

## MSc and MRes AISD

### Groupwork

## Organisation

- For this coursework you will work in small groups.
- The members of the group should be identified on each piece of work.
- Reports should be submitted both electronically and in paper form to Krista Calvert
- Deadline for groupwork: Monday 12 November

## CHI 2008

- 26th CHI Conference
- ~2000 attendees
- 38 Countries
- 40-50 industry exhibitors

## Student Design Competition

- 5th year of the CHI Student Design Competition.
- the competition has grown each year
- prime recruiting opportunity for identifying talented students.
- In 2007 there were over 50 submissions from 19 institutions, in 11 countries.
- [http://www.chi2008.org/student\\_design\\_competition.html](http://www.chi2008.org/student_design_competition.html)

## Student Design Competition

The competition is aimed at meeting three goals:

- Provide an opportunity for students from a variety of design backgrounds (HCI, industrial design, product design, visual design, etc.) to participate in CHI and demonstrate their problem solving and design skills in an international competition against their peers.
- Provide CHI attendees with refreshing perspectives on how design teams from different disciplines and different parts of the world approach a common design problem.
- Provide CHI attendees with a chance to meet future professionals in our area, and provide competition participants with an opportunity to network with experienced HCI and Design professionals.

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## Report

A six pages report in ACM format (and an associated website):

- A description of the proposed solution, including the approach taken and the design process followed
  - (a) A description of your proposed system and the context in which it will be used.
  - (b) Small number of personae used in scenarios
  - (c) A series of scenarios with outline text describing what happens storyboards/mock-up screen shots.
  - (d) A Hierarchical Task Analysis
  - (e) An overview of the overall navigation structure and states of the system using appropriate notation, e.g. hierarchy diagram of web site, dialogue diagram, state specification
  - (f) An overview of a proposed internal architecture.
- Imagery (as appropriate) to illustrate the design solution
- Reference to design principles and theory where appropriate
- Acknowledgement of partial or incomplete solutions
- Best on the report, the best groupwork is encouraged to submit a paper to CHI, (deadline: 8 Jan 2008).

## The Design Problem

- There are 3 million homeless in the EU. Some are temporarily homeless by environmental circumstance, while some are born into poverty: some even elect a nomadic lifestyle rather than participate in the culturally accepted norms of society. Whatever the reason, these people often depend on public services and support for food, shelter, medicine, and other forms of necessary assistance and guidance.
- <http://www.homeless.org.au/pictures/>
- **Design an object, interface, system, or service intended to support the state of living without a house.**
- Use methods of ethnography and contextual research to understand the problem space, and develop user-centered design solutions to support, assist, enhance or otherwise benefit your target audience. Your solution could address the environmental state of being without a house, including issues of physical sustenance and safety, or it could investigate the emotional, social and cultural needs of this group of people.

## The Design Problem

- The groupwork should present a concept: a clear, detailed design specification that can be taken to prototype, or a fully realized prototype. Either way, teams must clearly illustrate their design decisions and demonstrate the user centred design processes that have been followed. We strongly encourage consideration of:
  - Previous work in this area and in adjacent areas
  - Ethnography and contextual research to ground your design decisions
  - Elaboration of methods for evaluating your designs within your iterative design framework

## The Design Problem

- Previous work in this area and in adjacent areas
  - Explore case studies from homeless websites such as:
    - <http://www.deltablues.net/homeless.html>
    - <http://www.homelesskids.org/>
    - <http://www.homeless.org.au/pictures/>
  - Identify scholar work in the field such as:
    - Miller, A.B. and Keys, C.B. (2001). Understanding Dignity in the Lives of Homeless Persons. *American Journal of Community Psychology*, 29(2), 331-354.
    - Boydell, K.M., Goering, P. and Morrell-Bellai, T.L. (2000). Narratives of identity: Re-presentation of self in people who are homeless. *Qualitative Health Research* 10(1), 26-38.
    - Ronald Paul Hill, R.P. (1991). Homeless Women, Special Possessions, and the Meaning of "Home": An Ethnographic Case Study. *Journal of Consumer Research: An Interdisciplinary Quarterly*, 18(3), 298-310.