Client Meeting #4

<u>Users of the System and their duties:</u>

<u>Team-</u> can be the whole team or extended to team members.

Team Uses- be able to view a log in screen with username and password.

Have the ability to test the program before the contest begins to have members get a feel of how the system works. Example: submission of an example problem, communication of judges.

Teams are able to view their progress with the scoreboard, participate in solving problems, see past records, and see responses from judges while the contest is in session.

Within the database we want the following information for teams:

UNIQUE Team Name, Team Members, Contact Info, School, Advisor/Teacher, Login Username, Password

<u>Judges-</u> These are game day judges. Judges who judge during the contest

Game Day Judge Uses: response to teams, view submissions, response to operator when submissions are correct, logging into the system, view the score board, and ability to broadcast a message to all teams, including other judges.

Within the database we want the following information for the Judges:

Username, Password

If judges need to leave at a certain point the system should allow judges to send their work to another judge quickly.

Head Host? Person to shutdown the system and turn the system on unless the system is programmed to do that. Also rate questions based on their difficulty.

<u>Scoreboard operator-</u> One person designated to this job

Scoreboard operator uses: turning on and off the display, be able to modify scores, manual adjustments, and shut down and turn on scoreboard throughout, or beginning and ending of match.

<u>Administrator-</u> These are users working on the system outside the contest away from judges and participants

Administrator uses: be able to write and/or tweak scripts. Modify information in the database. Administrators will not be able to remove languages or add languages to the system.

Score Board- Scoring board to keep track of team members records and current position of the contest with ability to view times and progress of questions done. The Score Board will contain the following data: Contestant (Team Name), Prob#1, Prob#2, Prob#3…Prob#N, numberOfProblems, Total Time

Problems- Problems given throughout the contest

Problems consist of descriptions of the problem, input, and output. Titles are necessary with a difficulty rating.

Problems should be able to upload onto the system and possibly let the team know how many attempts of submitting are remaining.

Outside the Users:

Can we view the judge's guide?

We also were recommended by Dr.Lim to change the software hardware SE Lounge specifics in the software plan by using BellArc.

Dr. Lim wants to know when we get administrator access.