

Human-Computer Interaction

Exercise: Information Architecture and Interaction Design

The description of a website that is going to be built is provided. Use Jesse James Garrett's visual vocabulary for doing the following activities:

1. Create the general navigation diagram for the website.
2. Create the diagram for the process to leave a comment about a product.
3. Create the diagram for the process to opt in and opt out of the newsletter.
4. Create the diagram for the purchase process.

When you have finished, compare your architecture to another person's. Are there any "holes" in your solution? Any important part missing?

1 OVERVIEW OF WEBSITE REQUIREMENT

The new website has the following main objective:

People must be able to find the products by searching the web (through popular services such as Google or Bing) or by searching directly in the website. The website will provide detailed information about the products and enable visitors to make online purchases.

2 LIST OF FUNCTIONALITIES

- Browse the catalog of products
- Search a product
- Purchase a product
- Leave a comment for a product
- Opt in and opt out of the newsletter

3 LIST OF SECTIONS AND PAGES

3.1 Home Page

The home page will give visitors an overview of the products offered by the company. Some selected products will appear on the home page. A simple search option also appears on the home page.

3.2 Products Catalog

This page will give an overview of each of the products sold by the company. The products can be browsed by price, category and other features. An advanced search option is provided.

3.3 Products Detail Pages

For each product there will be three pages. The first will provide a summary of the product including prices and photographs. The second will contain a detailed specification of the product. The third page will display comments about the product and will allow people to leave new comments.

3.4 Online Shop

Each product page will have a link that will allow visitors to place an order online. The purchase process includes a virtual cart. Visitor can modify the content of the virtual cart (add or delete products) and must perform the check out.

3.5 Blog

A blog to publish news about the company and new products with the common features: search box, categories, archive.

3.6 About Us

This page will show details about the company (history, customers, accolades), the personnel and careers opportunities.

3.7 Contact Us

Full contact details including a map. Contact information for different requests: support, complaint, advertisement, etc.

3.8 Newsletter

Opt in and opt out of the email list for the newsletter. Archive of old newsletters.

3.9 Site Map

A site map should be provided showing the structure of the site and linking to every page on the site.

4 NAVIGATION

A common navigation bar should be included on all pages. The navigation bar will include links to the home page, products list, about us, and contact details.