

Department of Computer Science and Engineering
College of Engineering, University of Nevada, Reno
CS 420/620 Human-Computer Interaction

Project Part 1: Concept

October 9, 2019

Due: Saturday October 19 at 11:59 pm, by email to dascalus@cse.unr.edu, single PDF file named P1_YourTeamNumber (e.g., P1_T01.pdf).

Points: 100 **Weight in course grade:** 7% in CS 420; 6% in CS 620

Decide on an HCI project topic for this class (an interactive computer-based application) and write a project concept document with the structure indicated below. Note that your project will focus on your *software/system's interaction with users and its interface details*.

The notation **<X, Y, Z>** applies as follows: X items for a team of one, Y for a team of two, and Z for a team of three students.

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

1 Abstract (between 80 and 120 words): Concisely explain what this project is about

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

A. Product details

- Main goals (indicate what are the main objectives of this project)
- Main functionality and/or characteristics
- Planned technology, e.g., software platform, languages, libraries, tools
- Notes on existing similar/related systems: their utility, good characteristics and limitations **or** advantages and disadvantages (provide references)

B. Expected significance and impact

- Intended users and key usability goals
- New/innovative aspects of your proposed project (e.g., enhancements over existing solutions)
- Expected impact of your solutions in global, economic, environmental, and societal contexts (briefly comment on each of these)
- Note(s) on how this project could contribute to your own professional growth

3 Project Resources

- Provide at least **<4, 4, 5>** related references (journal articles, conference papers, or books)
- Include links to at least **<1, 2, 3>** websites with related resources