

Department of Computer Science and Engineering

College of Engineering, University of Nevada, Reno

CS 420/620 Human-Computer Interaction

Project Part 1: Concept

October 10, 2012

Due: Wednesday October 24 at 8:00 pm, by email, single PDF file named P1_YourTeamNumber (e.g., P1_T1.pdf).

Points: 100 **Weight in course grade:** 8% in CS 420; 6% in CS 620

Decide on an HCI project topic for this class and write a project concept document with the structure indicated below. Note that your project should focus on your software/system's interaction with users and interface details.

0 Cover page: university, department, course, project title, project part, author, instructor, date

1 Abstract (between 100 and 150 words): Concisely explain what this project is about

2 Description (between 700 and 1200 words). Indicate the following:

- Main goals (indicate what are the main objectives of this project)
- Intended users and key usability goals
- Main functionality and characteristics
- Notes on existing similar/related systems: their utility, good characteristics and limitations **or** advantages and disadvantages (provide references)
- Expected novelty of your solution, innovative characteristics, possible enhancements over existing systems
- Potential for further development beyond CS 420/620 timeframe
- Challenges that you anticipate for project design and development
- Intended technology, e.g., software platform, languages, libraries, tools
- A note on how this project can help your professional growth
- Author: brief background information, degrees, experience, computer science interests

3 Project Resources

- Provide at least 4 related references (journal articles, conference papers, or books)
- Include links to at least 2 websites with related resources