# Design Document for User Story 5959

As a user I would like TBI CDS to auto populate the demographic data from CPRS.

## ASP .NET Pages

### pat\_demographics.aspx.cs

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

Uses Classes: CStat, CPatientDemographics, List<string>

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 366

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

* Pulls and display patient demographics from central database

protected void LoadPatientDemographics()

* Loads demographics tab with patient's demographic data from central database

## ASP .NET User Controls

N/A

## ASP .NET Classes

### CPatientDemographics.cs

Code Type: C# Class

Uses Classes: CDataParameterList, CDataSet

Uses PL/SQL Procedures: PCK\_PATIENT.GetPatientDemographicsRS, PCK\_PATIENT.GetPatientSocioeconomicsRS, PCK\_PAT\_ETHNICITY\_RACE.GetPatientRaceRS, PCK\_PAT\_ETHNICITY\_RACE.GetPatientEthnicityRS, PCK\_PATIENT.UpdatePatientDemographics, PCK\_PATIENT.UpdatePatientSocioeconomics, PCK\_PAT\_ETHNICITY\_RACE.UpdatePatientRace, PCK\_PAT\_ETHNICITY\_RACE.UpdatePatientEthnicity

Uses MDWS Calls: N/A

Lines of Code: 221

public DataSet GetPatientDemographicsDS(string strPatientID)

* Returns demographics dataset to populate patient demographics page controls

### CTxTree.cs

Code Type: C# Class

Uses Classes: }, DataSet, CSampleData, CIntake

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 277

public class CTxTree

* Renders and handles the Patient Treatment Tree

public void RenderTxSidePanel(ext.Panel pnlContainer)

* Renders the side panel with the Summary and Current visit tabs. It also renders the patient treatment tree in the Summary tab

protected void RenderSummaryPanel(ext.TabPanel tpContainer)

* Renders the Summary tab panel ; Task:6041

protected void RenderCurrVisitPanel(ext.TabPanel tpContainer) {

//create the panel

ext.Panel pnl = new ext.Panel()

* Renders the Current Visit tab panel ; Task:6041

protected void RenderClinicalSettingsNodes(ext.Node nParentNode) {

DataSet dsCS = GetClinicalSettingsDS();

* Renders and add the Clinical Settings node to the Treatment Tree ; Task:6042

protected void RenderPatientEncountersNodes(ext.Node nParentNode) {

DataSet dsEncounters = GetPatientEncountersDS();

* Renders and add the Encounters node to the Treatment Tree ; Task:6043

protected void RenderPatientInstrumentsNodes(ext.Node nParentNode) {

//create the instruments node

ext.Node nPI = new ext.Node()

* Renders and add the Patient Instruments node to the Treatment Tree ; Task:6045

protected void RenderProviderInstrumentsNodes(ext.Node nParentNode) {

//create the instruments node

ext.Node nPI = new ext.Node()

* Renders and add the Provider Instruments node to the Treatment Tree ; Task:6046

## C++ Classes

N/A

## Oracle PL/SQL

### pck\_patient.bdy

Uses Tables: UTL\_DECSTR, FX\_USER\_ID, STAT\_GENDER, STAT\_DIMS\_BASE, UTL\_ENCSTR

Lines of Code: 1643

procedure UpdatePatientDemographics(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_vPatientID in varchar2,

pi\_vFirstName in varchar2,

pi\_vMI in varchar2,

pi\_vLastName in varchar2,

pi\_vSponsorSSN in varchar2,

pi\_vSSN in varchar2,

pi\_vGender in varchar2,

pi\_vDateOfBirth in varchar2,

pi\_vProviderID in varchar2,

pi\_vAddress1 in varchar2,

pi\_vAddress2 in varchar2,

pi\_vCity in varchar2,

pi\_vPostal\_Code in varchar2,

pi\_vHomePhone in varchar2,

pi\_vCellPhone in varchar2,

pi\_vWorkPhone in varchar2,

pi\_vEmail in varchar2,

pi\_vStateID in varchar2,

pi\_nCellPhoneMsg in number,

pi\_nEmailMsg in number,

pi\_nCallPreference in number,

pi\_nPrefLangID in number,

pi\_vPrefLangOther in varchar2,

pi\_nDutyStatusID in number,

pi\_nHandPrefID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2)

* Updates patient demographics data from the demographics page in the application

procedure GetPatientLookupRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_nSelectedCases in number,

pi\_nSearchType in number,

pi\_vSearchValue in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* get a record set of patients back that match criteria

procedure GetPatientDemographicsRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* Returns the patient demographics recordset

procedure GetPatientSocioeconomicsRS(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_vPatientID in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2,

rs out RetRefCursor)

* Returns patient socioeconomics recordset

procedure UpdatePatientSocioeconomics(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_vPatientID in varchar2,

pi\_nHighestGradeID in number,

pi\_nHighestDegreeID in number,

pi\_nMaritalStatusID in number,

pi\_nEmploymentStatusID in number,

pi\_nJobClassificationID in number,

pi\_vEmploymentStatusOther in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2)

* Updates patient socioeconomics data

procedure InsertPatientSocioeconomics(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vKey in varchar2,

pi\_vPatientID in varchar2,

pi\_nHighestGradeID in number,

pi\_nHighestDegreeID in number,

pi\_nMaritalStatusID in number,

pi\_nEmploymentStatusID in number,

pi\_nJobClassificationID in number,

pi\_vEmploymentStatusOther in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2)

* Inserts patient socioeconomics data

### pck\_pat\_ethnicity\_race.bdy

Uses Tables: STAT\_ETHNICITY, STAT\_RACE, STAT\_ETH\_RACE\_SOURCE

Lines of Code: 375

procedure GetPatientEthnicityRS(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)

* Returns patient ethnicity recordset

procedure GetPatientRaceRS(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)

* Returns patient race recordset

procedure UpdatePatientRace(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_vValues in varchar2,

po\_nStatusCode out number,

po\_vStatusComment out varchar2)

* Updates patient race selected values

procedure UpdatePatientEthnicity(pi\_vSessionID in varchar2,

pi\_vSessionClientIP in varchar2,

pi\_nUserID in number,

pi\_vPatientID in varchar2,

pi\_nEthnicityID in number,

po\_nStatusCode out number,

po\_vStatusComment out varchar2)

* Updates patient ethnicity