# Maintenance Project

**Date /** January 22nd, 2018

**Time /** 8:00am – 9:30am

**Location /** B219

**Subject /** Maintenance Project

## Meeting Parties

* Project Manager
* Client
* 2 maintenance teams

## Attendees

* Sylvain Hutchison
* Allan McDonald
* Maintenance class

## Invited, but Didn’t Show

* N/A

## Items Discussed

* Current state of the CS Department server environment
  + CSDev, CSTest, CSProd, CSOracle, CSTFS
    - CSProd has everything needed for the production environment
  + LDAP, Mail Server - hcmail
* Changes in the CSProd environment
  + WebForms -> MVC
  + Oracel -> SQL Server
  + VB.NET -> C#
* CSAdmin is all written in VB and needs to be re-written entirely.
* History of Clara connections
  + Clara is maintained outside the college and contains data about everything.
  + Susan and Allan narrowed it down to about 150 tables out of 600+
  + As of last year, there are views into Clara that give us all the data required.
    - No indexes slows things down
  + Clara must be accessed with a view currently
* Systems on CSProd
  + CES – Uses Clara views
  + HERS – Uses imported data
  + FACE – Tied directly to Clara
  + TRAC – Tied directly to Clara
  + COTS – Uses Clara views
  + All of these are controlled by CSAdmin
* CSAdmin grew out of a maintenance project, and so is not super well designed. Does all of the administrative work for all of the Computer Science Department applications.
* CSAdmin sucks in data from Clara to give control to users throughout each of the different applications. Clara knows by student/employee number.
* All of this is currently done in a very convoluted stored procedure.
  + This needs to be entirely re-written into business logic and will need to be tested **very** thoroughly.
* CSAdmin only has one role, the administrator
* CSProd/CSTest: SQL Server 2008, ASP.NET 4.2, IIS 7, and CSProd has an SSL Certificate
* Work that needs to be done in CSAdmin – captured in decisions
  + Framework and language conversion
  + Remove old functionality – Lookup tables, e-coop, language
  + Modify login and external users

## Actions

|  |  |  |
| --- | --- | --- |
| Action | Person Responsible | Due Date |
|  |  |  |

## Decisions

* Lookup tables need to be entirely removed from CSAdmin
* Language of choice needs to be removed from CSAdmin
* Remove e-coop functionality
* Create accounts for non-clara users
* Convert from WebFroms to MVC
* Convert from VB.NET to C#
* Standardize CSAdmin login as a service
* Allow lookup for all Clara views
* Update toolbar
* Convert stored procedures to business logic code
* Automate coordinator extraction
* Unit testing

## Follow Up