The ‘Design Group’

Alister Lewis-Bowen, Tom Buckley & Louis Weitzman
Dimensions of design

Useful, Usable & Desirable

AIGA, Useful, Usable & Desirable, http://www.aiga.org
Approach

Analysis → Design → Prototype → Implementation

Business Goals
User Needs
Scope

Content
Navigation
Hierarchy
Interaction
Visual Language

Consistency
Content Hierarchy

Recommendations
Development

Interviews
Observation
Personas

Info Architecture
Layout
Style Guides

Lo/Hi Fidelity
Scenarios
Roadmap

Demo
Application

Spring, 2008
Past

- Advanced technology team
- Prototypes, concepts and consulting
- The Broad Institute - design roadmap
- Semantic Layered Research Platform - conceptual story boards
- International Business Council - end to end solution
Analysis -

Requirements for 1st Milestone

Publishing of on-line content

The following are the requirements for publishing on-line content. There are 4 main types of on-line content, 2 additional content types and a description of the users. Common attributes for all content include: title, abstract, date, publish date, authors (participants), and free tagging curated by the editor. All discussion and comments are curated by the editor.

1. Chapters
2. Interviews
3. News
4. Perse
5. Forum
6. Comm
7. Memb

Chapters

1. Chapters I
   a. chapter I
      i. 1. Title
      i. 2. Abstr
      i. 3. Date
      i. 4. Publi
      i. 5. Imags
      i. 6. List e
      i. 7. Table
      i. 8. Seetic
      i. 9. Refer
      i. 10. abstra
      i. 11.
      i. 12.
      i. 13.
      i. 14.
      i. 15.
   b. Antib

Required: Core Facility User

Access Control

Public

HSCI Only

what kind of personalization is required?

Expertise locator?
Analysis - Design - Prototype - Implementation
Present - Time Series Center

Time Series Center at the IIC

Search

Location
- Right Ascension: 03:12:34, 05:12:34
- Declination: -11.1234, -1.1234
- Epoch: 12345, 12345

Data set
- Survey 001
- Survey 002
- Survey 003
- TOAS catalog

Attributes
- Attribute: Attr A (TOAS)
  - Operation: is greater than
  - Value: 12.345
- Attribute: Attr A (TOAS)
  - Operation: is less than
  - Value: 45.678
- Select an attribute...
  - Operation: is equal to

Sample of results
- Heading 01
- Heading 02
- Heading 03
- Heading 04

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Lorem ipsum dolor sit amet, consectetur adipiscing.
Lorem ipsum dolor sit amet, consectetur adipiscing.
Present - Consulting for future development
Present - Virtual Collaborative (Image & Meaning)
Present - IIC website

IIC Seminar Series for Spring 2007

<table>
<thead>
<tr>
<th>title</th>
<th>speaker(s)</th>
<th>date</th>
<th>time</th>
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<tbody>
<tr>
<td>Sense and Sensibility: Adding meaning to</td>
<td>Carole Goble, Professor, Department of Computer Science, University of</td>
<td>Jan 31, 2007</td>
<td>4:00pm</td>
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<td>metadata for manageable middleware</td>
<td>Manchester</td>
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<td>Visual Search: Is it a matter of life and</td>
<td>Jeremy Wolfe, Professor of Ophthalmology, Harvard Medical School</td>
<td>Feb 7, 2007</td>
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<td>death?</td>
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<td>Algorithms and Representations for Mining</td>
<td>Eamonn Keogh, Associate Professor, Computer Science &amp; Engineering</td>
<td>Feb 14, 2007</td>
<td>4:00pm</td>
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<td>Massive Collections of Time Series and</td>
<td>Department, University of California, Riverside</td>
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<td>Shapes</td>
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<td>Interface Design and Political Economy, Yale University</td>
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<td>Building a Campus e-Infrastructure: the</td>
<td>Jayanta &quot;Joy&quot; Sircar, Researcher, School of Engineering &amp; Applied Sciences</td>
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<td>CrimsonGrid Experience</td>
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Present - Scientific Collaborative Framework
Present - etc.
Future - re-usable components

- CMS Framework (Drupal)
- Collaborative enablement
- Workgroups
- Publication workflow
- Contextual actions
The ‘Design Group’ thanks you!

Alister Lewis-Bowen & Louis Weitzman

and Tom Buckley!