**Presentation 1.3**

**Iteration I - Implementation Phase**

Systems Analysis and Design

Professor Krebsbach

Your team objective in this presentation is to demonstrate the first partial implementation of your system (approximately half), and to demonstrate that you have managed to hook it up to, and query, a simple database.

1. **Demonstration of Detailed Use Case Realizations**: Your goal should be to do a first-cut implementation **of all of the use cases you detailed for P1.1**, including User Interface functionality. For example, you should attempt to implement and demonstrate something like (all) 10 high priority use cases, and at least 5 (out of 10) medium priority use cases.
2. **“Hello, world!” Database Demo** of (at least one) database query operation. You do not necessarily need to demonstrate every such use case with the associated databases, but should demonstrate at least some of them with the associated database so you can shut down the system and start it back up with previous data recovered from the persistent DBMS. The idea is to show that you have populated at least a few tables from within the SuD (not by hand) and are able to set up a working example of how your core system logic will interface with a relational database. This requirement is especially important for systems that need a significant amount of data to give realistic demos. For example, an SuD that does housing assignments for a college campus cannot be tested and generate a compelling demo with 10 students and 3 buildings in the DB. You need to figure out how to populate the DB, and be prepared to answer questions about the DB design (although we will talk more about database normalization levels in a future class).

**Submission vs. Presention of Materials**

To turn in online: Please make a **copy** of your implementation available in your shared folder so I can peruse the code you have “checked in” and demonstrated.

To hand in via hardcopy before presentation:

* Any materials listed above that are hand drawn, photocopied, etc.
* Any further materials you want me to look at as you give your presentation.

To present:

You should plan to demonstrate all working use case realizations (and at least one database “Hello, world!” example). Please test things out on the computer you plan to use ahead of time to avoid last minute problems.