# Design Document for User Story 5713

## As a User I want the TBI-CDS Thin-Client to maintain a list of authorized users.

## ASP .NET Pages

N/A

## ASP .NET User Controls

N/A

## ASP .NET Classes

N/A

## C++ Classes

### Region.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 11

* CRegion::CRegion(LPCTSTR strRegionID, LPCTSTR strRegionName )
  + constructor
* CRegion::CRegion(void)
  + constructor
* CRegion::~CRegion(void)
  + destructor

### RegionList.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 35

* CRegionList::CRegionList(void)
  + construstor
* CRegionList::~CRegionList(void)
  + destructor
* bool CRegionList::LoadList(LPCTSTR strRecordData)
  + Load the region list regions look like this in the config file [REGIONS] 1|Development VISN 2|Dev i20388VSTW 3|CPM 4|Georgia Tech 5|i382 VistA

### Site.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 14

* CSite::CSite(LPCTSTR strRegionID, LPCTSTR strSiteID, LPCTSTR strSiteName )
  + Constructor
* CSite::CSite(void)
  + Constructor
* CSite::~CSite(void)
  + Destructor

### SiteList.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 39

* CSiteList::CSiteList(void)
  + constructor
* CSiteList::~CSiteList(void)
  + destructor
* bool CSiteList::LoadList(LPCTSTR strRecordData)
  + load the site list sites look like this in the config file [SITES] 1|101|Development VistA 1|903|i734VSTLNK VistA 2|102|i20388VSTW VistA 3|901|CPM 4|902|Georgia Tech 5|103|i382 VistA

### User.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 21

* CUser::CUser(LPCTSTR strRegionID, LPCTSTR strSiteID,

LPCTSTR strDUZ, LPCTSTR strUserN, LPCTSTR strUserP)

* + Constructor
* CUser::CUser(void)
  + Constructor
* CUser::~CUser(void)
  + Destructor

### UserList.cpp

Code Type: C++ Class

Uses PL/SQL Procedures: N/A

Uses MDWS Calls: N/A

Lines of Code: 181

* CUserList::CUserList(void)
  + Constructor
* CUserList::~CUserList(void)
  + Destructor
* CUser\* CUserList::GetUser(LPCTSTR strDUZ)
  + find the user matching the DUZ
* bool CUserList::SaveUser(CString& strRegionID,

CString& strSiteID,

CString& strDUZ,

CString& strUN,

CString& strP)

* + save a user to the ctg file and update the list vals passed by reference because they get encrypted
* bool CUserList::LoadList(LPCTSTR strRecordData)
  + load the users [USERS] duz|region|site|encun|encp duz|region|site|encun|encp
* bool CUserList::LoadListFromCTG()
  + loads the list form the ctg file

## Oracle PL/SQL

N/A