Design Document for User Story 6677

As a user I want to combine events and instruments when I choose more than one pathway for a schedule.

# ASP .NET Pages

N/A

# ASP .NET User Controls

## ucAssignPathway.ascx.cs

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

**Uses Classes**: CCPA

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

**Uses MDWS Calls**: N/A

**Lines of Code**: 105

public void Show()

* US:6438 show the assign pathway popup

public bool InitializeControl()

* US:6438 initialize the assign pathway dialog

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

* US:6438 page load

public long OnOK(string strPWIDS)

* US:6438 user clicked ok

public void OnCancel()

* US:6438 user clicked cancel

# 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 DataSet GetPatPWEventByIDDS(BaseMaster BaseMstr,

string strPatientID,

long lPatPWEventID)

* gets one pathway event by id

public bool ApplyDefaultPathway(BaseMaster BaseMstr,

string strPatientID)

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

public long ApplyPathway(BaseMaster BaseMstr,

string strPatientID,

string strPWTitle,

DateTime dtBaseline,

string strPWIDs)

* combines PWs specified in strPWIDs into 1 pathway

# 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