Design Document for User Story 6440

As a user I want to see only my sites clinical program areas in the patient summary tree.

# ASP .NET Pages

N/A

# ASP .NET User Controls

N/A

# ASP .NET Classes

## MasterPageExt.master.cs

Code Type: C# Class

Uses Classes: CUser, CDataUtils, CTreatment, CPatient, CCPA, CDataConverter, CAppMenu, CUserAdmin, DataSet, CPatientLock, CMessages, CEncounter

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 266

public void OnCPAChange(string strCPAID)

* cache the selected cpa id if the user selects a CPA

protected void Page\_Load(object sender, EventArgs e)

* Page Load

## CCPA.cs

Code Type: C# Class

Uses Classes: CDataParameterList, CDataSet

Uses PL/SQL Procedures: PCK\_CPA.GetCPATypeRS, PCK\_CPA.GetCPARS, PCK\_CPA.GetCPAPWRS, PCK\_CPA.GetPWEventRS, PCK\_CPA.GetPWEventAndModuleRS, PCK\_CPA.GetPWEventModuleRS, PCK\_CPA.GetUserCPARS, PCK\_CPA.GetPatCPARS, PCK\_CPA.GetPatPWRS, PCK\_CPA.GetPatPWNotAppliedRS, PCK\_CPA.GetPatCPANotAppliedRS, PCK\_CPA.GetPatPWEventRS, PCK\_CPA.GetPatPWEventModuleRS, PCK\_CPA.ApplyPathway, PCK\_CPA.UpdatePatPWEventModule

Uses MDWS Calls: N/A

Lines of Code: 435

public CCPA()

* constructor

public DataSet GetCPATypeDS(BaseMaster BaseMstr)

* gets clinical program area types dataset

public DataSet GetCPADS(BaseMaster BaseMstr,

long lRegionID,

long lSiteID)

* gets a dataset of all clinical program areas for a region site

public DataSet GetCPAPWDS(BaseMaster BaseMstr,

long lCPAID)

* Gets all pathways for a clinical program area

public DataSet GetPWEventDS(BaseMaster BaseMstr,

long lPWID)

* Gets all pathway events for a pathway

public DataSet GetPWEventAndModuleDS(BaseMaster BaseMstr,

long lPWID)

* get all event and modules

public DataSet GetPWEventModuleDS(BaseMaster BaseMstr,

long lPWID,

long lPWEventID)

* Gets all modules for a pathway event

public DataSet GetUserCPADS(BaseMaster BaseMstr)

* gets a dataset of users clinical program areas

public DataSet GetPatCPADS(BaseMaster BaseMstr,

string strPatientID)

* get all clinical program areas a patient belongs to

public DataSet GetPatPWDS( BaseMaster BaseMstr,

string strPatientID,

long lCPAID )

* gets all of a patients pathways for a clinical program area

public DataSet GetPatPWNotAppliedDS(BaseMaster BaseMstr,

string strPatientID,

long lCPAID)

* Gets all pathways NOT associated with a patient/clinical program area. This is used to allow the user to select a pathway to add to a patient

public DataSet GetPatCPANotAppliedDS(BaseMaster BaseMstr,

string strPatientID)

* Gets all clinical program areas with counts that allow you to determine whether this CPA has any pathways that can be applied to the patient

public DataSet GetPatPWDS(BaseMaster BaseMstr,

string strPatientID)

* Gets all of a patient's pathway for all clinical program areas ordered by region, site and clinical program area

public DataSet GetPatPWEventDS(BaseMaster BaseMstr,

string strPatientID,

long lPatPWID)

* Gets all pathway events for a specific patient pathway

public DataSet GetAllPatPWEventDS(BaseMaster BaseMstr,

string strPatientID,

long lPWID)

* Gets all pathway events for a patient pathway

public DataSet GetPatPWEventDSByCPA(BaseMaster BaseMstr,

string strPatientID,

long lCPAID)

* Gets all pathway events for a patient/clinical program area

public DataSet GetPatPWEventDS(BaseMaster BaseMstr,

string strPatientID)

* Gets all pathway events associated with a patient, ordered by clinical program area

public DataSet GetPatPWEventModuleDS(BaseMaster BaseMstr,

string strPatientID,

long lCPAID)

* Gets all pathway event modules associated with a patient/Clinical program area

public DataSet GetAllPatPWEventModuleDS(BaseMaster BaseMstr,

string strPatientID)

* Gets all pathway event modules associated with a patient

public DataSet GetPatPWEventModuleDS(BaseMaster BaseMstr,

string strPatientID)

* Gets all pathway event modules associated with a patient

public DataSet GetPatPWEventModuleDS(BaseMaster BaseMstr,

string strPatientID,

long lPatPWID,

long lPWEventID)

* Gets all pathway event modules associated with a patient pathway event

public long ApplyPathway(BaseMaster BaseMstr,

string strPatientID,

long lPWID)

* apply pathway to patient, return -1 if failed, otherwise patient pathway id

public bool UpdatePatPWEventModule(BaseMaster BaseMstr,

string strPatientID,

long lRegionID,

long lSiteID,

long lCPAID,

long lPatPWID,

long lPatPWEvtID,

long lMID,

long lIntakeID)

* Updates the Patient Pathway Event Module status after instrument is saved

# C++ Classes

N/A

# Oracle PL/SQL

## pck\_cpa.bdy

Lines of Code: 1103

procedure GetCPATypeRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

Gets all clinical program area types

procedure GetCPARS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nRegionID in number,

pi\_nSiteID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

Gets all clinical program areas by region/site

procedure GetCPAPWRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

Gets all pathways for a clinical program area each site has its own list of clinical program areas

procedure GetPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nPWID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

Gets all pathway events for a pathway

procedure GetPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nPWID in number,

pi\_nPWEventID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all modules for a pathway event

procedure GetPWEventAndModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nPWID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all events and modules for a pathway

procedure UpdateUserDefaultCPA (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* update a users default clinical program area

procedure GetUserCPARS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets a users clinical program areas

procedure GetPatCPARS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all clinical program areas associated with a patient

procedure GetPatPWRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathways associated with a patient/clinical program area

procedure GetPatCPANotAppliedRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nRegionID in number,

pi\_nSiteID in number,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all clinical program areas with counts that allow you to determine whether this CPA has any pathways that can be applied to the patient

procedure GetPatPWNotAppliedRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathways NOT associated with a patient/clinical program area. This is used to allow the user to select a pathway to add to a patient

procedure GetPatPWRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathways associated with a patient, ordered by region, site and clinical program area

procedure GetPatPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway events for a specific patient pathway

procedure GetPatPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPWID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway events for a patient pathway

procedure GetPatPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway events associated with a patient/clinical program area

procedure GetPatPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway events associated with a patient, ordered by clinical program area

procedure GetPatPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWID in number,

pi\_nPWEventID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway event modules associated with a specific patient pathway event

procedure GetPatPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPWID in number,

pi\_nPWEventID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway event modules associated with a patient pathway event

procedure GetPatPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nCPAID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway event modules associated with a patient/Clinical program area

procedure GetPatPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway event modules associated with a patient

procedure ApplyPathway (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPWID in number,

po\_nPatPWID out number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* apply a pathway to a patient

procedure UpdatePatPWEventModule (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nRegionID in number,

pi\_nSiteID in number,

pi\_nCPAID in number,

pi\_nPatPWID in number,

pi\_nPatPWEvtID in number,

pi\_nMID in number,

pi\_nIntakeID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* Updates Patient Event Module status after a module is completed