

## INFO 310 Human Computer Interaction II

### Spring 2006, Dr. Gerry Stahl

#### Week 1 Review Course Overview document

Review Blackboard site

Review course website

Register for VMT-Chat

See presentation on VMT Project

See presentation on 4 group design tasks

Complete student preferences questionnaire for design tasks

Thursday: meet in VMT lobby and go to restricted room

Thursday: work on sample math problem with group

Assignment: read Ch 1 & 2 carefully

Assignment: read VMT Overview

Assignment: post at least 3 discussion messages in Blackboard

#### Week 2 View Ideo design team DVD

Discuss how Ideo team collaborates and builds group knowledge

Form project groups

Thursday: go back in chat room and analyze interactions and collaboration

Thursday: discuss implications of this analysis for design task in chat room

Assignment: read Ch 3 & 4 carefully

Assignment: read chat analysis paper

Assignment: post at least 3 discussion messages in Blackboard

Assignment: start to build group website with name, pictures & logo

Assignment: post analysis of interactions and implications on group website

#### Week 3 Present analysis of interactions and implications

Thursday: go back in chat room and observe problems and use of information

Thursday: discuss implications for design task in chat room

Assignment: read Ch 5 carefully

Assignment: read TCA chapter

Assignment: post at least 3 discussion messages in Blackboard

Assignment: post analysis of problems / information and implications on group website

Week 4 Present analysis of problems / information and implications

Thursday: discuss requirements for design task

Thursday: assemble evidence for requirements

Assignment: read Ch 6 & 7 carefully

Assignment: read knowledge building communities paper

Assignment: post at least 3 discussion messages in Blackboard

Assignment: post requirements for design task on group website

Week 5 Present analysis of requirements for design task

Thursday: work on conceptual design

Assignment: read Ch 8 & 9 carefully

Assignment: read VMT research paper

Assignment: post at least 3 discussion messages in Blackboard

Assignment: post conceptual design on group website

Submit midterm reflection paper

Week 6 Present conceptual design

Thursday: work on scenario for conceptual design

Assignment: read Ch 10 & 11 carefully

Assignment: search for relevant research literature for design task

Assignment: post at least 3 discussion messages in Blackboard

Assignment: scenario for conceptual design on group website

Week 7 Present scenarios

Thursday: develop interactive prototype to follow scenario

Assignment: read Ch 12 & 13 carefully

Assignment: read Heuristic Analysis papers

Assignment: post at least 3 discussion messages in Blackboard

Assignment: interactive prototype on group website

Week 8 Present interactive prototype

Thursday: conduct heuristic design of another group's prototype

Assignment: read Ch 14 & 15 carefully

Assignment: read Cognitive Walkthrough papers

Assignment: post at least 3 discussion messages in Blackboard

Assignment: post heuristic analysis results on group website

Week 9 Present heuristic analysis results

Thursday: conduct cognitive walkthrough with friends

Assignment: post at least 3 discussion messages in Blackboard

Assignment: post cognitive walkthrough results on group website

Assignment: revise prototype

Week 10 Present cognitive walkthrough results and revised prototype

Complete course evaluation

Assignment: Finalize group website portfolio

Assignment: Submit Final Reflections paper