 != null)

{

if (dpgSAE1.Active)

{

Records SAE1rcds = dpgSAE1.Records;

if (SAE1rcds.Count > 0)

{

for (int i = 0; i < SAE1rcds.Count && !blSAEFound; i++)

{

Record SAE1rcd = SAE1rcds[i];

DataPoint dpEVENTTERM = SAE1rcd.DataPoints.FindByFieldOID("EVENTTERM");

if (dpEVENTTERM != null)

{

if (dpEVENTTERM.Active && dpEVENTTERM.Data == strSAE2CASENUM)

{

blSAEFound = true;

return dpEVENTTERM;

}

}

}

}

}

}

return null;

}

string Mthd\_GetCompleteEmailAddress(Subject Sbj\_Current, DataPoint dpAction)

{

string Str\_EmailAddress = string.Empty;

switch (Sbj\_Current.StudySite.Study.Environment.ToUpper())

{

case "DEV":

if (dpAction != null && dpAction.Interaction.TrueUser != null && dpAction.Interaction.TrueUser.Email != null)

Str\_EmailAddress = dpAction.Interaction.TrueUser.Email;

break;

case "IUAT":

if (dpAction != null && dpAction.Interaction.TrueUser != null && dpAction.Interaction.TrueUser.Email != null)

Str\_EmailAddress = dpAction.Interaction.TrueUser.Email;

break;

case "PROD":

Str\_EmailAddress = "beate.ruch@spm2-safety.com; Affimed-PhV@spm2-safety.com; Desislava.Dimitrova@iconplc.com";

break;

case "UAT":

if (dpAction != null && dpAction.Interaction.TrueUser != null && dpAction.Interaction.TrueUser.Email != null)

Str\_EmailAddress = "beate.ruch@spm2-safety.com; Affimed-PhV@spm2-safety.com; Desislava.Dimitrova@iconplc.com";

break;

case "MIG":

Str\_EmailAddress = string.Empty;

break;

}

return Str\_EmailAddress;