

CIS*6650 HCI Course Project Phases (1-4)

Phase 1: Concept

- Concept description
 - brief overview (object, interface, system, or service)
 - storyboards if this works
 - descriptive diagrams if appropriate
 - preliminary prototype if available
 - list of stakeholders
- Rationale for choosing this concept
 - what need does it fill?
 - how is it sustainable?
 - what resources are locally produced?
 - are resources disposed of locally and in a way that supports the local environment?
 - describe positive value for local stakeholders and local environment
- Comparison with existing or similar tools
 - how is this different?
 - how is it better?

Deliverables:

1. Concept Document (Thursday Oct. 2 – prior to class)
2. Presentation (15 minutes in class – Oct 2 & 7)

Phase 2: Requirements

- Description of research
- Findings
- Conclusions drawn from research
- Personas and Scenarios
- Preliminary prototypes (more than 1)

Deliverables:

1. Concept Document (Tuesday Oct. 28)
2. Presentation (15 minutes in class – Oct. 28 & 30)

Phase 3: Iterative Prototypes & Evaluation

- Description of initial prototypes
- Evaluation methods
- Findings
- Evolution of prototypes
- Final prototype

Deliverables:

1. Prototype and Evaluation Document (Thursday Nov 20)
2. Presentation (15 minutes in class – Nov 20 & 24)

Phase 4: Summary Document

As per CHI 2009 contest 'rules', a description of the proposed solution, including:

- the approach taken and the design process followed
- imagery (as appropriate) to illustrate the design solution
- reference to design principles and theory where appropriate
- acknowledgement of partial or incomplete solutions
- acknowledgement of any assistance drawn from outside the student team (advisors, faculty, domain experts, existing solutions, users, etc.)

Deliverables:

1. **6 page PDF** as per above description
2. individual meeting with Blair to discuss your project

Note these additional desirable elements:

- The perspective taken to address the design challenge
- A concise description of the proposed solution
- Clear illustrations of key aspects of your proposed solution
- Compelling, effective visual design