The design of visual information

Anthony Hornof
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Three main points on the design of visual information

• Make sure the information that the user will need is readily available.
• Organize the information so that it is presented in a manner that is easy for the user to access (given fundamental perceptual-cognitive-motor abilities).
• Always keep in mind what is the user’s task, and how it will unfold over time.

Is this a good interface?

The task is to click on the CIS link or search the catalog.
Support the user's task at the perceptual level. 
Make necessary visual information visible.

Make necessary information visible. 
Make task-relevant text readable.

Editing the CIS web pages in DreamWeaver
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Proximity
Alignment
Repetition
Contrast

Group related items and give them headings.

Use perceptual groupings.

Use a grid.

MEDIA UNION
UNIVERSITY OF MICHIGAN

people
projects
library
news & events
technical resources
about the media union

main menu
Use a grid.

Use a grid system.

Proximity
Alignment
Repetition
Contrast

University of Maryland Human-Computer Interaction Lab

The Human-Computer Interaction Lab (HCIL) at the University of Maryland has a mission to design, implement, and evaluate new interface technologies that are...

Description: Development of user interfaces and research. Projects include information visualization, digital...

Category: Computers > Human-Computer Interaction

Human-Computer Interaction Resources on the Net

Human-Computer Interaction Resources on the Net

By Mikael Ericsson. This is a collection...

Description: a collection of information related to Human-Computer Interaction (HCI) by Mikael Ericsson

Category: Computers > Human-Computer Interaction

Human-Computer Interaction Bibliography:

Human-Computer Interaction Bibliography Publications and...


Description: The HCI Bibliography (HCIDB) is a list of publications and resources on human-computer interaction

Category: Computers > Human-Computer Interaction

www.hcibio.org - 11k - Cached - Similar pages

A Brief History of Human Computer Interaction Technology

A Brief History of Human Computer Interaction Technology — Psychological Human Computer Interaction Theory, User Interfaces, Interaction Technologies...

www.cs.cmu.edu/~mullick/hci/history.html - 346 - Cached - Similar pages

Peripherally-salient primary visual features such as color, size, and orientation appear to “pop-out.” Use these features to distinguish the target item.

Find the red target.

Find the horizontal target.

Find the horizontal red.

11 distractors
With more distractors.

21 distractors

Task: find the file entitled “Present. Slides”.

iOS 6 vs iOS 7. The new icons better emphasize the primary visual features of color, shape, and size, and are thus easier to distinguish in the near periphery. Hold your gaze on the crosshairs and try to describe each icon.

(Figure from Kieras & Hornof, 2014)
Task: Get to the basement parking at the Riverbend Hospital.

The lesson learned here is to remove “distractors”.
University of Oregon's DuckWeb Information System

Welcome to DuckWeb!

DuckWeb is an interactive web application that provides easy access to information. To begin, please enter your User ID and your Personal Access Code (PAC) that you registered when you completed the Student Registration portion of DuckWeb.

For security reasons, DuckWeb requires that your browser be configured to accept cookies. For best performance, it is recommended that you use the latest version of Internet Explorer or Netscape Navigator.

DuckWeb is generally available 24 hours a day. There may be occasional outages in service where the system is down for routine maintenance, especially during Sunday morning from 6:00 to midnight.

Remember, especially if you are using a public terminal, to press the LOG OFF button when you are finished.

Avoid using the Internet/Net access on your computer unless specifically directed to.

Questions or comments about DuckWeb can be directed to: internet@uxp.uoregon.edu

User Login

Please enter your UO Id number and your personal access code (PAC) for access to University Of Oregon’s DuckWeb Information System. When finished press the Login button.

The first time you login, you will be asked to activate a security question which will help you manage your DuckWeb account. Login now, then follow the three easy steps on the next page.

UO Id: 

PAC: 

Login  Forget PAC?
Task: find the right arrows.

(Qdea Synchronize!)

Task: Find the travel forms.

Business Affairs

*** CLOSING OF THE BOOKS ***

BAO OPERATING PRINCIPLES  BAO MYSTERY TOUR

Student Directory  Calendar  What's New  FAQ

DEPARTMENTS  TRAVEL POLICY TEAM  FINANCIAL REPORTS

Insurance Services

FIG  Forms  HRIS

Format/Student Survival Guide  Quality Assurance  Student Information  Banner Guide

WELCOME

Mission

Director's Notes

Departments

Accounting

Account Payable/Travel

Cashiers

Collections

Contractor

Mail Services

Payroll

Printing Services

Property Control

Purchasing

Student Billing

Student Loans

Telecom

Faculty

IE Member

Awards

Dept. Head

Classes

Labs

Industriæl Engineering Department
University of Minnesota Duluth
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Task: Put a textbook on reserve. Fill out all the red blanks.
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