Design Document for User Story 6678

As a user I want to edit schedule properties and instruments from the schedule tree.

# ASP .NET Pages

N/A

# ASP .NET User Controls

## ucInstrumentSelection.ascx.cs

**Code Type**: C# Codebehind Class for ASP .NET User Control

**Uses Classes**: CCPA, CDataConverter, JavaScriptSerializer, CIntake

**Uses PL/SQL Procedures**: N/A

**Uses MDWS Calls**: N/A

**Lines of Code**: 214

public string PatPWEventID

* patient pathway event id

public string SelectedMIDS

* selected instrument ids

public void Show(long lPatPWEventID)

* US:5859 show the intrument selection/event update popup

public bool InitializeControl()

* US:5859 initialize the instrument selection/event update dialog

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

* US:5859 instrument selection/event update control page load

public void OnGroupTypeSelect(string strGroupTypeID)

* US:5859 load the instrument grid based on the combo group type

public void OnGroupSelect()

* US:5859 fires when a group is selected from the combo

protected void LoadInstruments()

* us:5859 load instruments gridpanel by group id

public void OnInstrumentSel(string strJsonRecord)

* US:5859 user checked an instrument

public void OnInstrumentDeSel(string strJsonRecord)

* US:5859 user unchecked an instrument

public void OnRemoveInstrument()

* US:5859 user unchecked an instrument

public void LoadInstrumentGroups(long lGroupTypeID)

* US:5859 load instrument groups into the combo

public long OnInstrumentSelOK()

* US:5963 ok button handler for instrument selection/event update popup

public void OnInstrumentSelCancel()

* US:5963 cancel button handler for instrument selection/event update popup

# ASP .NET Classes

## 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.GetPatPWRS, PCK\_CPA.GetPatPWEventRS, PCK\_CPA.GetPatPWEventModuleRS, PCK\_CPA.ApplyDefaultPathway, PCK\_CPA.ApplyPathway, PCK\_CPA.UpdatePatPWEventModule, PCK\_CPA.InsertPatPWEventModules, PCK\_CPA.UpdatePatPWEventModules

**Uses MDWS Calls**: N/A

**Lines of Code**: 396

public bool UpdatePWEventModules(BaseMaster BaseMstr,

string strPatientID,

long lPatPWEventID,

string strEventTitle,

DateTime dtEventDate,

long lAdjustFuture,

string strMIDS)

* insert/update pw event modules

# C++ Classes

N/A

# Oracle PL/SQL

## pck\_cpa.bdy

**Lines of Code**: 1292

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 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,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets all pathway events associated with a patient

procedure GetPatPWEventRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWEventID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* Gets one pathway event associated with a patient

procedure GetPatPWEventModuleRS (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWID in number,

pi\_nPatPWEventID 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\_nPatPWEventID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor

)

* get all modules for a patient pw event

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 MergePathwayEvents (

pi\_vPatientID in varchar2,

pi\_nPatPWID in number,

po\_nMerged out number

)

* merge pathway events and modules

procedure ApplyPathway (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_vPWIDs in varchar2,

pi\_vPWTitle in varchar2,

pi\_dtBaseline in date,

po\_nPatPWID out number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* apply a pathway/schedule to a patient

procedure InsertPathwayEvent (

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

)

* Insert pathway event

procedure InsertPatPWEventModules (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWEventID in number,

pi\_vMIDS in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* Insert pat pw event modules

procedure UpdatePatPWEventModules (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWEventID in number,

pi\_vEventTitle in varchar2,

pi\_dtEventDate in date,

pi\_nAdjustFuture in number,

pi\_vMIDS in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* Update the pw event module list

procedure UpdatePatPWEventModule (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPWID 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