CS 350 - Computer/Human Interaction
Fall 2009 - Exam 2 Review Sheet

Reminders:

● Homework 6 is due on Tuesday, December 8 in class. We will go over it as part of an exam review.
● The group project implementation, final report, and peer review forms as due by 4:30pm on Tuesday, December 8.

Exam 2 will be on Friday, December 11, 2:45pm-3:45pm (scheduled final exam period for this class). The exam is open book, open your own notes and assignments (but not anyone else's notes or assignments). You may bring printouts of your prototypes, your project, and class examples.

The exam will consist of questions on the material in Chapters 5-10 of the textbook and covered in lectures and assignments since Exam 1. Exam questions will consist of both questions related to the textbook material similar to the homework questions that may be applied to the project, and questions related to the project itself.

The following is a list of topics that will be emphasized, but it is in no way to be construed as an exclusive list.

1. Application of scenarios and claims analysis to the design of interaction.
2. Application of techniques and concepts used in interaction design (i.e., mechanisms for accessing and manipulating information) such as the Gulf of Execution, direct manipulation vs. command language, task decomposition, articulatory directness, performance optimization, etc.
3. Use of both low and high fidelity prototypes in the SBD approach
4. Use and comparison of various analytical and empirical evaluation methods including heuristic evaluation, cognitive walk-through, GOMS analysis, interviews, surveys, and controlled experiments
5. Role of documentation in user interaction design
6. Effect of emerging interaction technologies such as collaboration, ubiquitous computing, and intelligent agents on interaction design
7. Practical issues associated with usability engineering including cost-benefit analysis, internationalization, and safety.