

PROJECT 1: I561 SECTION 13413 T 6:30-9:00 (Dan Richert, Associate Instructor)
& I590 SECTION 30696 / I400 SECTION 30695 / H400 SECTION 30694 11:15-2:15 R (John Wayne Hill, Associate Instructor)

Digital Imagery as Meaning & Form in Human-Computer Interaction Design

Project 3. Digital Imagery as Technology & Information

January 25th & 27th 2011

Eli Blevis, Associate Professor of Informatics

Project

Find or create your own images or illustrations which denote or picture the notion of digital imagery as a distinctive digitally enabled technology or as a means or form of information. This is a design research project—I am not interested in your original concepts, but rather things you find by observation or secondary sources that are interesting and compelling. Choose three contrasting images or illustrations. At least one of your choices must be connected to digital technologies in some way.

Explain why your choices complement or contrast one another and what's interesting about them. To do so, you may want to use or research some of the following terms: GIS, geotagging, resolution, privacy, expectations of privacy, analogue versus digital photography, visual information. This list of terms is by no means complete—use your own initiative to relate your research to existing concepts in interaction design and HCI as best you can.

Format:

Your project must be presented on **three and only three landscape mode pages in pdf format**. The first page should be a sketch, the second page should be your final research or concept, and the third page should be your primary and secondary attributions lists, as in the example/model solution that follows. Upload your work to oncourse, as instructed in class. Be certain to reference all of your sources accurately and completely.

The example on the pages that follow gives an idea of what a design research project could look like for the purposes of this class project. The example is by no means the most ideal project—yours should not be longer, but it can and ideally should be more compelling and interesting.

DUE

I561 : FEB 1st no later than 4:00 PM
I590/I400/H400 : FEB 3rd no later than 9:00 AM
A **FINAL** form completed project.

Google Street View



Google Maps Street View Feature

(source: maps.google.com)

Google maps provides a street view which allows people to see what a place looks like, in addition to a map. The feature has raised all sorts of privacy issues. See for example: Helft, M. "Google Zooms in Too Close for Some." NY Times Technology (www.nytimes.com/2007/06/01/technology/01private.html)

Geotagging Cameras



Geotagging Cameras

(source: www.samsung.com)

Several consumer grade digital cameras on the market now offer geotagging, which labels digital image EXIF records with longitude and latitude information. This information can be used to precisely record where an image was taken, in addition to when.

PBase World Database

Find photos and photographers from all over the world.

Countries Sorted by Number of Galleries
 sort by galleries | sort by photographers | sort alphabetically

United States (56003)	Canada (14904)	Hong Kong (10351)	United Kingdom (9859)	France (7953)
Australia (7457)	Taiwan (6311)	Belgium (6049)	Italy (4997)	Netherlands (4678)
Singapore (4354)	Spain (3999)	China (3958)	Malaysia (3804)	Germany (3550)
India (3392)	Brazil (3385)	Scotland (3375)	Israel (3058)	Japan (3045)
Philippines (2986)	Thailand (2903)	Portugal (2644)	Switzerland (2491)	Sweden (2330)

PBase World Database

(source: www.pbase.com/world)

The PBase World Database sorts images according to geographical locations. Unlike Google maps street view, these images show the most interesting features of specific places, as they are contributed by people who seem to care about the aesthetic qualities of the photographs in the collection.

(All sites referenced on this page accessed on 1.27.2010)

Photos from China

Chinese Photographers (226 total)			
ID#	Age	Age	
101	21	2008	2008
102	21	2008	2008
103	21	2008	2008
104	21	2008	2008
105	21	2008	2008
106	21	2008	2008
107	21	2008	2008
108	21	2008	2008
109	21	2008	2008
110	21	2008	2008

Photo Galleries from China (226 total)

- Australian National Park by [Name]
- Impression LESING by [Name]
- Harbin, Northern China by [Name]
- Shanghai, Shanghai by [Name]
- China Dreams Too by James [Name]
- Shanghai, Shanghai by [Name]
- Shanghai, Shanghai by [Name]
- Shanghai, Shanghai by [Name]

Primary Attributions
None

Secondary Attributions
image: maps.google.com
image: www.samsung.com
image: www.pbase.com/world

source: Helft, M. "Google Zooms in Too Close for Some." NY Times Technology
(www.nytimes.com/2007/06/01/technology/01private.html)