Capstone Meeting Minute

**Date**: 3/11/2014

**Attendants**: Tom Drury, Doug Clauder, Han, Nauvin, Leslie

**Place**: OHSU Information Technology Group

1. Discussion about the project in general

* Pilot vs live
* Arcitectural Software design
* HL7 needs to be able to associate with an order number
* Order of a test comes from EPIC
* LDAP is the preferred sign in process
* C# has HL7 Libraries specific to working with HL7
* We would require a test database within Epic
* Potential HIPA restrictions
* Beneficial to work on a Citrix host
* Reporting system
* Would require a Data Dictionary – necessary
  + Provides a detailed description of the database
  + Reference material to make calls to the server
* HL7 has the potential for a survey that would hold the test results but is not searchable for historical data
* This could be turned over to another capstone that would implement
  + Integration into EPIC
  + Further testing
* Congruency issue because the data base cannot be installed on the network
* ODBC – connection
* “Not in the data center” project handles programs like this already. Would like to avoid another siloed (stand alone) system

1. Main issues

* Concern that there is no vendor support. The idea of clinical application in production and not supported
* OHSU owns the source code, they are not in a position to support the software as they are not a software company
* There is no development as currently this project is slated straight to production
* This is a siloed system with no integration. This makes duplication of entry since records not in EPIC
* Security issues related to HIPA, LDAP integration of authentication, secure storage and access logging (requirement of HIPA)

1. Solution
   * “Testing System” delivered to Dr. Reiss that has a GUI, local database and the proof of concept that it can be scaled to host congruent testing
   * Include needs to make this production software

* Networked Database
* DLL files
* Security review and Office of Integrity
* LDAP integration
* Network Install/Infrastructure
* Work with the Clinical Informatics Department
  + Has their own testing instance of EPIC