Design Document for User Story 7359

As a user I want an easier way to edit/update a pathway when: Delete Event.

# ASP .NET Pages

## tbipat\_summary.aspx.cs

Code Type: C# Codebehind Class for ASP .NET Page

Uses Classes: CCPA, CMDWSOps, CPWEvent, CTemplate, CDataConverter, CInstrumentResponse, StringBuilder, XslCompiledTransform, List<object>

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 600

protected void OnEventDelete(object sender, DirectEventArgs e)

* user deleted an event

public void OnShowEventDel()

* show the delete event dialog

public void OnEditEvent(long lPatPWEventID)

* filter menu options on event edit

# ASP .NET User Controls

N/A

# ASP .NET Classes

## CCPA.cs

**Code Type**: C# Class

**Uses Classes**: CDataParameterList, CDataSet

**Uses PL/SQL Procedures**: PCK\_CPA.AllowEventDelete, PCK\_CPA.DeleteEvent, PCK\_INTAKE.GetModuleSearchRS, PCK\_INTAKE.GetAllModuleRS, 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.DeletePatPWEventModules, PCK\_CPA.UpdatePatPWEventModules

**Uses MDWS Calls**: N/A

**Lines of Code**: 605

public bool AllowEventDelete(BaseMaster BaseMstr,

string strPatientID,

long lPatPWEventID)

* Check if the user can delete the event

public bool DeleteEvent(BaseMaster BaseMstr,

string strPatientID,

long lPatPWEventID)

* Delete Event

# C++ Classes

N/A

# Oracle PL/SQL

## pck\_cpa.bdy

**Lines of Code**: 1810

procedure DeleteEvent (

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

)

* delete an event

procedure AllowEventDelete (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWEventID in number,

po\_nAllowDelete out number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* Check if the user can delete the event

procedure InsertPatPWEvent (

pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nRegionID in number,

pi\_nSiteID in number,

pi\_vPatientID in varchar2,

pi\_nPatPWID in number,

pi\_vEventTitle in varchar2,

pi\_dtEventDate in date,

pi\_nAdjustFuture in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* insert a new pat pw event

procedure UpdatePatPWEvent (

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,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* Update the pw event info

procedure DeletePatPWEventModules (

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

)

* delete a scheduled module

procedure GetPWEventModuleRS (

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 all pathway event modules associated with a specific patient 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,

pi\_vModuleFors in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2

)

* insert modules into the pat pw event module list

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,

pi\_vModuleFors 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

## pck\_intake.bdy

**Lines of Code**: 408

procedure GetAllModuleRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get rs of modules matching search criteria

procedure GetModuleSearchRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vSearch in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get rs of modules matching search criteria

procedure GetModuleGroupMIDRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nModuleGroupID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get intake modules by group id

procedure GetModuleGroupRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_nGroupTypeID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get module groups by group type id

procedure GetModuleGroupTypeRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get module group types such as domain and clinical setting

procedure GetNextMIDIntakeIDRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nMID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* Gets next module intake\_id