IMS1502: Information Systems Foundations 2  
Week 8: HCI principles

Outcome of session:
1. develop an understanding of HCI principles in practice,
2. apply HCI principles in the development of web content.

Assessment:
There are no assignment assessment tasks components in this studio

Preparation required:
Nil

Activity 1: Key HCI principles (90 minutes)
Individual or in groups of two
1. In groups of two, research one of the following HCI theories or principles.
   - Colour
   - Miller’s 7+2
   - Fitts’ Law
   - Memory
   - Mental models
   - Conceptual models
   - White space and screen balance
   - User centred design

2. Using HCI design principles design and create a 3-4 page web site to present your research, include examples that demonstrate the concept under question. Your tutor or academic will give you feedback on the site design (its look and architecture).

Activity 2: “Web sites that suck” (20 minutes + 15 minute discussion)
Individual or in groups of two
1. “Web sites that suck” – but why? Thoroughly examine one of the following web sites. What HCI standards/guidelines or rules have they broken? How would you modify the site to improve its interface?
   http://whitesnake.com/new/index10.html
   http://www.glassattic.com/
   http://www.tazo.com/default.asp?bhcp=1
   http://drpamelarudat.com/
   http://www.soulcure.com/
   http://my.monash.edu (the first page once you have logged in)

2. Be prepared to conduct a class discussion on HCI principles and the web site designer’s (good and poor) use of these principles.

Activity 3: Assignment

The remainder of studio time is to be spent working on the web site design for the IMS1502 assignment.