**Project Assignment I: Usability Test of Other’s Prototype**  
**Human-Computer Interaction**  
**Fall 2012**  
**Due: 11/12/12**

**Do:**

1. Conduct and record a usability test of another group’s prototype interface:
   - Group 1 evaluates Group 2’s prototype
   - Group 2 evaluates Group 3’s prototype
   - Group 3 evaluates Group 1’s prototype
   - Group 4 evaluates Group 5’s prototype
   - Group 5 evaluates Group 6’s prototype
   - Group 6 evaluates Group 4’s prototype

   Use the two-person “constructive-interaction” method if possible; otherwise, use the one-person “think-aloud” method. Get prior approval from the instructor if you are using the one-person method. Give the users between three and six tasks, increasing in difficulty. The total time taken should be around 25-35 minutes. Conduct task/action analyses of four episodes. Include all observed episodes in your summary analysis. Assign roles to team members, such as camera-operator, facilitator, and in-test analysts.

2. Prepare a discussion of the results, and include (a) suggested solutions that would solve the four analyzed problems and (b) the reasons why the solutions would be effective.

3. Prepare a ten-minute in-class presentation of your results, using examples from the recording as appropriate.

4. Create a link from your group’s Web page to your project report.

**Turn in a report containing the following sections:**

1. The release forms, episode analysis, the four task/action analyses, the summary analysis, and the discussion of the results.

2. A statement signed by all members of the group that all members of the group contributed their fair share of the effort on the assignment.